BRIEF OVERVIEW

- Functionality implemented to date
- Current activities
- Plans for rest of semester
- Software demonstration
  - Reporting Application
  - I.S. Management Application
FUNCTIONALITY IMPLEMENTED TO DATE

- Login page
- Reporting Application (partially complete)
  - Site connections
  - Querying
  - Subscribing
  - Result viewing
- I.S. Management Application (complete)
  - User Manager
  - Profile Manager
  - Site Manager
  - Reporting Application
Login Page

- Created superuser
- Setup permissions for regular users
- Check active status of user
REPORTING APP – SITE CONNECTIONS

- Select a group of sites
- Select multiple, individual sites
- Hover tooltip displays description of groups and IP addresses of sites
REPORTING APP – QUERYING

- Create a query
- Save a query
- Execute a query
- Modify a query
- Query ownerships
- Query sharing
- Field validation
GUI for subscribing is set up, but functionality is not yet implemented
REPORTING APP – RESULT VIEWING

- Currently displays results in a gridview

<table>
<thead>
<tr>
<th>ID</th>
<th>firstHalf</th>
<th>secondHalf</th>
<th>total</th>
<th>company</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>50</td>
<td>78</td>
<td>128</td>
<td>Taco Bell</td>
</tr>
<tr>
<td>2</td>
<td>125000</td>
<td>500000000</td>
<td>167</td>
<td>Patterson</td>
</tr>
<tr>
<td>3</td>
<td>1525</td>
<td>15156</td>
<td>25251</td>
<td>Microsoft</td>
</tr>
<tr>
<td>4</td>
<td>33663</td>
<td>525</td>
<td>434435</td>
<td>Google</td>
</tr>
<tr>
<td>5</td>
<td>43636</td>
<td></td>
<td>41463</td>
<td>Yahoo</td>
</tr>
<tr>
<td>6</td>
<td>3626</td>
<td>8842</td>
<td>143456</td>
<td>McDonalds</td>
</tr>
<tr>
<td>7</td>
<td>3262</td>
<td>82</td>
<td>34134</td>
<td>Wal-Mart</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>2</td>
<td>721437</td>
<td>KFC</td>
</tr>
<tr>
<td>9</td>
<td>3</td>
<td>28</td>
<td>16136</td>
<td>A&amp;W</td>
</tr>
<tr>
<td>10</td>
<td>2366</td>
<td>282828</td>
<td>1846919</td>
<td>Long John Silver's</td>
</tr>
<tr>
<td>11</td>
<td>2636</td>
<td>828</td>
<td>18934</td>
<td>Pizza Hut</td>
</tr>
<tr>
<td>12</td>
<td>62</td>
<td>2</td>
<td>1</td>
<td>Wendy's</td>
</tr>
<tr>
<td>13</td>
<td>36781</td>
<td>282828</td>
<td>13</td>
<td>Walgreen's</td>
</tr>
<tr>
<td>14</td>
<td>122</td>
<td>828</td>
<td>2563</td>
<td>Huck's</td>
</tr>
<tr>
<td>15</td>
<td>3525</td>
<td>82</td>
<td>276</td>
<td>Pinch Penny Liquors</td>
</tr>
<tr>
<td>16</td>
<td>3778</td>
<td>7</td>
<td>7721</td>
<td>Six</td>
</tr>
<tr>
<td>17</td>
<td>223</td>
<td>6</td>
<td>131</td>
<td>17th Street</td>
</tr>
<tr>
<td>18</td>
<td>234</td>
<td>13</td>
<td>1777</td>
<td>Silkworm</td>
</tr>
<tr>
<td>19</td>
<td>123</td>
<td>325</td>
<td>2515</td>
<td>Jackson Hewitt</td>
</tr>
<tr>
<td>20</td>
<td>1000000</td>
<td>2000000</td>
<td>3000000</td>
<td>Sessions Inc.</td>
</tr>
</tbody>
</table>
I.S. APP – USER MANAGER

- Create user
- Modify user
  - Personal information
  - Permissions
  - Active status
- Delete user
<table>
<thead>
<tr>
<th>ID</th>
<th>firstname</th>
<th>lastname</th>
<th>email</th>
<th>securityProfile</th>
<th>status</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>michael</td>
<td>sessions</td>
<td><a href="mailto:mjdmnv@hotmail.com">mjdmnv@hotmail.com</a></td>
<td>10</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>4</td>
<td>kyle</td>
<td>kerrigan</td>
<td><a href="mailto:kyle@kyle.com">kyle@kyle.com</a></td>
<td>1</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>8</td>
<td>Austyn</td>
<td>Krutsinger</td>
<td><a href="mailto:austyn@siu.edu">austyn@siu.edu</a></td>
<td>0</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>23</td>
<td>Iain</td>
<td>Smith</td>
<td><a href="mailto:smith@lain.com">smith@lain.com</a></td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Sean</td>
<td>Connery</td>
<td><a href="mailto:connery@sean.com">connery@sean.com</a></td>
<td>10</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>27</td>
<td>bill</td>
<td>clinton</td>
<td><a href="mailto:billybob@hotmail.com">billybob@hotmail.com</a></td>
<td>10</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>28</td>
<td>John</td>
<td>Wayne</td>
<td><a href="mailto:western@yahoo.com">western@yahoo.com</a></td>
<td>10</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Sarah</td>
<td>Palin</td>
<td><a href="mailto:alaskaRULZ@al.us">alaskaRULZ@al.us</a></td>
<td>11</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>30</td>
<td>McGruff</td>
<td>CrimeDog</td>
<td><a href="mailto:kids_dont_smoke@stopCrime.com">kids_dont_smoke@stopCrime.com</a></td>
<td>10</td>
<td>1</td>
<td>Edit</td>
</tr>
<tr>
<td>31</td>
<td>Barney</td>
<td>Rubble</td>
<td><a href="mailto:yabada@do.com">yabada@do.com</a></td>
<td>11</td>
<td>1</td>
<td>Edit</td>
</tr>
</tbody>
</table>

**User Information**

Security Profile: Administrator

First name: 
User Information

Security Profile: Administrator

First name:

Last name:

Email:

Password:

Re-type Password:

Permissions:

- subscriptionField
  - Controls access to the subscription field

- customQuery
  - Controls access to the ability to make custom queries

- saveQuery
  - Allows one to save a query

- executeQuery
  - Allows one to execute a query

- viewQueries
  - Allows one to view the drop-down list of stored queries

- viewSites
  - Allows one to view all sites in the Sites table

- viewGroups
  - Allows one to view the site groupings

Is User Active?

- Yes
- No

Create New User
I.S. APP – PROFILE MANAGER

- Create profile
- Modify profile
- Delete profile
<table>
<thead>
<tr>
<th>ID</th>
<th>name</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Administrator</td>
<td>Default top level account permission settings</td>
</tr>
<tr>
<td>12</td>
<td>Employee</td>
<td>Default user permission settings</td>
</tr>
<tr>
<td>13</td>
<td>Limited</td>
<td>Very limited permissions to restrict access to advanced functionality</td>
</tr>
</tbody>
</table>

**Profile Information**

- **Profile Name**
- **Description**

**Permissions**

- subscriptionField: Controls access to the subscription field
- customQuery: Controls access to the ability to make custom queries
- saveQuery: Allows one to save a query
- executeQuery: Allows one to execute a query
- viewQueries: Allows one to view the drop-down list of stored queries
- viewSites: Allows one to view all sites in the Sites table
- viewGroups: Allows one to view the site groupings

[Create New Security Profile]
I.S. APP – SITE MANAGER

- Create site
- Modify site
  + Group affiliation
  + Connection parameters
- Delete site
## Patterson Dental | nSite Central

### Site Manager

<table>
<thead>
<tr>
<th>ID</th>
<th>name</th>
<th>address</th>
<th>port</th>
<th>userID</th>
<th>password</th>
<th>groupID</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>testsite1</td>
<td>4.33.183.241</td>
<td>2000</td>
<td>mike</td>
<td>password3</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>mikes_apt</td>
<td>127.0.0.1</td>
<td>1500</td>
<td>Staples</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>kyles_place</td>
<td>127.0.0.1</td>
<td>1400</td>
<td>kyle</td>
<td>password</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>testSite2</td>
<td>5.88.72.248</td>
<td>1999</td>
<td>mike</td>
<td>password1</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>ryansapt</td>
<td>127.0.0.1</td>
<td>1344</td>
<td>ryan</td>
<td>password1</td>
<td>1</td>
</tr>
</tbody>
</table>

### Site Information

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site Name</td>
<td></td>
</tr>
<tr>
<td>IP Address</td>
<td></td>
</tr>
<tr>
<td>Port Number</td>
<td></td>
</tr>
<tr>
<td>User ID</td>
<td></td>
</tr>
<tr>
<td>Password</td>
<td></td>
</tr>
<tr>
<td>Group ID</td>
<td></td>
</tr>
</tbody>
</table>

[Create New Site]
I.S. APP - REPORTING APPLICATION

- Will be copied to I.S. App upon completion
CURRENT ACTIVITIES

- Working on implementing the ability to query remote databases
  - This has been problematic so far
- Working on formatting the results of queries using Crystal Reports
PLANS FOR REST OF SEMESTER

- Finish Reporting Application
  - Finish implementing the ability to query a remote database
  - Finish reporting formatting with Crystal Reports
  - Fully implement query subscriptions
  - Compile complete list of security items
  - Link sites to their corresponding groups
  - Insert a description field in the security database for the Site table to use as the new Site tooltip
  - When query is loaded, update the subscription checkbox accordingly
PLANS FOR REST OF SEMESTER (CONT.)

- Login page
  + Add sessions to nSite Central
  + Add superuser permissions (all)
- Write user manual for nSite Central
- Thoroughly test nSite Central
- Give final presentation