

**The J&H Dog and Cat Clinic**

GROUP 2

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Group Project, Phase 6

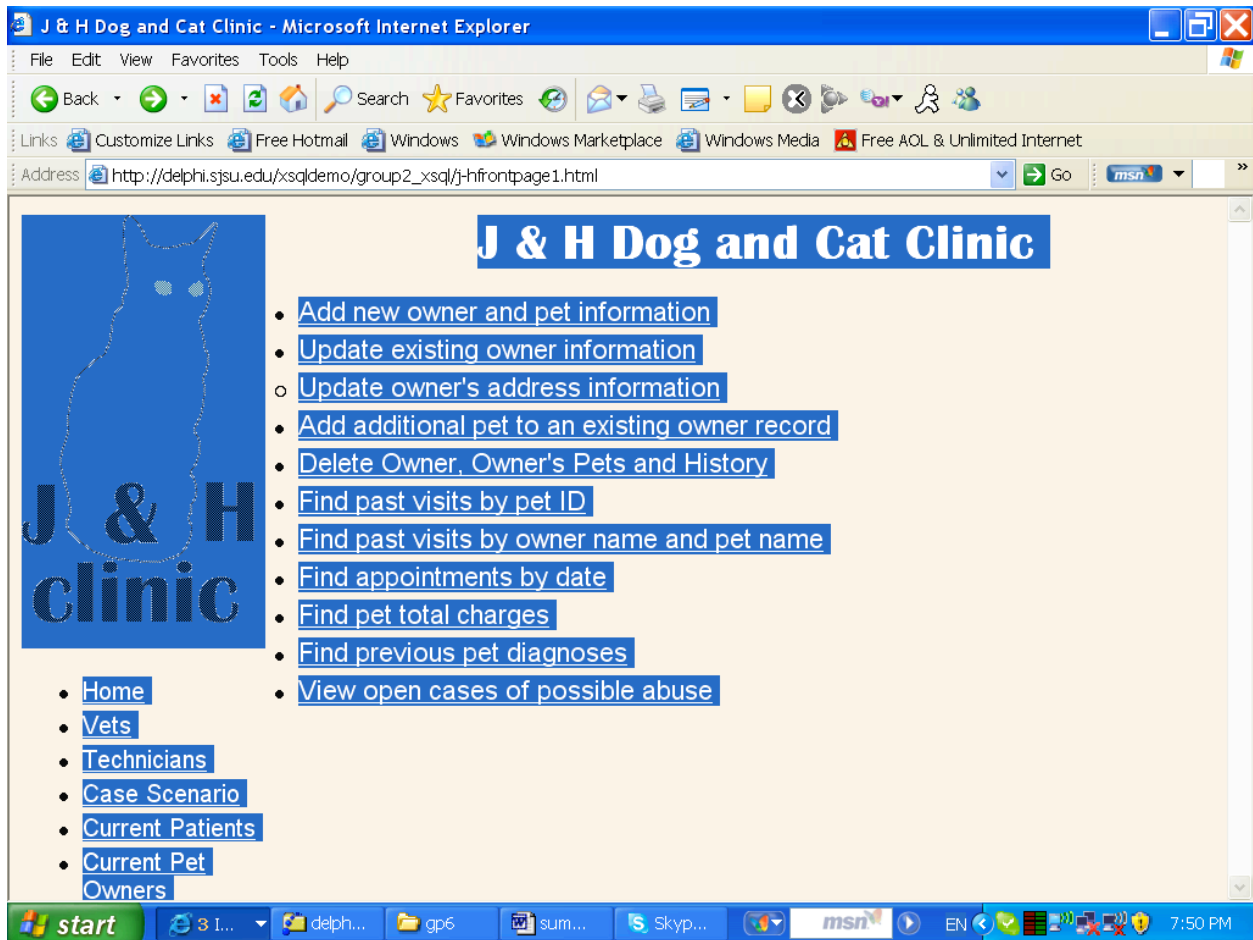
LIBR 242-01, G. Liu

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## Introduction

The group produced a web site that inserts into, updates, deletes from, and retrieves from the database. All of this was accomplished using standard web technology combined with a special Oracle servlet and no programming. There are 16 functions and about twice as many web pages. The link to the home page is:

[http://delphi.sjsu.edu/xsqldemo/group2\\_xsql/j-hscenario.html](http://delphi.sjsu.edu/xsqldemo/group2_xsql/j-hscenario.html).



Listing of functions and files (in [delphi.sjsu.edu/export/home/group2/group2\\_xsql](http://delphi.sjsu.edu/export/home/group2/group2_xsql)):

Function	Files
Home	j-hfrontpage1.html 242style1.css
Vets	jhvets.xsql jhvets.xml
Technicians	jhtechns.xsql jhtechns.xml
Case Scenario	j-hscenario.html
Current Patients	jhpets.xsql

Function	Files
	jhpets.xsl
Current Pet Owners	jhowners.xsql jhowners.xsl
Add new owner and pet information	petowneradd.html petowneraddq.xsql
Update existing owner information	ownerupdate1.html ownerupdate1.xsql ownerupdate1.xsl ownerupdate2.xsql ownerupdate2.xsl
Update owner's address information	jhaddressupdate1.html jhaddressupdate1.xsql jhaddressupdate1.xsl jhaddressupdate2.xsql jhaddressupdate2.xsl
Add additional pet to an existing owner record	jhaddpet.html jhaddpet.xsql jhaddpet.xsl
Delete Owner, Owner's Pets and History	jhdeleteowner.html jhdeleteowner.xsql jhdeleteowner.xsl jhdeleteowner2.xsql
Find past visits by pet ID	q2.html petq2a.xsql petq2html.xsl
Find past visits by owner name and pet name	jyvisitbyname.html jyvisitbyname.xsql jyvisitbyname.xsl
Find appointments by date	jhapp2.html jhappt.xsql jhappt.xsl
Find pet total charges	jhcharges.html jhcharges.xsql jhcharges.xsl
Find previous pet diagnoses	diagquery.html diagquery.xsql diagquery.xsl
View open cases of possible abuse	openabuse.xsql openabuse.xsl

## Descriptions of Functions

The J&H Dog and Cat Clinic home page has two sets of link bars: on the left and in the middle. The links on the left bar are basically directories of the current employees and clients of the clinic. The links in the middle of the page are SQL functions for both the employees and the clients of the clinic. Listed below are descriptions of the different links on the home page.

### [Directory services on the left bar](#)

Accessing the links on the left bar will provide the user with information regarding the veterinarians and vet techs currently employed by the J&H Clinic and the pets and pet owners currently using the clinic. This information is updated as it changes and should be referred to when using the functions on the home page. A link to our group's case scenario is also present.

### [Add new owner and pet information](#)

This link allows a user—most likely a vet tech or receptionist—to add a record to the PET\_OWNER entity of the database system. The buttons at the bottom of the page will allow the user to record the information if it is entered correctly or clear all fields if there is a mistake. After the PET\_OWNER information is recorded, a page will appear asking the user if they want to link a PET record to the new PET\_OWNER record. This link will take the user to the “Add additional pet to an existing owner record,” which is described below.

### [Update existing owner information](#)

This link allows a user to update an existing record in the PET\_OWNER entity. The first page asks for the OWNER\_ID of the record the user wishes to update. Applicable OWNER\_IDs can be found by clicking the “Current Pet Owners” link on the left bar. After the OWNER\_ID is entered, the next screen will appear with filled-in fields displaying the current information present in the corresponding PET\_OWNER record. All information, except the OWNER\_ID, can be updated. The SEND button will record the changes and the START OVER button will return the record to its previous state.

### [Update owner's address information](#)

The update address link follows the same sequence as the previous link. At the first screen, a user enters an OWNER\_ID and marks a radio button to identify whether they are updating a residential or billing address. If, for example, a pet owner has no corresponding billing address, the system will return a blank page. If there is a match, the system will return a page with filled-in fields from the OWNER\_ADDRESS entity that can be updated and recorded into the system.

### [Add additional pet to an existing owner record](#)

This page allows a user to add a record to the PET entity, which will be related by foreign key to an existing record from the PET\_OWNER entity. The user can enter the first and last name of a PET\_OWNER that is already recorded in the system and the information for a new related PET record. The new PET record will contain the preexisting OWNER\_ID as a foreign key. If the name entered into first and last name

fields does not return a match in the system, then nothing will be recorded.

#### [Delete owner, owner's pets and history](#)

This page allows a user to delete all records associated with an existing PET\_OWNER. On the first page, the user can enter the first and last name of a PET\_OWNER they wish to delete from the system. After this is entered, a second page will appear asking the user to confirm the deletion.

#### [Find past visits by pet ID](#)

This function allows a veterinarian or a technician to view details about past visits of a pet. The user enters the pet ID number, and a table is displayed showing the name of the pet, the date of the visit(s), and the reason(s) for the visit.

#### [Find past visits by owner name and pet name](#)

Here, the user can look up details about past pet visits. The user must enter the owner's full name and the pet's name. As with the above query, a table is displayed showing the name of the pet, the date of the visit(s), and the reason(s) for the visit.

#### [Find appointments by date](#)

If a technician needs to see all of the appointments scheduled for a particular date, she can do so with this function. After entering the desired date, a table is displayed showing the attending staff member, date and time, pet and owner names, pet species and breed, pet age, and the reason for each appointment.

#### [Find pet total charges](#)

A technician can access the charge history of a pet with this function. The user enters the pet ID number and/or the pet name, and the resulting table lists information about each visit, including the visit ID number, visit date, and total charge for the visit.

#### [Find previous pet diagnoses](#)

This function allows a veterinarian to track a pet's health by showing previous diagnoses for a pet. As above, the user enters the pet ID number and/or the pet name. The data in the resulting table includes the pet ID and name, the description of the diagnosis, and the date the diagnosis was made.

#### [View open cases of possible abuse](#)

Veterinarians and technicians can click on this link to see a current, up-to-date list of open cases of possible pet abuse. The table displays pet and owner names, owner phone number, the visit date the abuse was recorded, the severity of the abuse, and a description of the abuse.

## Challenges and Discoveries

- It was important to learn how to pass parameters from an HTML form to an SQL statement in an xSQL file for either update or retrieval. This is demonstrated in the following: *Update existing owner information* and *Add additional pet to an existing owner record*.
- Using XSLT to parse the returned XML file from Oracle and placing it in a form was also challenging. Helpful examples were provided by the instructor. The technique is demonstrated in *Update existing owner information* and *Update owner's address information*.
- The *Delete Owner, Owner's Pets and History* function provided insight to database locking. Deletions must start with the children and move up the hierarchy of dependent entities in the right sequence because Oracle can be used to enforce parent-children relationships. In this function we had to compose nine DELETE statements. SQL is very powerful, but also has the potential to be very inefficient. Logically all delete statements should be completed together. However, when this was attempted, the database would return an error that locking was occurring. The solution was to insert a COMMIT statement in between each DELETE. Then, all nine DELETES occurred very quickly. There are opportunities to improve the overall performance and commit all DELETES as one unit of work, but this would require some PL/SQL coding.
- The technique that was described to handle the XML result from an SQL statement using XSLT was very interesting and would be the right finishing touch once everything was debugged and ready to be made user friendly. While we were still working on the code, it was easier to just see the raw XML file containing the SQL error or the confirmation without using XSLT.
- PL/SQL inside of a <xsql:dml> file was useful for providing the ability to insert into multiple tables in a unit of work as in the *Add new owner and pet information* function.
- It's not always enough to enclose the query in <xsql:query> tags. The more complicated queries wouldn't work unless they were also enclosed in <![CDATA[ ]]>. But on the other hand, simple SELECT queries wouldn't work when they were in a CDATA tag.
- Oracle commands may not be case sensitive, but the data values seem to be. Even copying and pasting the exact values that were entered into the database returned no rows, but changing both sides of the SQL equation to "upper" and using those same values retrieved the desired information.
- Carrying a value from one table and inserting it into another automatically (like inserting the OWNER\_ID into the PET record) took some working, as did making the ID and DATE values automatic.

- We originally wanted the “update address” page to be able to return multiple addresses at once, if applicable. Unfortunately we couldn’t iron out the SQL for this, so instead made it an either/or choice for address type.

## Codes

## j-hfrontpage1.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <title>J & H Dog and Cat Clinic</title>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <h1>J & H Dog and Cat Clinic</h1>
    <ul>
      <li>
        <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/petowneradd.html">Add
new owner and
          pet information</a></p>
      </li>
      <li>
        <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/ownerupdate1.html">Upd
ate existing owner information</a></p>
        <ul>
          <li><p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/jhaddressupdate1.html"

```



```

>Update owner's address information</a></p></li>
  </ul>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/jhaddpet.html">Add
additional pet to an existing owner record</a></p>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/jhdeleteowner.html">De
lete Owner, Owner's Pets and History</a></p>
  </li>

  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/q2.html">Find past
visits by
      pet ID</a></p>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/jykvisitbyname.html">F
ind past
      visits by owner name and pet name</a></p>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/jhappt2.html">Find
appointments by date</a></p>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/jhcharges.html">Find
pet total charges</a></p>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/diagquery.html">Find
previous pet diagnoses</a></p>
  </li>
  <li>
    <p><a
href="http://delphi.sjsu.edu/xsqldemo/group2_xsql/openabuse.xsql">View
open cases of possible abuse</a></p>
  </li>
</ul>
</body>
</html>

```

## 242style1.css

```

body
{background-color: #fdf5e6;
font-family: arial, sans-serif;
color: #191919}

```

```
h1
```

```
{text-align: center;
font-family: "britannic bold", arial, sans-serif}
```

```
p
{font-size: 110%;
margin-top: .5ex;
margin-bottom: .5ex}
```

```
p.small
{font-size: 100%}
```

```
p.large
{font-size: 120%;
font-family: arial, sans-serif;
text-indent: .5cm}
```

```
p.p
{font-size: 100%;
text-indent: .5cm;
margin-left: .5cm;
margin-right: .5cm;
margin-top: .25cm;
margin-bottom: .25cm}
```

```
a:link {color:#483d8b}
a:visited {color:#696969}
a:hover {background-color: #ffddee}
```

```
.center {text-align: center}
```

```
#left {position: relative;
float: left;
width: 200px;
top: 0;
margin-right: .5cm;
left: 0}
```

```
#right {position: relative;
padding-left: 190px;
top: 5px;
right: 0}
```

### jhvets.xsql

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhvets.xsl" ?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select      STAFF_FNAME, STAFF_LNAME, STAFF_EMAIL
from        STAFF
where       ROLE_ID = 1001

</xsql:query>
```

### jhvets.xsl

```
<?xml version="1.0"?>
```

```

<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>J & H Clinic - Vets</title>
    <style type="text/css">
      td {
        font-family:verdana,arial;
        font-size:18;
        background-color:#f7f7e7;
        color:#000000
      }
      th,table {
        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
      }</style>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpage1.html">
        
      </a>
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <div align="center">
      <h1>Veterinarians on staff</h1>
      <table border="0">
        <tr>

```

```

        <th>FIRST NAME</th>
        <th>LAST NAME</th>
        <th>E-MAIL</th>
    </tr>
    <xsl:for-each select="ROWSET/ROW">
        <tr>
            <td>
                <xsl:value-of select="STAFF_FNAME"/>
            </td>
            <td>
                <xsl:value-of select="STAFF_LNAME"/>
            </td>
            <td>
                <xsl:value-of select="STAFF_EMAIL"/>
            </td>
        </tr>
    </xsl:for-each>
</table>
</div>
</body>
</html>

```

### jhtechs.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhtechs.xsl" ?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select      STAFF_FNAME, STAFF_LNAME, STAFF_EMAIL
from        STAFF
where       ROLE_ID = 1002

</xsql:query>

```

### jhtechs.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <head>
        <title>J & H Clinic - Vet Techs</title>
        <style type="text/css">
            td {
                font-family:verdana,arial;
                font-size:18;
                background-color:#f7f7e7;
                color:#000000
            }
            th,table {
                font-family:verdana,arial;
                font-size:18;
                background-color:#cccc99;
                color:#336699
            }</style>
        <link rel="stylesheet" type="text/css" href="242style1.css"/>
    </head>

```

```

<body>
  <div id="left">
    <a href="j-hfrontpage1.html">
      
    </a>
    <ul>
      <li>
        <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
      </li>
      <li>
        <p class="small"><a href="jhvets.xsql">Vets</a></p>
      </li>
      <li>
        <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
      </li>
      <li>
        <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
      </li>
      <li>
        <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
      </li>
      <li>
        <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
      </li>
    </ul>
  </div>
  <div align="center">
    <h1>Veterinary Technicians on staff</h1>
    <table border="0">
      <tr>
        <th>FIRST NAME</th>
        <th>LAST NAME</th>
        <th>E-MAIL</th>
      </tr>
      <xsl:for-each select="ROWSET/ROW">
        <tr>
          <td>
            <xsl:value-of select="STAFF_FNAME"/>
          </td>
          <td>
            <xsl:value-of select="STAFF_LNAME"/>
          </td>
          <td>
            <xsl:value-of select="STAFF_EMAIL"/>
          </td>
        </tr>
      </xsl:for-each>
    </table>
  </div>
</body>

```

```
</html>
```

## j-hscenario.html

```
<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css" />
    <title>J & H Dog and Cat Clinic - Case Scenario</title>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpage1.html"></a>
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <h1>Case Scenario</h1>
    <p class="p">The J&H Dog and Cat Clinic is a small
veterinary clinic that serves a high-end clientele in Hillsborough,
California. The staff consists of professional veterinarians, interns,
technicians and office administrative staff. The clinic wants to invest
in a leading edge computer system to manage its operations.</p>
    <p class="p">The staff schedules appointments. There are
numerous appointments each day. Each appointment will have only one pet
and one veterinarian. (Note: In real life, there may be more; but to
keep this project manageable, we'll assume one.)</p>
    <p class="p">The technician checks in the pet upon its arrival
to the clinic. If the pet is new to the clinic, the technician records
the pet information and the owner information. Prior to the appointment,
the vet can review the pet's previous visits, diagnoses, previously
reported abuse alerts, and notes.</p>
```

```
<p class="p">During the appointment, the vet can make one or more diagnoses, note possible abuse, and perform treatments for the pet. The vet can also order one or more x-rays or lab work to be done, and prescribe one or more medications. The technician will dispense medication from the clinic pharmacy.</p>
```

```
<p class="p">After the appointment, an invoice will be generated. The owner can pay the invoice immediately, or request to pay later. The technician will track payments for outstanding invoices. When results from lab work and x-rays arrive, the technician will enter them into the system. (Note: To keep the project manageable, we're going to make the payment method very simple. We also will not store payment histories, which a real system will do.)</p>
```

```
</body>
</html>
```

### jhpets.xsql

```
<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhpets.xsl" ?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select pet_id, pet_name, pet_species, pet_breed, owner_id
from pet
order by upper(pet_name) asc

</xsql:query>
```

### jhpets.xsl

```
<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>J & H Clinic - Current Patients</title>
    <style type="text/css">
      td {
        font-family:verdana,arial;
        font-size:18;
        background-color:#f7f7e7;
        color:#000000
      }
      th,table {
        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
      }</style>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpage1.html">
        
      </a>
```

```

        <ul>
            <li>
                <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
            </li>
            <li>
                <p class="small"><a href="jhvets.xsql">Vets</a></p>
            </li>
            <li>
                <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
            </li>
            <li>
                <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
            </li>
            <li>
                <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
            </li>
            <li>
                <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
            </li>
        </ul>
    </div>
    <div align="center">
        <h1>Current Patients</h1>
        <table border="0">
            <tr>
                <th>Pet ID</th>
                <th>Pet Name</th>
                <th>Species</th>
                <th>Breed</th>
                <th>Owner ID</th>
            </tr>
            <xsl:for-each select="ROWSET/ROW">
                <tr>
                    <td>
                        <xsl:value-of select="PET_ID"/>
                    </td>
                    <td>
                        <xsl:value-of select="PET_NAME"/>
                    </td>
                    <td>
                        <xsl:value-of select="PET_SPECIES"/>
                    </td>
                    <td>
                        <xsl:value-of select="PET_BREED"/>
                    </td>
                    <td>
                        <xsl:value-of select="OWNER_ID"/>
                    </td>
                </tr>
            </xsl:for-each>
        </table>
    </div>

```



```

    </body>
</html>

```

### jhowners.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhowners.xsl" ?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select owner_id, owner_lname, owner_fname, owner_email, owner_phone
from pet_owner
order by upper(owner_lname) asc

</xsql:query>

```

### jhowners.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>J & H Clinic - Current Pet Owners</title>
    <style type="text/css">
      td {
        font-family:verdana,arial;
        font-size:18;
        background-color:#f7f7e7;
        color:#000000
      }
      th,table {
        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
      }</style>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpage1.html">
        
      </a>
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>

```

```

        <li>
            <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
            <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
            <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
    </ul>
</div>
<div align="center">
    <h1>Current Pet Owners</h1>
    <table border="0">
        <tr>
            <th>Owner ID</th>
            <th>Last Name</th>
            <th>First Name</th>
            <th>E-Mail Address</th>
            <th>Phone</th>
        </tr>
        <xsl:for-each select="ROWSET/ROW">
            <tr>
                <td>
                    <xsl:value-of select="OWNER_ID"/>
                </td>
                <td>
                    <xsl:value-of select="OWNER_LNAME"/>
                </td>
                <td>
                    <xsl:value-of select="OWNER_FNAME"/>
                </td>
                <td>
                    <xsl:value-of select="OWNER_EMAIL"/>
                </td>
                <td>
                    <xsl:value-of select="OWNER_PHONE"/>
                </td>
            </tr>
        </xsl:for-each>
    </table>
</div>
</body>
</html>

```

### petowneradd.html

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=windows-
1252"/>
        <link rel="stylesheet" type="text/css" href="242style1.css"/>

```

```

<title>Enter New Owner Info</title>

</head>
<body>
  <div id="left">
    
    <ul>
      <li>
        <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
      </li>
      <li>
        <p class="small"><a href="jhvets.xsql">Vets</a></p>
      </li>
      <li>
        <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
      </li>
      <li>
        <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
      </li>
      <li>
        <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
      </li>
      <li>
        <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
      </li>
    </ul>
  </div>
  <h1 align="center">Enter New Owner Info</h1>
  <form name="petowner" action="petowneraddq.xsql" method="post">
    <table cellspacing="2" cellpadding="3" border="0">
      <tr>
        <td width="25%"><p>First Name:</p></td>
        <td>
          <input type="text" name="ownerfirstname" maxlength="30"
size="30"/>
        </td>
      </tr>
      <tr>
        <td width="25%"><p>Last Name:</p></td>
        <td>
          <input type="text" name="ownerlastname" maxlength="30"
size="30"/>
        </td>
      </tr>
      <tr>
        <td width="25%"><p>Initial:</p></td>
        <td>
          <input type="text" name="ownerinit" maxlength="5" size="5"/>
        </td>
      </tr>
    </table>
  </form>

```

```

        <tr>
            <td width="25%"><p>Phone:</p></td>
            <td>
                <input type="text" name="ownerphone" maxlength="10"
size="10"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>E-mail:</p></td>
            <td>
                <input type="text" name="owneremail" maxlength="30"
size="30"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>Home address:</p></td>
            <td>
                <input type="text" name="ownerhomeaddress" maxlength="30"
size="30"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>City:</p></td>
            <td>
                <input type="text" name="ownerhomecity" maxlength="30"
size="30"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>State:</p></td>
            <td>
                <input type="text" name="ownerhomestate" maxlength="2"
size="2"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>Zip:</p></td>
            <td>
                <input type="text" name="ownerhomezip" maxlength="10"
size="10"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>Billing address:</p></td>
            <td>
                <input type="text" name="ownerbillingaddress" maxlength="30"
size="30"/>
            </td>
        </tr>
        <tr>
            <td width="25%"><p>City:</p></td>
            <td>
                <input type="text" name="ownerbillingcity" maxlength="30"
size="30"/>
            </td>
        </tr>
        <tr>

```

```

        <td width="25%"><p>State:</p></td>
        <td>
            <input type="text" name="ownerbillingstate" maxlength="2"
size="2"/>
        </td>
    </tr>
    <tr>
        <td width="25%"><p>Zip:</p></td>
        <td>
            <input type="text" name="ownerbillingzip" maxlength="10"
size="10"/>
        </td>
    </tr>
    <tr>
        <td colspan="2">
            <input type="reset" value="CLEAR" /><input type="submit"
name="execute" value="RECORD"/>
        </td>
    </tr>
</table>

</form>
</body>

</html>

```

### petowneraddq.xsql

```

<?xml version = '1.0' encoding = 'windows-1252'?>

<?xml-stylesheet type="text/xsl" href="petowneraddl.xsl" ?>
<xsql:dml connection="group2"

    xmlns:xsql="urn:oracle-xsql" commit="yes">
<![CDATA[
DECLARE

ownerhomeadd char(30);
ownerbillingadd char (30);
ownerid      integer(5);

BEGIN

ownerhomeadd      := '{@ownerhomeaddress}';
ownerbillingadd  := '{@ownerbillingaddress}';

select max(owner_id) + 1 into ownerid
from pet_owner;

insert into pet_owner

(owner_id,owner_fname,owner_lname,owner_init,owner_phone,owner_email,owner_start)
values(ownerid,'{@ownerfirstname}','{@ownerlastname}','{@ownerinit}','
' {@ownerphone}','{@owneremail}',trunc(current_date)
);
COMMIT;

```

```

if ownerhomeadd <>' ' then
insert into owner_address
(owner_id,address_type,address_street,address_city,address_state,address
_zip)
values
(ownerid,'R','{@ownerhomeaddress}','{@ownerhomecity}','{@ownerhomestate}
','{@ownerhomezip}');
COMMIT;
end if;

if ownerbillingadd <> ' ' then
insert into owner_address

(owner_id,address_type,address_street,address_city,address_state,address
_zip)
values

(ownerid,'B','{@ownerbillingaddress}','{@ownerbillingcity}','{@ownerbill
ingstate}','{@ownerbillingzip}');
COMMIT;
END IF;
COMMIT;
END;

]]>
</xsql:dml>

```

### ownerupdate1.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <title>J & H Clinic - Update Owner Information</title>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpage1.html">
        
      </a>
      <ul>
        <li>
          <p class="small">
            <a href="j-hfrontpage1.html">Home</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="jhvets.xsql">Vets</a>
          </p>
        </li>
        <li>
          <p class="small">

```

```

        <a href="jhtechs.xsql">Technicians</a>
    </p>
</li>
<li>
    <p class="small">
        <a href="j-hscenario.html">Case Scenario</a>
    </p>
</li>
<li>
    <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
</li>
<li>
    <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
</li>
</ul>
</div>
<h1>Update Owner Information</h1>
<form name="ownerupdate1" action="ownerupdate1.xsql"
method="post">
    <table>
        <tr>
            <td><p>Owner ID:</p></td>
            <td><input type="text" name="ownerid" size="10"
maxlength="10"/></td>
        </tr>
        <tr>
            <td colspan="2"><input type="submit" value="Send"
/></td>
        </tr>
    </table>
</form>
</body>
</html>

```

### ownerupdate1.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="ownerupdate1.xsl" ?>
<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >
select    PET_OWNER.OWNER_ID,
          PET_OWNER.OWNER_FNAME,
          PET_OWNER.OWNER_LNAME,
          PET_OWNER.OWNER_INIT,
          PET_OWNER.OWNER_PHONE,
          PET_OWNER.OWNER_EMAIL
from      PET_OWNER
where     PET_OWNER.OWNER_ID = {@ownerid}

</xsql:query>

```

### ownerupdate1.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <head>

```

```

<title>Update Owner Information</title>
<link rel="stylesheet" type="text/css" href="242style1.css"/>
</head>
<body>
  <div id="left">
    <a href="j-hfrontpage1.html">
      
    </a>
    <ul>
      <li>
        <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
      </li>
      <li>
        <p class="small"><a href="jhvets.xsql">Vets</a></p>
      </li>
      <li>
        <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
      </li>
      <li>
        <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
      </li>
      <li>
        <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
      </li>
      <li>
        <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
      </li>
    </ul>
  </div>
  <h1>Update Owner Information</h1>
  <form name="ownerupdate2" action="ownerupdate2.xsql"
method="post">
    <xsl:for-each select="ROWSET/ROW">
      <table>
        <th colspan="2">Owner ID <xsl:variable
name="owneridxx"><xsl:value-of select="OWNER_ID"/></xsl:variable><input
type="text" name="ownerid" maxlength="6" size="6" value="{ $owneridxx }"
readonly="readonly"/></th>
        <tr>
          <td><p>First name:</p></td>
          <td><xsl:variable name="fnamexx"><xsl:value-of
select="OWNER_FNAME"/></xsl:variable><input type="text" name="fname"
maxlength="30" size="15" value="{ $fnamexx }"/>
          </td>
        </tr>
        <tr>
          <td><p>Last name:</p></td>
          <td><xsl:variable name="lnamexx"><xsl:value-of
select="OWNER_LNAME"/></xsl:variable><input type="text" name="lname"
maxlength="30" size="15" value="{ $lnamexx }"/></td>

```



```

        </tr>
        <tr>
            <td><p>Middle initial:</p></td>
            <td><xsl:variable name="initxx"><xsl:value-of
select="OWNER_INIT"/></xsl:variable><input type="text" name="init"
maxlength="30" size="15" value="{ $initxx }"/></td>
        </tr>
        <tr>
            <td><p>Phone:</p></td>
            <td><xsl:variable name="phonexx"><xsl:value-of
select="OWNER_PHONE"/></xsl:variable><input type="text" name="phone"
maxlength="30" size="15" value="{ $phonexx }"/></td>
        </tr>
        <tr>
            <td><p>E-mail:</p></td>
            <td><xsl:variable name="emailxx"><xsl:value-of
select="OWNER_EMAIL"/></xsl:variable><input type="text" name="email"
maxlength="30" size="15" value="{ $emailxx }"/></td>
        </tr>
        <tr>
            <td colspan="2"><p align="right"><input type="reset"
value="Start Over"/> <input type="submit" value="Send"/></p></td>
        </tr>
    </table>
</xsl:for-each>
</form>
</body>
</html>

```

### ownerupdate2.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="ownerupdate2.xsl" ?>
<xsql:dml connection="group2" xmlns:xsql="urn:oracle-xsql"
commit="yes"><![CDATA[

BEGIN

update    PET_OWNER
set       OWNER_FNAME = '{@fname}',
          OWNER_LNAME = '{@lname}',
          OWNER_INIT  = '{@init}',
          OWNER_PHONE = {@phone},
          OWNER_EMAIL = '{@email}'

where    OWNER_ID = '{@ownerid}';

COMMIT;
END;
]]></xsql:dml>

```

### ownerupdate2.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <head>
        <link rel="stylesheet" type="text/css" href="242style1.css"/>
        <title>J & H Dog and Cat Clinic</title>
    </head>

```

```

</head>
<body>
  <div id="left">
    
    <ul>
      <li>
        <p class="small"><a href="j-
hfrontpagel.html">Home</a></p>
      </li>
      <li>
        <p class="small"><a href="jhvets.xsql">Vets</a></p>
      </li>
      <li>
        <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
      </li>
      <li>
        <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
      </li>
      <li>
        <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
      </li>
      <li>
        <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
      </li>
    </ul>
  </div>
  <p class="center">The record has been updated.</p>
</body>
</html>

```

### jhaddressupdate1.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <title>
      J & H Clinic - Update Address
    </title>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpagel.html">
        
      </a>
      <ul>
        <li>
          <p class="small">

```

```

        <a href="j-hfrontpage1.html">Home</a>
    </p>
</li>
<li>
    <p class="small">
        <a href="jhvets.xsql">Vets</a>
    </p>
</li>
<li>
    <p class="small">
        <a href="jhtechs.xsql">Technicians</a>
    </p>
</li>
<li>
    <p class="small">
        <a href="j-hscenario.html">Case Scenario</a>
    </p>
</li>
<li>
    <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
</li>
<li>
    <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
</li>
</ul>
</div>
<h1>Update Address Information</h1>
<form name="addressupdate1" action="jhaddressupdate1.xsql"
method="post">
    <table>
        <tr>
            <td><p>Owner ID:</p></td>
            <td><p><input type="text" name="ownerid" size="10"
maxlength="10"/></p></td>
        </tr>
        <tr>
            <td><p>Type of address to update:</p></td>
            <td><p><input type="radio" name="addresstype"
value="R"/> Residential<br />
                <input type="radio" name="addresstype"
value="B"/> Billing</p></td>
        </tr>
        <tr>
            <td colspan="2"><p align="right"><input type="reset"
value="Start Over"/> <input type="submit" value="Send"/></p></td>
        </tr>
    </table>
</form>
</body>
</html>

```

### jhaddressupdate1.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhaddressupdate1.xsl" ?>

```

```

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select      OWNER_ADDRESS.OWNER_ID,
            OWNER_ADDRESS.ADDRESS_STREET,
            OWNER_ADDRESS.ADDRESS_CITY,
            OWNER_ADDRESS.ADDRESS_STATE,
            OWNER_ADDRESS.ADDRESS_ZIP,
            OWNER_ADDRESS.ADDRESS_TYPE
from        OWNER_ADDRESS
where       OWNER_ADDRESS.OWNER_ID = {@ownerid}
and         OWNER_ADDRESS.ADDRESS_TYPE = '{@adresstype}'

</xsql:query>

```

### jhaddressupdate1.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>Update Owner Information</title>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
  </head>
  <body>
    <div id="left">
      <a href="j-hfrontpage1.html">
        
      </a>
      <ul>
        <li>
          <p class="small">
            <a href="j-hfrontpage1.html">Home</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="jhvets.xsql">Vets</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="jhtechs.xsql">Technicians</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="j-hscenario.html">Case Scenario</a>
          </p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet

```

```

Owners</a></p>
    </li>
  </ul>
</div>
<h1>Update Address Information</h1>
<form action="jhaddressupdate2.xsql" method="post"
name="addressupdate2">
  <xsl:for-each select="ROWSET/ROW">
    <table>
      <th>Owner ID <xsl:variable name="owneridxx"><xsl:value-
of select="OWNER_ID"/></xsl:variable><input type="text" name="ownerid"
maxlength="5" size="5" value="{\$owneridxx}" readonly="readonly"/></th>
      <th>Address type <xsl:variable name="type"><xsl:value-of
select="ADDRESS_TYPE"/></xsl:variable><input type="text" name="addtype"
maxlength="2" size="2" value="{\$type}" readonly="readonly"/></th>
      <tr>
        <td><p>Street:</p></td>
        <td><xsl:variable name="streetxx"><xsl:value-of
select="ADDRESS_STREET"/></xsl:variable><input type="text" name="street"
maxlength="50" size="30" value="{\$streetxx}"/></td>
      </tr>
      <tr>
        <td><p>City:</p></td>
        <td><xsl:variable name="cityxx"><xsl:value-of
select="ADDRESS_CITY"/></xsl:variable><input type="text" name="city"
maxlength="30" size="20" value="{\$cityxx}"/></td>
      </tr>
      <tr>
        <td><p>State:</p></td>
        <td><xsl:variable name="statexx"><xsl:value-of
select="ADDRESS_STATE"/></xsl:variable><input type="text" name="state"
maxlength="3" size="3" value="{\$statexx}"/></td>
      </tr>
      <tr>
        <td><p>Zip code:</p></td>
        <td><xsl:variable name="zipxx"><xsl:value-of
select="ADDRESS_ZIP"/></xsl:variable><input type="text" name="zip"
maxlength="11" size="11" value="{\$zipxx}"/></td>
      </tr>
      <tr>
        <td colspan="2"><p align="right"><input type="reset"
value="Start Over"/> <input type="submit" value="Send"/></p></td>
      </tr>
    </table>
  </xsl:for-each>
</form>
</body>
</html>

```

### jhaddressupdate2.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhaddressupdate2.xsl" ?>
<xsql:dml connection="group2" xmlns:xsql="urn:oracle-xsql"
commit="yes">
<![CDATA[

```

```

BEGIN

update   OWNER_ADDRESS
set      OWNER_ADDRESS.ADDRESS_STREET = '{@street}',
        OWNER_ADDRESS.ADDRESS_CITY = '{@city}',
        OWNER_ADDRESS.ADDRESS_STATE = '{@state}',
        OWNER_ADDRESS.ADDRESS_ZIP = '{@zip}'
where    OWNER_ADDRESS.OWNER_ID = '{@ownerid}'
and      OWNER_ADDRESS.ADDRESS_TYPE = '{@addtype}';

COMMIT;
END;
]]>

</xsql:dml>

```

### jhaddressupdate2.xsl

```

<?xml version="1.0" encoding="UTF-8"?>
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <title>J & H Dog and Cat Clinic</title>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <p class="center">The record has been updated.</p>

```

```

    </body>
</html>

```

## jhaddpet.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <title> J & H Clinic - Add a Pet </title>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>

    <h1>Add a Pet</h1>
    <form action="jhaddpet.xsql" method="post" name="addpet">
      <table>
        <tr>
          <td>
            <p style="text-align:right">Owner's first
name:</p>
          </td>
          <td>
            <p><input type="text" name="ownerFname"
maxlength="40" size="20"/></p>
          </td>
        </tr>

```

```

        <tr>
            <td>
                <p style="text-align:right">Owner's last
name:</p>
            </td>
            <td>
                <p><input type="text" name="ownerLname"
maxlength="40" size="20" /></p>
            </td>
        </tr>
        <tr>
            <td>
                <p style="text-align:right">Pet's name:</p>
            </td>
            <td>
                <p><input type="text" name="petname"
maxlength="40" size="20" /></p>
            </td>
        </tr>
        <tr>
            <td>
                <p style="text-align:right">Species:</p>
            </td>
            <td>
                <p>
                    <input type="radio" name="species"
value="canine"/>dog <br />
                    <input type="radio" name="species"
value="feline"/>cat
                </p>
            </td>
        </tr>
        <tr>
            <td>
                <p style="text-align:right">Breed:</p>
            </td>
            <td>
                <p>
                    <input type="text" name="breed"
maxlength="40" size="20" />
                </p>
            </td>
        </tr>
        <tr>
            <td>
                <p style="text-align:right">Date of birth (dd-
mmm-yyyy) :</p>
            </td>
            <td>
                <p>
                    <input type="text" name="dob" maxlength="15"
size="15" />
                </p>
            </td>
        </tr>
        <tr>
            <td>

```



```

        <p style="text-align:right">Is this the pet's
actual date of birth?</p>
    </td>
    <td>
        <p>
            <input type="radio" name="dobact"
value="Y"/>Yes
            <br /><input type="radio" name="dobact"
value="N"/>No, it's an estimate
        </p>
    </td>
</tr>
<tr>
    <td>
        <p style="text-align:right">Sex:</p>
    </td>
    <td>
        <p><input type="radio" name="sex"
value="M"/>Male<br />
            <input type="radio" name="sex"
value="F"/>Female</p>
    </td>
</tr>
<tr>
    <td>
        <p style="text-align:right">Has the pet been
fixed?</p>
    </td>
    <td>
        <p><input type="radio" name="fixed"
value="Y"/>Yes<br />
            <input type="radio" name="fixed"
value="N"/>No</p>
    </td>
</tr>
<tr>
    <td>
        <p style="text-align:right">Prior medical
history for the pet (include any known allergies):</p>
    </td>
    <td>
        <textarea name="history" cols="40"
rows="5"></textarea>
    </td>
</tr>
<tr>
    <td colspan="2"><input type="reset" value="Start
Over"
            />&nbsp;&nbsp;&nbsp;<input type="submit"
name="send" value="Send"
            /></td>
</tr>
</table>
</form>
</body>
</html>

```

**jhaddpet.xsql**

```

<?xml version = '1.0' encoding = 'windows-1252'?>
<?xml-stylesheet type="text/xsl" href="jhaddpet.xsl" ?>

<xsql:dml connection="group2"

  xmlns:xsql="urn:oracle-xsql" commit="yes">
<![CDATA[
DECLARE

ownerid integer(5);
petid    integer(5);

BEGIN

select      OWNER_ID into ownerid
from        PET_OWNER
where       upper(OWNER_FNAME) = upper('{@ownerFname}')
and         upper(OWNER_LNAME) = upper('{@ownerLname}');

select max(pet_id) + 1 into petid
from pet;

insert into PET
  (PET_ID, OWNER_ID, PET_NAME, PET_SPECIES, PET_BREED, PET_DOB,
  PET_DOB_ACTUAL, PET_SEX, PET_FIXED, PET_HISTORY)
values
  ( petid, ownerid, '{@petname}', '{@species}', '{@breed}', '{@dob}',
  '{@dobact}', '{@sex}', '{@fixed}', '{@history}');

COMMIT;
END;

]]>
</xsql:dml>

```

**jhaddpet.xsl**

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <style type="text/css">
      td {
        font-family:verdana,arial;
        font-size:18;
        background-color:#f7f7e7;
        color:#000000
      }
      th,table {
        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
      }
    </style>
  </head>

```

```

    }
  </style>
  <title>Pet Added</title>
</head>
<body>
  <div id="left">
    
    <ul>
      <li>
        <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
      </li>
      <li>
        <p class="small"><a href="jhvets.xsql">Vets</a></p>
      </li>
      <li>
        <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
      </li>
      <li>
        <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
      </li>
      <li>
        <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
      </li>
      <li>
        <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
      </li>
    </ul>
  </div>
  <div align="center">
    <h1>Pet Added</h1>
    <table border="0">
      <tr>
        <th>PET'S NAME</th>
        <th>SPECIES</th>
        <th>BREED</th>
        <th>DOB</th>
        <th>ACTUAL DOB Y/N</th>
        <th>SEX</th>
        <th>FIXED Y/N</th>
        <th>PRIOR HISTORY</th>
      </tr>
      <xsl:for-each select="ROWSET/ROW">
        <tr>
          <td>
            <xsl:value-of select="PET_NAME"/>
          </td>
          <td>
            <xsl:value-of select="PET_SPECIES"/>
          </td>
          <td>

```

```

        <xsl:value-of select="PET_BREED"/>
      </td>
      <td>
        <xsl:value-of select="PET_DOB"/>
      </td>
      <td>
        <xsl:value-of select="PET_DOB_ACTUAL"/>
      </td>
      <td>
        <xsl:value-of select="PET_SEX"/>
      </td>
      <td>
        <xsl:value-of select="PET_FIXED"/>
      </td>
      <td>
        <xsl:value-of select="PET_HISTORY"/>
      </td>
    </tr>
  </xsl:for-each>
</table>
</div>
</body>
</html>

```

### jhdeleteowner.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <title> J & H Clinic - Delete an Owner and all Pet
Information </title>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
      </ul>
    </div>

```

```

<h1>Delete Owner</h1>
<form action="jhdeleteowner.xsql" method="post" name="addpet">
  <table>
    <tr>
      <td>
        <p style="text-align:right">Owner's first
name:</p>
      </td>
      <td>
        <p><input type="text" name="ownerFname"
maxlength="40" size="20"/></p>
      </td>
    </tr>
    <tr>
      <td>
        <p style="text-align:right">Owner's last
name:</p>
      </td>
      <td>
        <p><input type="text" name="ownerLname"
maxlength="40" size="20 "/></p>
      </td>
    </tr>
    <tr>
      <td colspan="2"><input type="reset" value="Start
Over"
      />&nbsp;&nbsp;&nbsp;<input type="submit"
name="send" value="Search"
      /></td>
    </tr>
  </table>
</form>
</body>
</html>

```

### jhdeleteowner.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhdeleteowner.xsl" ?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select    PET_OWNER.OWNER_ID as
OWNER_ID,OWNER_FNAME,OWNER_INIT,OWNER_LNAME, OWNER_PHONE, OWNER_EMAIL
from      PET_OWNER
where     upper(OWNER_FNAME) = upper('{@ownerFname}')
and       upper(OWNER_LNAME) = upper('{@ownerLname}')

</xsql:query>

```

### jhdeleteowner.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>

```

```

<title>J & H Clinic - DELETE OWNER</title>
<style type="text/css">
  td {
    font-family:verdana,arial;
    font-size:18;
    background-color:#f7f7e7;
    color:#000000
  }
  th,table {
    font-family:verdana,arial;
    font-size:18;
    background-color:#cccc99;
    color:#336699
  }</style>
<link rel="stylesheet" type="text/css" href="242style1.css"/>
</head>
<body>

  <form action="jhdeleteowner2.xsql" method="post" name="deleteowner">
    <div id="left">
      <a href="j-hfrontpage1.html">
        
      </a>
      <ul>
        <li>
          <p class="small">
            <a href="j-hfrontpage1.html">Home</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="jhvets.xsql">Vets</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="jhtechs.xsql">Technicians</a>
          </p>
        </li>
        <li>
          <p class="small">
            <a href="j-hscenario.html">Case Scenario</a>
          </p>
        </li>
      </ul>
    </div>

    <div align="center">

      <h1>CONFIRM DELETE</h1>

      <table border="0">
        <tr>
          <th>ID</th>
          <th>FIRST NAME</th>

```

```

        <th>INITIAL</th>
        <th>LAST NAME</th>
        <th>PHONE</th>
        <th>EMAIL</th>
    </tr>
    <xsl:for-each select="ROWSET/ROW">
        <tr>
            <td>
                <xsl:variable
name="owner_idxxx"><xsl:value-of select="OWNER_ID"/></xsl:variable>
                <input type="text" name="ownerid"
maxlength="5" size="5" value="{ $owner_idxxx}" readonly="readonly"/>

            </td>

            <td>
                <xsl:value-of select="OWNER_FNAME"/>
            </td>
            <td>
                <xsl:value-of select="OWNER_INIT"/>
            </td>
            <td>
                <xsl:value-of select="OWNER_LNAME"/>
            </td>

            <td>
                <xsl:value-of select="OWNER_PHONE"/>
            </td>
            <td>
                <xsl:value-of select="OWNER_EMAIL"/>
            </td>
        </tr>
    </xsl:for-each>

    <tr>

        <td colspan="2"><input type="submit" name="send"
value="DELETE"
        /></td>
    </tr>
</table>

</div>

</form>
</body>
</html>

```

### jhdeleteowner2.xsql

```

<?xml version="1.0" encoding="windows-1252"?>
<xsql:dml connection="group2" xmlns:xsql="urn:oracle-xsql"
commit="yes"><![CDATA[
DECLARE

```

```
ownerid integer(5);

BEGIN

delete
from abuse
where visit_id in
(select visit_id
from visit
where pet_id in
(select pet_id
from pet
where owner_id = {@ownerid}));
COMMIT;

delete
from diagnosis
where visit_id in
(select visit_id
from visit
where pet_id in
(select pet_id
from pet
where owner_id = {@ownerid}));
COMMIT;

delete
from vaccination
where visit_id in
(select visit_id
from visit
where pet_id in
(select pet_id
from pet
where owner_id = {@ownerid}));
COMMIT;

delete
from visit_charge
where visit_id in
(select visit_id
from visit
where pet_id in
(select pet_id
from pet
where owner_id = {@ownerid}));
COMMIT;

delete
from visit
where pet_id in
(select pet_id
from pet
where owner_id = {@ownerid});
COMMIT;
```



```

delete
from appointment
where pet_id in
(select pet_id
from pet
where owner_id = {@ownerid});
COMMIT;

delete    from pet
where    owner_id = {@ownerid};
COMMIT;

delete    from OWNER_ADDRESS
where    owner_ID = {@ownerid};
COMMIT;

delete    from PET_OWNER
where    OWNER_ID = {@ownerid};

COMMIT;
END;

]]></xsql:dml>

```

## q2.html

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=windows-
1252"></meta>
    <link rel="stylesheet" type="text/css" href="242style1.css" />
    <title>QUERY BY A PET_ID</title>

  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
      </ul>
    </div>
  </body>
</html>

```

```

        <li>
            <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
            <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
    </ul>
</div>

<table>
<tr>
<td>
<form name="PETQUERYFORM" action="petq2a.xsql" method="post">
    <h1>VISIT QUERY BY PET ID</h1>
    <p>
        Enter Pet ID
    <input type="text" name="petid" maxlength="40" size="40"/>
    </p>
    <p>
        <input type="submit" name="q2" value="Execute"/>
    </p>
</td>
</tr>
</table>
</form>

</body>
</html>

```

### petq2a.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="petq2html.xsl"?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

Select    PET_NAME, TRUNC(VISIT_INDAY) as "VISIT_DAY", VISIT_REASON
from      VISIT, PET
where     VISIT.PET_ID = PET.PET_ID
         and     VISIT.PET_ID = {@petid}
order    by VISIT_INDAY DESC

</xsql:query>

```

### petq2html.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>PAST VISITS FOR A SPECIFIC PET ID</title>
    <style>
      td {font-family:verdana,arial; font-size:18;
          background-color:#f7f7e7; color:#000000 }
    </style>
  </head>

```

```

th,table {font-family:verdana,arial; font-size:18;
background-color:#cccc99; color:#336699 }
</style>
<link rel="stylesheet" type="text/css" href="242style1.css"/>
</head>
<body>

<div id="left">
  
  <ul>
    <li>
      <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
    </li>
    <li>
      <p class="small"><a href="jhvets.xsql">Vets</a></p>
    </li>
    <li>
      <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
    </li>
    <li>
      <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
    </li>
    <li>
      <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
    </li>
    <li>
      <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
    </li>
  </ul>
</div>

<center><h1>PAST VISITS</h1></center>

<div align="center">

<table border="0">
  <tr>
    <th>NAME</th>
    <th>VISIT_DAY</th>
    <th>VISIT_REASON</th>
  </tr>

  <xsl:for-each select="ROWSET/ROW">
    <tr>
      <td>
        <xsl:value-of select="PET_NAME"/>
      </td>
      <td>
        <xsl:value-of select="VISIT_DAY"/>
      </td>
    </tr>
  </xsl:for-each>
</div>

```

```

        <td>
            <xsl:value-of select="VISIT_REASON"/>
        </td>
    </tr>
</xsl:for-each>
</table>
</div>
</body>
</html>

```

## jyvisitbyname.html

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css" />
    <title>J & H Clinic - Past Visits by Name</title>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <h1>Find past visits by name</h1>
    <form name="visitbyname" action="jykvisitbyname.xsql"
method="post">
      <table>
        <tr>
          <td><p>Owner's first name:</p></td>

```

```

                <td><input type="text" name="ownerFname"
maxlength="40" size="20" /></td>
            </tr>
            <tr>
                <td><p>Owner's last name:</p></td>
                <td><input type="text" name="ownerLname"
maxlength="" size="20" /></td>
            </tr>
            <tr>
                <td><p>Pet's name:</p></td>
                <td><input type="text" name="petname" maxlength=""
size="20" /></td>
            </tr>
            <tr>
                <td colspan="2"><input type="reset" value="Start
Over" />&nbsp;&nbsp;&nbsp;<input type="submit" name="send" value="Send"
/></td>
            </tr>
        </table>
    </form>
</body>
</html>

```

### jykvisitbyname.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jykvisitbyname.xsl" ?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

    select      PET.PET_NAME as PET_NAME,
                trunc(VISIT.VISIT_INDAY) as VISIT_DAY,
                VISIT.VISIT_REASON as VISIT_REASON
    from        PET, VISIT, PET_OWNER
    where       PET.PET_ID = VISIT.PET_ID
    and         PET_OWNER.OWNER_ID = PET.OWNER_ID
    and         upper(PET_OWNER.OWNER_FNAME) = upper('{@ownerFname}')
    and         upper(PET_OWNER.OWNER_LNAME) = upper('{@ownerLname}')
    and         upper(PET.PET_NAME) = upper('{@petname}')
</xsql:query>

```

### jykvisitbyname.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <head>
        <title>Past Visits</title>
        <style type="text/css">
            td {
                font-family:verdana,arial;
                font-size:18;
                background-color:#f7f7e7;
                color:#000000
            }
        </style>
        <th,table {

```

```

        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
    }</style>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
</head>
<body>
    <div id="left">
        <a href="j-hfrontpage1.html">
            
        </a>
        <ul>
            <li>
                <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
            </li>
            <li>
                <p class="small"><a href="jhvets.xsql">Vets</a></p>
            </li>
            <li>
                <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
            </li>
            <li>
                <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
            </li>
            <li>
                <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
            </li>
            <li>
                <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
            </li>
        </ul>
    </div>
    <h1>Past Visits</h1>

    <div align="center">
        <table border="0">
            <tr>
                <th>NAME</th>
                <th>DATE</th>
                <th>REASON</th>
            </tr>
            <xsl:for-each select="ROWSET/ROW">
                <tr>
                    <td>
                        <xsl:value-of select="PET_NAME"/>
                    </td>
                    <td>
                        <xsl:value-of select="VISIT_DAY"/>
                    </td>
                </tr>
            </xsl:for-each>
        </table>
    </div>

```

```

        <td>
            <xsl:value-of select="VISIT_REASON"/>
        </td>
    </tr>
</xsl:for-each>
</table>
</div>
</body>
</html>

```

## jhapp2.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=windows-
1252"></meta>
    <title>Find an appointment</title>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>

    <table>
    <tr>
    <td>
      <form name="APPTFORM"

```

```

        action="jhapt.xsql"
        method="post">
        <h1>Find appointment by date</h1>
        <p>
            Enter Date (dd-mon-yy)
            <input type="text" name="appt_date" maxlength="40"
            size="40"/>
        </p>
        <p>
            <input type="submit" name="submit" value="Submit"/>
        </p>
    </td>
</tr>
</table>
</form></body>
</html>

```

### jhapt.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhapt.xsl"?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select      "STAFF"."STAFF_LNAME" as "STAFF_LNAME",
            "APPOINTMENT"."APPT_DAY" as "APPT_DAY",
            TO_CHAR(APPT_TIME, 'HH:MI A.M.') as "APPT_TIME",
            "PET"."PET_NAME" as "PET_NAME",
            "PET_OWNER"."OWNER_LNAME" as "OWNER_LNAME",
            "PET"."PET_SPECIES" as "PET_SPECIES",
            "PET"."PET_BREED" as "PET_BREED",
            TRUNC(months_between(current_date, PET_DOB)/12) as "AGE-YEARS",
            MOD(TRUNC((months_between(current_date, PET_DOB))),12) as "AGE-
MONTHS",
            "APPOINTMENT"."APPT_REASON" as "APPT_REASON"
from        "APPOINTMENT" "APPOINTMENT",
            "STAFF" "STAFF",
            "PET" "PET",
            "PET_OWNER" "PET_OWNER"
where       "PET"."PET_ID"="APPOINTMENT"."PET_ID"
and         "PET_OWNER"."OWNER_ID"="PET"."OWNER_ID"
and         "STAFF"."STAFF_ID"="APPOINTMENT"."STAFF_ID"
and         TRUNC(APPT_DAY)='{@appt_date}'
order by   STAFF.STAFF_LNAME ASC, APPOINTMENT.APPT_DAY ASC,
APPOINTMENT.APPT_TIME ASC

</xsql:query>

```

### jhapt.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <head>
        <link rel="stylesheet" type="text/css" href="242style1.css"/>
        <style type="text/css">

```



```

        td {
            font-family:verdana,arial;
            font-size:18;
            background-color:#f7f7e7;
            color:#000000
        }
        th,table {
            font-family:verdana,arial;
            font-size:18;
            background-color:#cccc99;
            color:#336699
        }
    </style>
    <title>Appointments by date</title>
</head>
<body>
    <div id="left">
        
        <ul>
            <li>
                <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
            </li>
            <li>
                <p class="small"><a href="jhvets.xsql">Vets</a></p>
            </li>
            <li>
                <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
            </li>
            <li>
                <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
            </li>
            <li>
                <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
            </li>
            <li>
                <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
            </li>
        </ul>
    </div>

    <div align="center">
        <h1>Appointments by date</h1>
        <table border="0">
            <tr>
                <th>STAFF</th>
                <th>DAY</th>
                <th>TIME</th>
                <th>PET</th>
                <th>OWNER</th>
                <th>SPECIES</th>
            </tr>
        </table>
    </div>

```

```

        <th>BREED</th>
        <th>AGE-YEARS</th>
        <th>AGE-MONTHS</th>
        <th>APPT_REASON</th>

</tr>

<xsl:for-each select="ROWSET/ROW">
  <tr>
    <td>
      <xsl:value-of select="STAFF_LNAME"/>
    </td>
    <td>
      <xsl:value-of select="APPT_DAY"/>
    </td>
    <td>
      <xsl:value-of select="APPT_TIME"/>
    </td>
    <td>
      <xsl:value-of select="PET_NAME"/>
    </td>
    <td>
      <xsl:value-of select="OWNER_LNAME"/>
    </td>
    <td>
      <xsl:value-of select="PET_SPECIES"/>
    </td>
    <td>
      <xsl:value-of select="PET_BREED"/>
    </td>
    <td>
      <xsl:value-of select="AGE-YEARS"/>
    </td>
    <td>
      <xsl:value-of select="AGE-MONTHS"/>
    </td>
    <td>
      <xsl:value-of select="APPT_REASON"/>
    </td>
  </tr>
</xsl:for-each>
</table>
</div>
</body>
</html>

```

### jhcharges.html

```

<!DOCTYPE html SYSTEM "http://www.w3.org/TR/xhtml1/DTD/xhtml1-
transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=windows-
1252"></meta>
    <title>Total Charges</title>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>

```

```

</head>
<body>
  <div id="left">
    
    <ul>
      <li>
        <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
      </li>
      <li>
        <p class="small"><a href="jhvets.xsql">Vets</a></p>
      </li>
      <li>
        <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
      </li>
      <li>
        <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
      </li>
      <li>
        <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
      </li>
      <li>
        <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
      </li>
    </ul>
  </div>

  <form name="CHARGEFORM" action="jhcharges.xsql" method="post">
    <h1>Find total charges by pet ID number or name</h1>
    <table>
      <tr>
        <td><p>Pet ID:</p></td>
        <td><input type="text" name="petnumber"
value="99999" maxlength="5" size="5" /></td>
      </tr>
      <tr>
        <td><p>Pet name:</p></td>
        <td><input type="text" name="petname" maxlength="40"
size="20" /></td>
      </tr>
      <tr>
        <td colspan="2"><input type="reset" value="Start
Over" />&nbsp;&nbsp;&nbsp;<input type="submit" name="send" value="Send"
/></td>
      </tr>
    </table>

  </form>
</body>
</html>

```

## jhcharges.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="jhcharges.xsl"?>
<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql"
petID="99999">

SELECT VISIT_CHARGE.VISIT_ID as VISIT_ID,
PET.PET_ID AS PET_ID,
PET.PET_NAME as PET_NAME,
TRUNC(VISIT.VISIT_INDAY) as VISIT_INDAY,
SUM(FEE_SCHEDULE.CHARGE_AMNT*VISIT_CHARGE.CHARGE_QUANT) as TOTAL_CHARGE

FROM          PET, VISIT, VISIT_CHARGE, FEE_SCHEDULE
WHERE          VISIT_CHARGE.CHARGE_ID=FEE_SCHEDULE.CHARGE_ID
and           VISIT.PET_ID=PET.PET_ID
and           VISIT.VISIT_ID=VISIT_CHARGE.VISIT_ID
and           ((VISIT.PET_ID={@petnumber}) or
upper(PET.PET_NAME)=upper('{@petname}'))
GROUP BY VISIT_CHARGE.VISIT_ID, PET.PET_ID, PET.PET_NAME,
TRUNC(VISIT.VISIT_INDAY)
ORDER BY VISIT_CHARGE.VISIT_ID

</xsql:query>

```

## jhcharges.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>Visit Charges</title>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
    <style type="text/css">
      td {
        font-family:verdana,arial;
        font-size:18;
        background-color:#f7f7e7;
        color:#000000
      }
      th,table {
        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
      }
    </style>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-

```

```

hfrontpage1.html">Home</a></p>
    </li>
    <li>
      <p class="small"><a href="jhvets.xsql">Vets</a></p>
    </li>
    <li>
      <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
    </li>
    <li>
      <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
    </li>
    <li>
      <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
    </li>
    <li>
      <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
    </li>
  </ul>
</div>

```

```
<div align="center">
```

```
<h1>Pet Total Charges at J and H Clinic</h1>
```

```
<table border="0">
```

```

  <tr>
    <th>Visit ID</th>
    <th>Pet ID</th>
    <th>Pet Name</th>
    <th>Date of Visit</th>
    <th>Total Charge</th>

```

```
</tr>
```

```
<xsl:for-each select="ROWSET/ROW">
```

```

  <tr>
    <td>
      <xsl:value-of select="VISIT_ID"/>
    </td>
    <td>
      <xsl:value-of select="PET_ID"/>
    </td>
    <td>
      <xsl:value-of select="PET_NAME"/>
    </td>
    <td>
      <xsl:value-of select="VISIT_INDAY"/>
    </td>
    <td>
      <xsl:value-of select="TOTAL_CHARGE"/>
    </td>

```

```
</tr>
```

```

        </xsl:for-each>
    </table>
</div>
</body>
</html>

```

## diagquery.html

```

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
  <head>
    <link rel="stylesheet" type="text/css" href="242style1.css" />
    <title>J & H Clinic - Past Diagnoses by Pet ID or
Name</title>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <h1>Find past diagnoses by pet ID or name</h1>
    <form name="diagquery" action="diagquery.xsql" method="post">
      <table>
        <tr>
          <td><p>Pet ID:</p></td>
          <td><input type="text" name="petID" value="99999"
maxlength="5" size="5" /></td>
        </tr>
        <tr>
          <td><p>Pet name:</p></td>

```

```

                <td><input type="text" name="petName" maxlength="40"
size="20" /></td>
            </tr>
            <tr>
                <td colspan="2"><input type="reset" value="Start
Over" />&nbsp;&nbsp;&nbsp;&nbsp;<input type="submit" name="send" value="Send"
/></td>
            </tr>
        </table>
    </form>
</body>
</html>

```

### diagquery.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="diagquery.xsl" ?>
<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql"
petID="99999" >
select          PET.PET_ID as PET_ID,
                PET.PET_NAME as PET_NAME,
                DIAG_DESCRIPT.DIAG_DESC as DIAG_DESC,
                trunc(VISIT.VISIT_INDAY) as VISIT_DATE
from            PET, DIAGNOSIS, DIAG_DESCRIPT, VISIT
where          VISIT.PET_ID=PET.PET_ID
and            VISIT.VISIT_ID=DIAGNOSIS.VISIT_ID
and            DIAGNOSIS.DIAG_ID=DIAG_DESCRIPT.DIAG_ID
and            ((PET.PET_ID = {@petID}) OR
upper(PET.PET_NAME)=upper (' {@petName} '))

</xsql:query>

```

### diagquery.xsl

```

<?xml version="1.0"?>
<!-- FAQ-IN-HTML.xsl: Transform ROWSET/ROW format into HTML format -->
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
    <head>
        <title>Past Diagnoses</title>
        <style type="text/css">
            td {
                font-family:verdana,arial;
                font-size:18;
                background-color:#f7f7e7;
                color:#000000
            }
            th,table {
                font-family:verdana,arial;
                font-size:18;
                background-color:#cccc99;
                color:#336699
            }</style>
        <link rel="stylesheet" type="text/css" href="242style1.css"/>
    </head>
    <body>
        <div id="left">
            
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>
        </li>
        <li>
          <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
          <p class="small"><a
href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
          <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
          <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
          <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
      </ul>
    </div>
    <h1>Past Diagnoses</h1>
    <div align="center">
      <table border="0">
        <tr>
          <th>PET ID</th>
          <th>PET NAME</th>
          <th>DIAGNOSIS</th>
          <th>DATE</th>
        </tr>
        <xsl:for-each select="ROWSET/ROW">
          <tr>
            <td>
              <xsl:value-of select="PET_ID"/>
            </td>
            <td>
              <xsl:value-of select="PET_NAME"/>
            </td>
            <td>
              <xsl:value-of select="DIAG_DESC"/>
            </td>
            <td>
              <xsl:value-of select="VISIT_DATE"/>
            </td>
          </tr>
        </xsl:for-each>
      </table>
    </div>
  </body>
</html>

```



## openabuse.xsql

```

<?xml version="1.0"?>
<?xml-stylesheet type="text/xsl" href="openabuse.xsl"?>

<xsql:query connection="group2" xmlns:xsql="urn:oracle-xsql" >

select      "PET"."PET_NAME" as "PET_NAME",
            "PET_OWNER"."OWNER_FNAME" as "OWNER_FNAME",
            "PET_OWNER"."OWNER_LNAME" as "OWNER_LNAME",
            "PET_OWNER"."OWNER_PHONE" as "OWNER_PHONE",
            trunc(VISIT.VISIT_INDAY) as "VISIT_INDAY",
            "ABUSE"."ABUSE_SEVERITY" as "ABUSE_SEVERITY",
            "ABUSE"."ABUSE_DESC" as "ABUSE_DESC"
from        "ABUSE" "ABUSE",
            "PET" "PET",
            "VISIT" "VISIT",
            "PET_OWNER" "PET_OWNER"
where       "ABUSE"."VISIT_ID"="VISIT"."VISIT_ID"
            and "VISIT"."PET_ID"="PET"."PET_ID"
            and "PET"."OWNER_ID"="PET_OWNER"."OWNER_ID"
            and "ABUSE"."ABUSE_CLOSEDAY" is null
order by   ABUSE.ABUSE_SEVERITY DESC

</xsql:query>

```

## openabuse.xsl

```

<?xml version="1.0"?>
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
  <head>
    <title>J & H Clinic - Vets</title>
    <style type="text/css">
      td {
        font-family:verdana,arial;
        font-size:18;
        background-color:#f7f7e7;
        color:#000000
      }
      th,table {
        font-family:verdana,arial;
        font-size:18;
        background-color:#cccc99;
        color:#336699
      }</style>
    <link rel="stylesheet" type="text/css" href="242style1.css"/>
  </head>
  <body>
    <div id="left">
      
      <ul>
        <li>
          <p class="small"><a href="j-
hfrontpage1.html">Home</a></p>

```

```

        </li>
        <li>
            <p class="small"><a href="jhvets.xsql">Vets</a></p>
        </li>
        <li>
            <p class="small"><a href="jhtechs.xsql">Technicians</a></p>
        </li>
        <li>
            <p class="small"><a href="j-hscenario.html">Case
Scenario</a></p>
        </li>
        <li>
            <p class="small"><a href="jhpets.xsql">Current
Patients</a></p>
        </li>
        <li>
            <p class="small"><a href="jhowners.xsql">Current Pet
Owners</a></p>
        </li>
    </ul>
</div>
<div align="center">
    <h1>Information concerning open cases of possible
abuse</h1>
    <table border="0">
    <tr>
        <th>PET NAME</th>
        <th>OWNER FIRST NAME</th>
        <th>OWNER LAST NAME</th>
        <th>OWNER PHONE NUMBER</th>
        <th>VISIT DATE</th>
        <th>SEVERITY</th>
        <th>DESCRIPTION</th>
    </tr>
    <xsl:for-each select="ROWSET/ROW">
    <tr>
        <td>
            <xsl:value-of select="PET_NAME"/>
        </td>
        <td>
            <xsl:value-of select="OWNER_FNAME"/>
        </td>
        <td>
            <xsl:value-of select="OWNER_LNAME"/>
        </td>
        <td>
            <xsl:value-of select="OWNER_PHONE"/>
        </td>
        <td>
            <xsl:value-of select="VISIT_INDAY"/>
        </td>
        <td>
            <xsl:value-of select="ABUSE_SEVERITY"/>
        </td>
        <td>

```

```
        <xsl:value-of select="ABUSE_DESC"/>
        </td>
    </tr>
</xsl:for-each>
</table>
</div>
</body>
</html>
```