Fraternity Information Database

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http://web.engr.oregonstate.edu/~danm/cs275project/index?home=Home+Page

1. Introduction

We designed and created a database for the Oregon State Greek Life. The database will provide a pool of information of members in each fraternity, parties, and positions within each house. In OSU Greek Life, each member is associated with one fraternity; some members are able to be elected into a position, while some are not affiliated with any positions. This database also keeps track of attendance at parties, whether or not a member brought a guest, and if a member is sober and responsible for others in attendance. This program might actually be of use to a fraternity who is looking to keep track of members, position information, and party information.

The FRATERNITY entity has five attributes, with fName and Chapter being the primary keys. The other attributes are # of Members, Colors, and Address.

The MEMBER entity has seven attributes, with mName and sID being the primary keys. The MEMBER table contains two foreign keys in our relation table, fName and Chapter, in order to connect each member to their specific fraternity. The other attributes are Age and Year in the House, and Major.

The POSITION entity is denoted by the primary key pName and has Rank, Date Elected, and Description as its attributes. The foreign key sID is used to associate each member with a position.

The PARTY entity has partyName and Location (as in, which fraternity is hosting) as primary keys and has Date, Time, Theme, Additional Hosting Houses as its attributes. The two foreign keys in PARTY are fName and Chapter of the hosting house.

The ATTENDANCE entity has sID as its primary key. partyName and Location are its foreign keys. Its other attributes consist of whether a member is sober or not (denoted by "Sober Brother") and whether or not a member invited guests or a date.

Functionality

The user can print a list of every member in the fraternity. If desired, the user is able to select a member by their sID and get all the information on specified member. This database can hold information on parties, which the user could access, either to add an event or check on planned events. The user will also be able to see who was at a party and whether or not a specific member was sober or not. Position descriptions and ranks are available to the user, as well as which members filled a specific position. The database keeps organized information about fraternities and members.

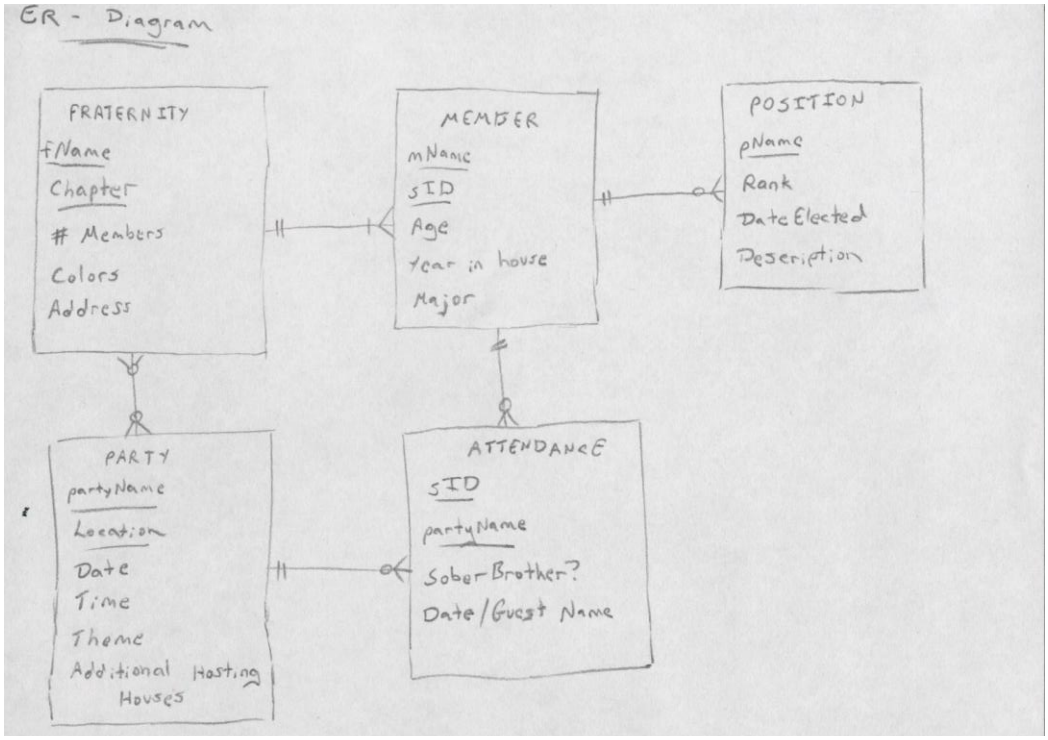
2. Detailed Application Requirements

A requirement of this application was to create a functioning webpage/directory where the user can input desired information about several fraternity's membership information and party information. After pressing the "submit information" button on each input page, the user is linked to a confirmation page which displays the relevant information back to the user.

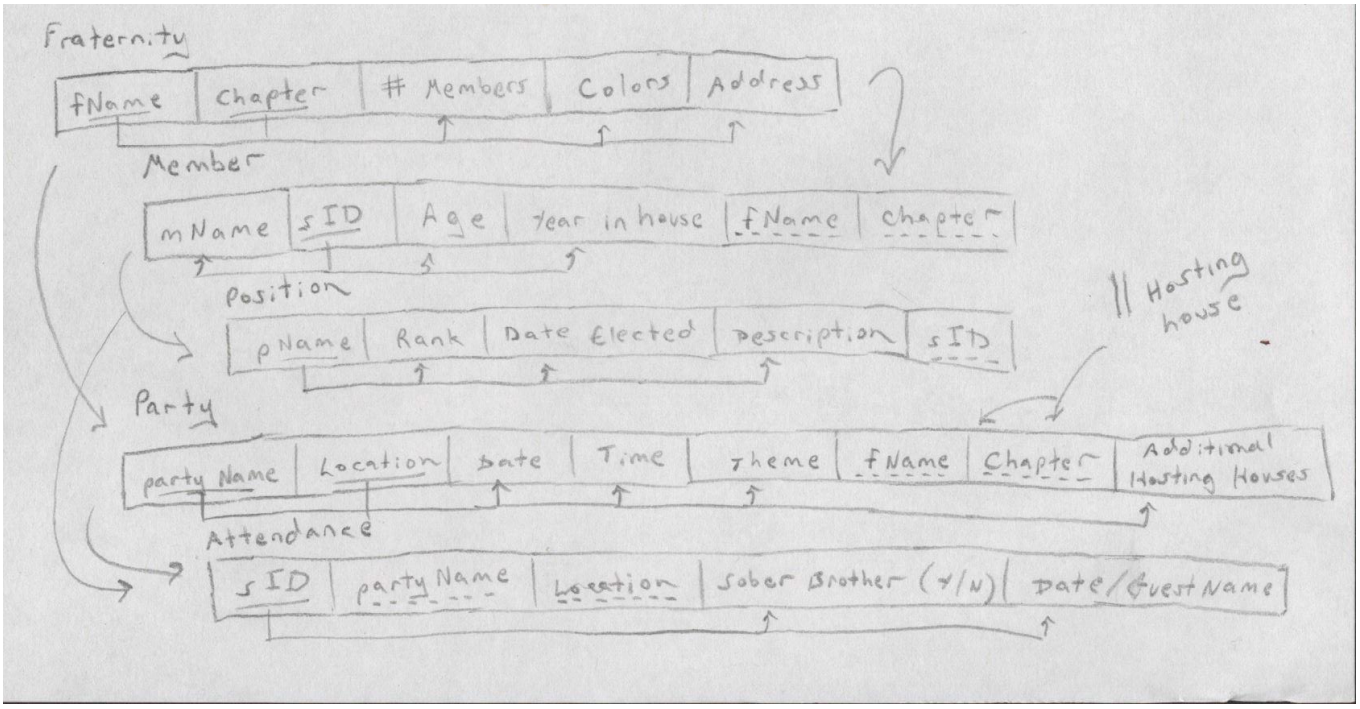
Certain required pages allow the user to display information regarding their particular fraternity. For example, "Print Membership Information" will ask the user to input a fraternity name and chapter and return to the user all members and their respective names, ages, and year in house (assuming a member exists in that fraternity and chapter). This requires access to the database management system which can search previously entered data to sort and display.

3. Design

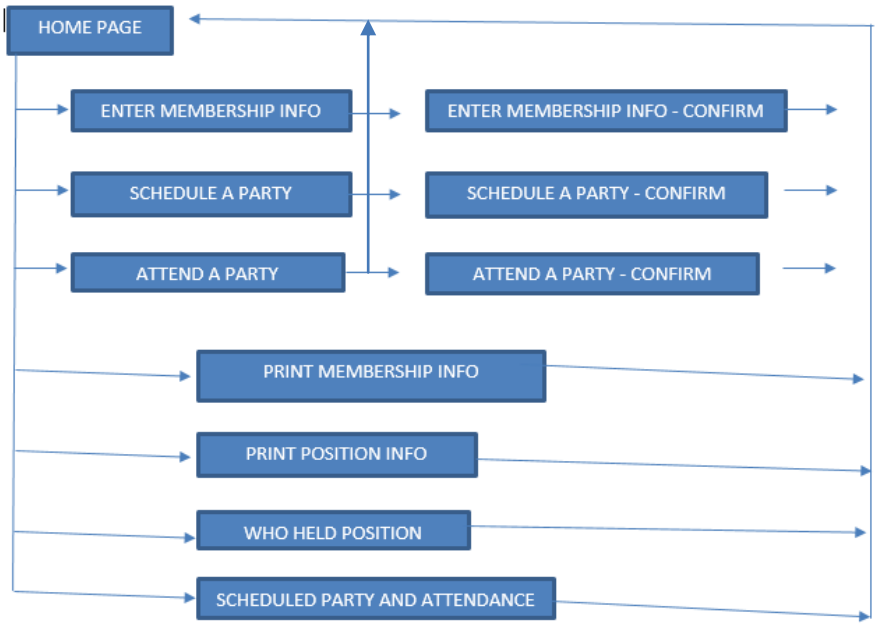
a. ER Diagram of Database



b. Relational Model

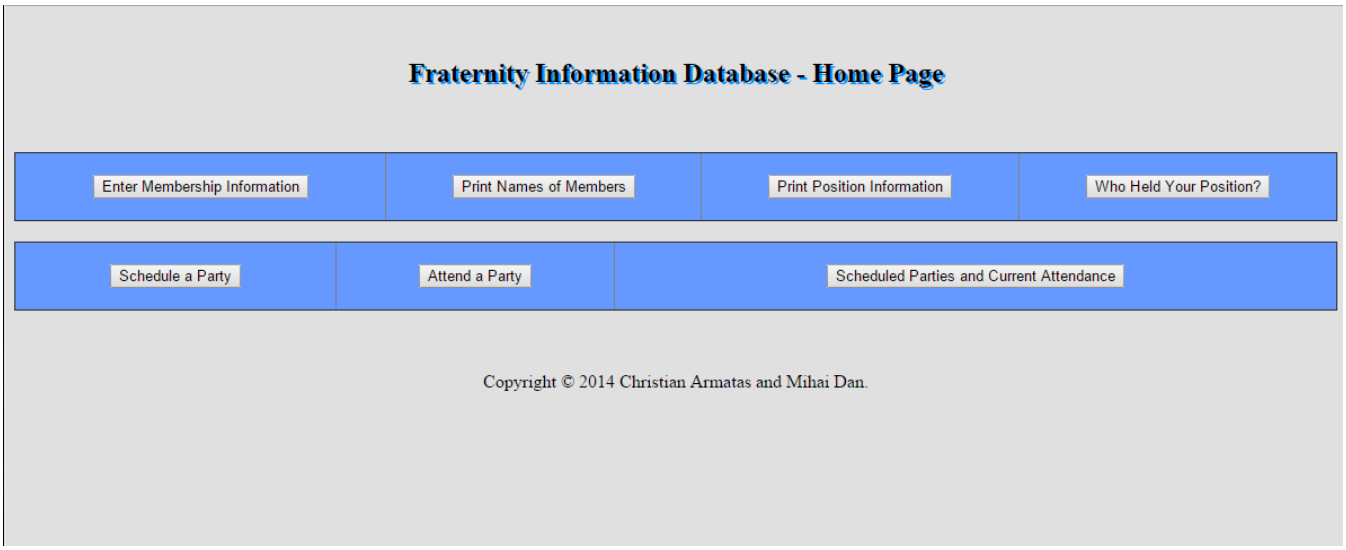


c. Website Layout



d. User Interface

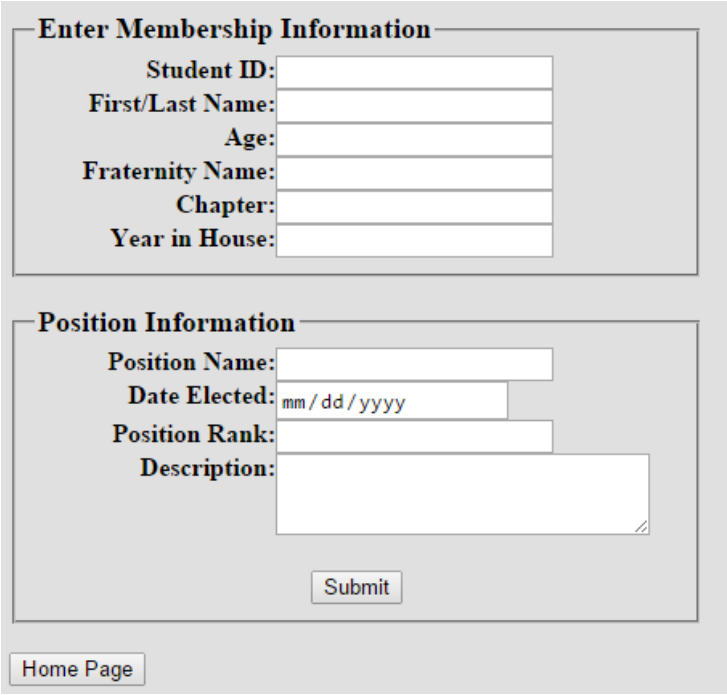
a) Main Page (index.html):



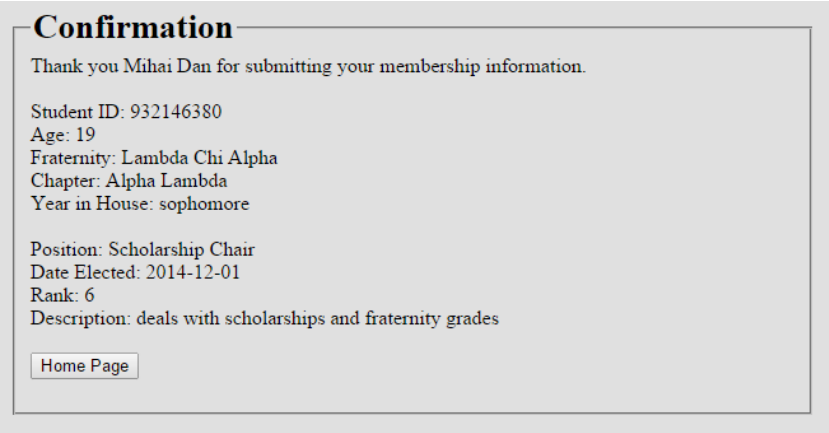
The main page serves an important part of the functionality of the website. It provides the user with the ability to navigate through the pages in an easy to follow menu.

b) Enter Membership Information (enterMembershipInfo.php):

The Enter Membership Information page is the first page available in the menu. This webpage asks the user for personal information such as Student ID and age. Below, there is also an optional input box in case the member is holding a position in the house. This information gets submitted to the confirmation page shown part **c.**



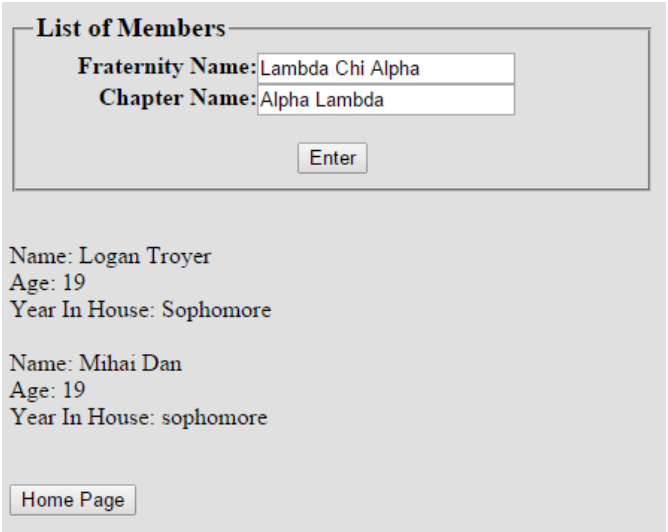
c) Member Info Confirmation (confirmInput.php):



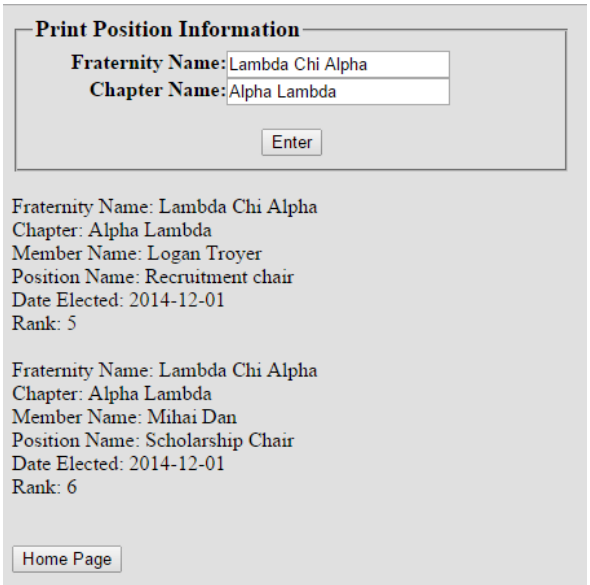
This page takes the information previously input into the Enter Membership Information webpage and displays it for the user to make sure everything was input correctly.

d) List of Members (printMembers.php):

List of Members provides the user with an input box asking for their fraternity name and chapter. If there are members in the specified fraternity, their names, age, and year in the house will print out underneath the input box for easy accessibility.



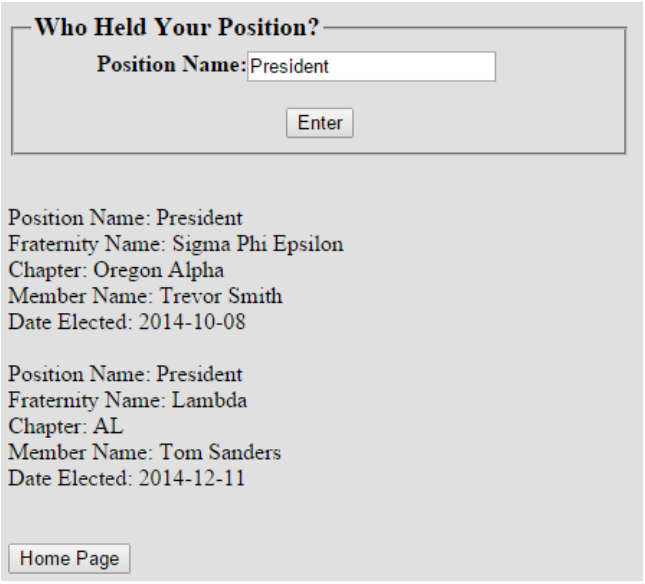
e) Print Position Information (printPositionInfo):



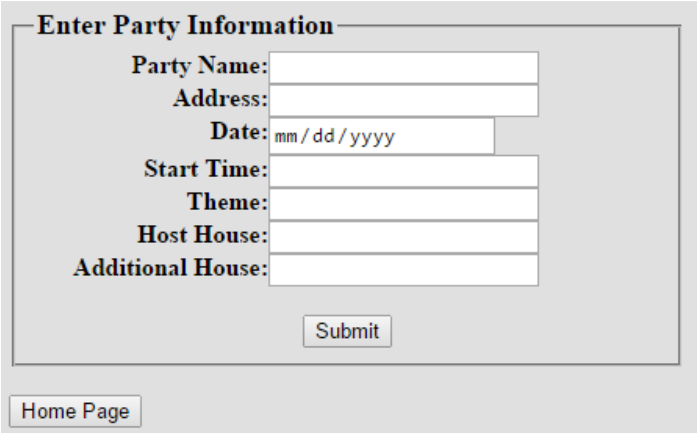
Much like the webpage described in section d., Print Position Information asks the user for their fraternity name and chapter, and displays information about the positions in the house, such as the member holding the position and the date elected.

f) Who Held Your Position? (whoHeldPos.php):

The Who Held Your Position? webpage allows the user to input their current position (or any position, for that matter) and see who held that certain position across multiple fraternities. This will also display old position holders and keep record of them as well as current position holders.



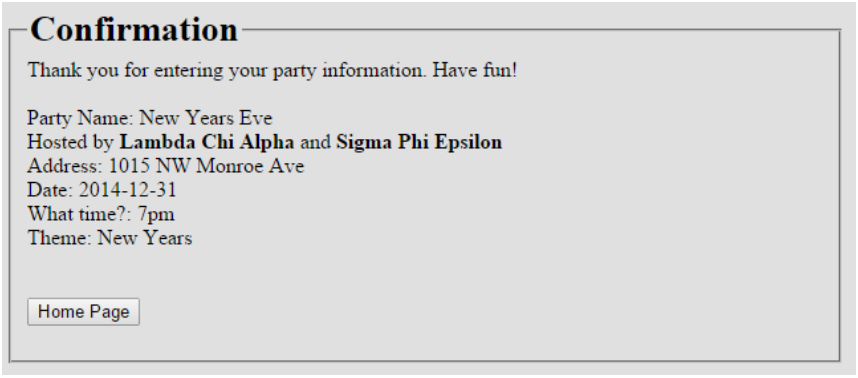
g) Schedule a Party (enterPartyInfo.php):



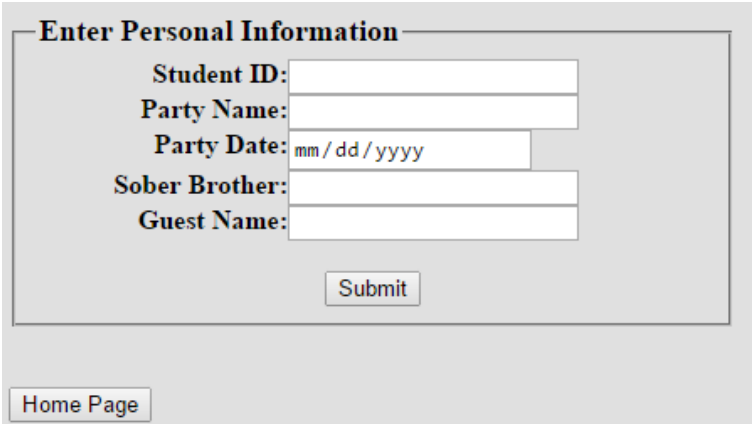
This webpage provides a place for members to input upcoming parties and information about them. This info varies from the party name to the host house. After being entered here, the information is displayed in the confirmation page shown in part **h.**

h) Party Confirmation (confirmPartyInput.php):

This is the confirmation page to the Schedule a Party webpage specified in section **g.** This takes the information input by the user and formats it into a invitation style confirmation page.



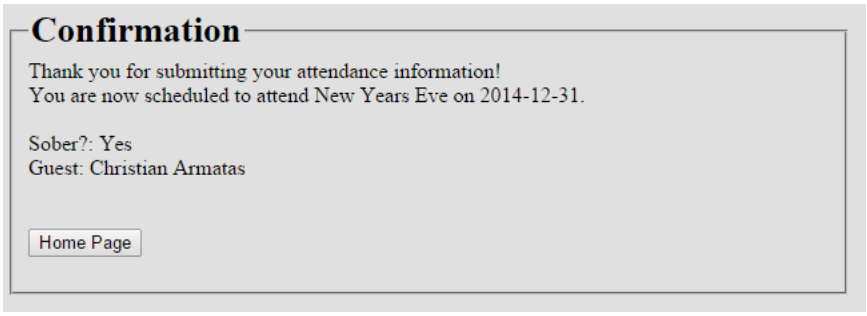
i) Enter Personal Information (enterAttendInfo.php):



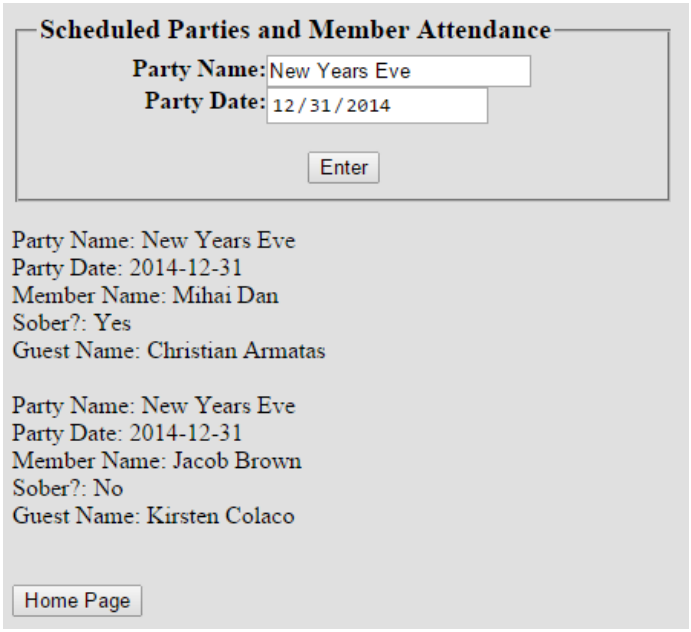
The input box on this page asks the user for their personal information regarding their attendance to a certain party or event. The information will be sent to the confirmation page in part **j.**

j) Attendance Confirmation (confirmAttendInfo.php):

The confirmation page for the Enter Personal Information webpage shown in part **i.** takes the information submitted by the user and displays it on the screen in a very easy to follow description.



k) Scheduled Parties and Member Attendance (printParties.php):



This webpage displays any events and members who attended each event based on the event (party) name and event (party) date. The names of members and guests will display as shown to the right.

4. Implementation Details

Our application would be very difficult to create without a database management system like SQL to store our information. Creating several arrays to store and access the data from would be much more tedious than creating a database which can rely on simple php files and query statements to display information.

Some application requirements the DBMS makes possible includes the user information input functionality. The user clicks submit (assuming after personal info has been entered) which links an input page to a confirmation page. The confirmation page must be php to connect to a database because this is the file that can access and edit online databases using the query. For example, our confirmInput.php query looks like…

INSERT INTO final_membership(sID, mName, Age, yearInHouse, fName, chapter) VALUES ('$student_ID', '$member_name', '$age', '$year_in_house','$frat_name', '$chapter'). // Stores sID, mName, Age, etc. into "final_membership"

printPositionInfo.php is one pages which displays information back to the user depending on if the input primary keys correspond to data. This is the query…

SELECT M.fName, M.chapter, M.mName, P.posName, P.dateElected, P.rank FROM final_position P, final_membership M WHERE P.sID = M.sID AND M.fName = '$fName' AND M.chapter = '$chapter' // Selects info depending on user input

Although HTML is every simple webpage function (body, headers, text, etc.), HTML was only used in the index file and all of the input pages because they did not require access to a database. PHP was used as the primary file type for the print files and confirmation pages which either enter information into or retrieve information from a database. We used CSS to edit the format of tables and fieldsets.

5. Evaluation

My partner and I checked every line, link, and input box of the physical website to make sure every page is intuitive and easy to follow. We ensured that every functional page performs correctly by checking the database after information was supposed to be entered. Also, we had a friend test every page of the website as a second opinion on how the site operates. The pages are formatted to appeal visually to the user as well as display the information in a simple and effective manner.

6. Future Work

My partner and I had the idea of adding a philanthropy table to keep track of the major philanthropies a house/member would participate in or hosted. An additional table for treasurer would be valuable because it would allow one member for each house, the Treasurer, to input house expenses, grants, and damages as well as display a budget summary. The final idea we had to add onto the project in the future is to create a semi-randomized chore organizer which would assign each member in a particular fraternity and chapter a chore based off of their rank in the house (of the most recent position).

7. Lessons Learned

A challenge we ran into during the design portion of this project was deciding how many associative tables were needed to make all the functions we desired. Also we had trouble deciding what the primary keys for each table would be. The largest problem during the implementation was the formatting of the images, tables, buttons (instead of direct web links) and formatting of "fieldsets." Testing the system was pretty straight forward and we ran into few errors which were outside of our understanding.

If we were to complete this project again, from start to finish, we would spend more time on the design of each table. Better designed tables would have added more ease to some troubles we ran into when figuring out the query statements. Additionally, more time spent on learning how to format an html/php page could have made it look even more professional.

Appendix A: Code

confirmInput.php:

```
<html>
<html>
<body>
	<style type="text/css">
		body {
			background-color:#E0E0E0;
		}
		fieldset {
			width: 600px;
		}
		legend {
			font-size: 18px;
		}
		label.field {
			text-align: right;
			width: 150px;
			float: left;
			font-weight: bold;
		}
		input.text-300 {
			text-align: left;
			width: 300px;
			float: left;
		}
		fieldset p {
			clear: both;
			padding: 5px;
		}
	</style>

	<fieldset>
	<legend><h2>Confirmation</h2></legend>
<?php
	$student_ID = htmlspecialchars($_POST['ID']);
	$member_name = htmlspecialchars($_POST['memberName']);
	$age = htmlspecialchars($_POST['age']);
	$frat_name = htmlspecialchars($_POST['frat']);
	$chapter = htmlspecialchars($_POST['chapter']);
	$year_in_house = htmlspecialchars($_POST['YIH']);

	$posName = htmlspecialchars($_POST['posName']);
	$dateElected = htmlspecialchars($_POST['dateElected']);
	$posRank = htmlspecialchars($_POST['posRank']);
	$description = htmlspecialchars($_POST['description']);

	$dbhost = 'oniddb.cws.oregonstate.edu';
	$dbname = 'armatasc-db';
	$dbuser = 'armatasc-db';
	$dbpass = '98xf7xW8S5pkhLuR';

	$dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");
	$query = "INSERT INTO final_membership(sID, mName, Age, yearInHouse, fName, chapter) VALUES ('$student_ID',
'$member_name', '$age', '$year_in_house','$frat_name', '$chapter')";
	$result = mysqli_query($dbc, $query) or die("Error in querying database1.");

	$query2 = "INSERT INTO final_position(posName, dateElected, rank, description, sID) VALUES('$posName', '$dateElected',
'$posRank', '$description', '$student_ID')";
	$result = mysqli_query($dbc, $query2) or die("Error in querying database2.");
```

```
		echo "Thank you $member_name for submitting your membership information.<br><br>";

		echo "Student ID: $student_ID <br>Age: $age <br>Fraternity: $frat_name <br>Chapter: $chapter <br>Year in House:
$year_in_house <br><br>";
		echo "Position: $posName <br>Date Elected: $dateElected <br>Rank: $posRank <br>Description: $description <br>";

		mysqli_close($dbc);

?>
		<form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
			<br><input type="submit" value="Home Page"><br>
		</form>
		</fieldset>
</body>
</html>
```

confirmAttendInput.php:

```
<html>
<body>
		<style type="text/css">
			body {
				background-color:#E0E0E0;
			}
			fieldset {
				width: 600px;
			}
			legend {
				font-size: 18px;
			}
			label.field {
				text-align: right;
				width: 150px;
				float: left;
				font-weight: bold;
			}
			input.text-300 {
				text-align: left;
				width: 300px;
				float: left;
			}
			fieldset p {
				clear: both;
				padding: 5px;
			}
		</style>

		<fieldset>
		<legend><h2>Confirmation</h2></legend>
<?php
		$student_ID = htmlspecialchars($_POST['ID']);
		$party_name = htmlspecialchars($_POST['partyname']);
		$party_date = htmlspecialchars($_POST['partydate']);
		$sober= htmlspecialchars($_POST['sober']);
		$guest_name = htmlspecialchars($_POST['guestname']);

		$dbhost = 'oniddb.cws.oregonstate.edu';
		$dbname = 'armatasc-db';
		$dbuser = 'armatasc-db';
		$dbpass = '98xf7xW8S5pkhLuR';
```

```
	$dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");

	$query = "INSERT INTO final_attendance(sID, partyName, partyDate,  soberBrother, guestName) VALUES ('$student_ID',
'$party_name', '$party_date', '$sober', '$guest_name');";
	$result = mysqli_query($dbc, $query) or die("Error in querying database.");

	echo "Thank you for submitting your attendance information! <br>You are now scheduled to attend $party_name on $party_date.
<br><br>";
	echo "Sober?: $sober <br>Guest: $guest_name <br><br>";

	mysqli_close($dbc);
?>
	<form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
		<br><input type="submit" value="Home Page"><br>
	</form>
	</fieldset> </body> </html>
```

confirmPartyInput.php:

```
<html>
<body>
	<style type="text/css">
		body {
			background-color:#E0E0E0;
		}
		fieldset {
			width: 600px;
		}
		legend {
			font-size: 18px;
		}
		label.field {
			text-align: right;
			width: 150px;
			float: left;
			font-weight: bold;
		}
		input.text-300 {
			text-align: left;
			width: 300px;
			float: left;
		}
		fieldset p {
			clear: both;
			padding: 5px;
		}
	</style>

	<fieldset>
	<legend><h2>Confirmation</h2></legend>
<?php
	$student_ID = htmlspecialchars($_POST['ID']);
	$member_name = htmlspecialchars($_POST['memberName']);
	$age = htmlspecialchars($_POST['age']);
	$frat_name = htmlspecialchars($_POST['frat']);
	$chapter = htmlspecialchars($_POST['chapter']);
	$year_in_house = htmlspecialchars($_POST['YIH']);

	$posName = htmlspecialchars($_POST['posName']);
	$dateElected = htmlspecialchars($_POST['dateElected']);
```

```
	$posRank = htmlspecialchars($_POST['posRank']);
	$description = htmlspecialchars($_POST['description']);

	$dbhost = 'oniddb.cws.oregonstate.edu';
	$dbname = 'armatasc-db';
	$dbuser = 'armatasc-db';
	$dbpass = '98xf7xW8S5pkhLuR';

	$dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");
	$query = "INSERT INTO final_membership(sID, mName, Age, yearInHouse, fName, chapter) VALUES ('$student_ID',
'$member_name', '$age', '$year_in_house','$frat_name', '$chapter')";
	$result = mysqli_query($dbc, $query) or die("Error in querying database1.");

	$query2 = "INSERT INTO final_position(posName, dateElected, rank, description, sID) VALUES('$posName', '$dateElected',
'$posRank', '$description', '$student_ID')";
	$result = mysqli_query($dbc, $query2) or die("Error in querying database2.");

	echo "Thank you $member_name for submitting your membership information.<br><br>";

	echo "Student ID: $student_ID <br>Age: $age <br>Fraternity: $frat_name <br>Chapter: $chapter <br>Year in House:
$year_in_house <br><br>";
	echo "Position: $posName <br>Date Elected: $dateElected <br>Rank: $posRank <br>Description: $description <br>";

	mysqli_close($dbc);

?>
	<form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
		<br><input type="submit" value="Home Page"><br>
	</form>
	</fieldset>
</body>
</html>
```

enterAttendInfo.php:

```
<!DOCTYPE html>
<html>
<body>
	<form method="POST" action="http://web.engr.oregonstate.edu/~danm/cs275project/confirmAttendInput.php">
		<fieldset>
		<legend><b>Enter Personal Information</b></legend>
		<label class="field">Student ID:  </label><input type = "text"  name = "ID" class = "textbox-300"><br>
		<label class="field">Party Name:		</label><input type = "text"  name = "partyname" class = "textbox-
300"><br>
		<label class="field">Party Date:		</label><input type = "date"  name = "partydate" class = "textbox-300"><br>
		<label class="field">Sober Brother:		</label><input type = "text" name = "sober" class = "textbox-300"><br>
		<label class="field">Guest Name:			</label><input type="text" name="guestname" class = "textbox-
300"><br>
		<br><center><input type="submit" name="submit" value="Submit"></center>
		</fieldset>
		<br>
	</form>
	<form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
		<br><input type="submit" value="Home Page"><br>
	</form>
	<style type="text/css">
		body {
			background-color:#E0E0E0;
		}
		fieldset {
			width: 400px;
```

```
                }
                legend {
                        font-size: 18px;
                }
                label.field {
                        text-align: right;
                        width: 150px;
                        float: left;
                        font-weight: bold;
                }
                input.text-300 {
                        text-align: left;
                        width: 300px;
                        float: left;
                }
                fieldset p {
                        clear: both;
                        padding: 5px;
                }
        </style>

</body>

</html>
```

enterMembershipInfo.php:

```
<!DOCTYPE html>
<html>
<body>
        <form method="POST" action="http://web.engr.oregonstate.edu/~danm/cs275project/confirmInput.php">
                <fieldset>
                <legend><b>Enter Membership Information</b></legend>
                <label class="field">Student ID: </label><input type = "text"  name = "ID" class = "textbox-300"><br>
                <label class="field">First/Last Name:        </label><input type = "text"  name = "memberName" class = "textbox-
300"><br>
                <label class="field">Age:                    </label><input type = "text"  name = "age" class = "textbox-300"><br>
                <label class="field">Fraternity Name:        </label><input type = "text" name = "frat" class = "textbox-300"><br>
                <label class="field">Chapter:                </label><input type="text" name="chapter" class = "textbox-300"><br>
                <label class="field">Year in House:          </label><input type = "text" name = "YIH" class = "textbox-300"><br>
                </fieldset>
                <br>
                <fieldset>
                <legend><b>Position Information </b></legend>
                <label class="field">Position Name:          </label><input type = "text" name = "posName" class = "textbox-300"><br>
                <label class="field">Date Elected:           </label><input type = "date" name = "dateElected" class = "textbox-
300"><br>
                <label class="field">Position Rank:                  </label><input type = "text" name = "posRank" class = "textbox-
300"><br>
                <label class="field">Description:</label>
                <textarea rows=3 cols=30 name = "description"></textarea><br><br>
                <center><input type="submit" name="submit" value="Submit"></center>
                </fieldset>
                <br>
        </form>
        <form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
                <input type="submit" value="Home Page">
        </form>
        <style type="text/css">
                body {
```

```
                        background-color:#E0E0E0;
                }
                fieldset {
                        width: 400px;
                }
                legend {
                        font-size: 18px;
                }
                label.field {
                        text-align: right;
                        width: 150px;
                        float: left;
                        font-weight: bold;
                }
                input.text-300 {
                        text-align: left;
                        width: 300px;
                        float: left;
                }
                fieldset p {
                        clear: both;
                        padding: 5px;
                }
        </style>

</body>

</html>
```

enterPartyInfo.php:

```
<!DOCTYPE html>
<html>
<body>
        <form method="POST" action="http://web.engr.oregonstate.edu/~danm/cs275project/confirmPartyInput.php">
                <fieldset>
                <legend><b>Enter Party Information</b></legend>
                <label class="field">Party Name:        </label><input type = "text"  name = "partyName" class = "textbox-
300"><br>
                <label class="field">Address:     </label><input type = "text"  name = "partyAddress" class = "textbox-300"><br>
                <label class="field">Date:              </label><input type = "date"  name = "partyDate" class = "textbox-300"><br>
                <label class="field">Start Time:  </label><input type = "text" name = "startTime" class = "textbox-300"><br>
                <label class="field">Theme:             </label><input type="text" name="partyTheme" class = "textbox-300"><br>
                <label class="field">Host House:        </label><input type = "text" name = "hostHouse" class = "textbox-300"><br>
                <label class="field">Additional House:  </label><input type = "text" name = "additionalHouse" class = "textbox-
300"><br>
                <br><center><input type="submit" name="submit" value="Submit"></center>
                </fieldset>
        </form>
        <form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
                <br><input type="submit" value="Home Page"><br>
        </form>
        <style type="text/css">
                body {
                        background-color:#E0E0E0;
                }
                fieldset {
                        width: 400px;
                }
                legend {
```

```
                font-size: 18px;
        }
        label.field {
                text-align: right;
                width: 150px;
                float: left;
                font-weight: bold;
        }
        input.text-300 {
                text-align: left;
                width: 300px;
                float: left;
        }
        fieldset p {
                clear: both;
                padding: 5px;
        }
    </style>

</body>

</html>
```

index.html:

```
<!DOCTYPE html>
<header>
<?php $sitepath="http://web.engr.oregonstate.edu/~danm/cs275project/";?>
    <style type="text/css">
        table {
                width:100%;
                background-color:#6699FF;
                color:#E0E0E0;
                text-color:#E0E0E0;
                font-size:11;
                font-family:Papirus;
                border-collapse: collapse;
        }

        h2 {
                font-size:35
                font-family:Times New Roman;
                text-shadow: 2px 2px #0099FF;
        }
        body {
                background-color:#E0E0E0;
        }

    </style>

    <center>
        <br><h2>Fraternity Information Database - Home Page</h2>
    </center>
</header>

<body>
<br><br>
    <table border = '1' style="width:100%">
        <tr>
                <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/enterMembershipInfo/php">
```

```
                                        <br><input type="submit" value="Enter Membership Information"><br><br>
                                </form></center></td>
                                <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/printMembers/php">
                                        <br><input type="submit" value="Print Names of Members"><br><br>
                                </form></center></td>
                                <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/printPositionInfo/php">
                                        <br><input type="submit" value="Print Position Information"><br><br>
                                </form></center></td>
                                <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/whoHeldPos/php">
                                        <br><input type="submit" value="Who Held Your Position?"><br><br>
                                </form></center></td>
                        </tr>
        </table><br>
        <table border = '1' style="width:100%">
                        <tr>
                        <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/enterPartyInfo/php">
                                        <br><input type="submit" value="Schedule a Party"><br><br>
                                </form></center></td>
                                <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/enterAttendInfo/php">
                                        <br><input type="submit" value="Attend a Party"><br><br>
                                </form></center></td>
                                <td><center><form action="http://web.engr.oregonstate.edu/~danm/cs275project/printParties/php">
                                        <br><input type="submit" value="Scheduled Parties and Current Attendance"><br><br>
                                </form></center></td>
                        </tr>
        </table>
<br>

</body>
<text><br><br><center>Copyright © 2014 Christian Armatas and Mihai Dan.</center></text>
```

printMembers.php:

```
<html>
<body>
        <form method="POST" action="">
                <fieldset>
                <legend><b>List of Members</b></legend>
                <label class="field">Fraternity Name:          </label><input type = "text"  name = "fName" class = "textbox-300"><br>
                <label class="field">Chapter Name:             </label><input type = "text"  name = "chapter" class = "textbox-300"><br>
                <br><center><input type="submit" name="submit" value="Enter"></center>
                </fieldset>
                <br>
        </form>
        <style type="text/css">
                body {
                        background-color:#E0E0E0;
                }
                fieldset {
                        width: 400px;
                }
                legend {
                        font-size: 18px;
                }
                label.field {
                        text-align: right;
                        width: 150px;
                        float: left;
                        font-weight: bold;
                }
```

```
                input.text-300 {
                        text-align: left;
                        width: 300px;
                        float: left;
                }
                fieldset p {
                        clear: both;
                        padding: 5px;
                }
        </style>

<?php

$fName = htmlspecialchars($_POST['fName']);
$chapter = htmlspecialchars($_POST['chapter']);

$dbhost = 'oniddb.cws.oregonstate.edu';
$dbname = 'armatasc-db';
$dbuser = 'armatasc-db';
$dbpass = '98xf7xW8S5pkhLuR';

        $dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");

        $query = "SELECT M.mName, M.Age, M.yearInHouse FROM final_membership M WHERE M.fName = '$fName' AND M.chapter
= '$chapter';";
        $result = mysqli_query($dbc,$query) or die(mysql_error());

        while($row = mysqli_fetch_array($result))
        {
                echo 'Name: ';
                echo $row[0];
                echo '<br>';
                echo 'Age: ';
                echo $row[1];
                echo '<br>';
                echo 'Year In House: ';
                echo $row[2];
                echo '<br><br>';
        }
        mysqli_close($mysql_handle);

?>
        <form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
                <br><input type="submit" name="home" value="Home Page"><br>
        </form>
</body>

</html>
```

printParties.php:

```
<html>

<body>
        <form method="POST" action="">
                <fieldset>
                <legend><b>Scheduled Parties and Member Attendance</b></legend>
                <label class="field">Party Name:                </label><input type = "text"  name = "pName" class = "textbox-300"><br>
                <label class="field">Party Date:                </label><input type = "date"  name = "pDate" class = "textbox-300"><br>
                <br><center><input type="submit" name="submit" value="Enter"></center>
```

```
		</fieldset>
	</form>
	<style type="text/css">
		body {
			background-color:#E0E0E0;
		}
		fieldset {
			width: 400px;
		}
		legend {
			font-size: 18px;
		}
		label.field {
			text-align: right;
			width: 150px;
			float: left;
			font-weight: bold;
		}
		input.text-300 {
			text-align: left;
			width: 300px;
			float: left;
		}
		fieldset p {
			clear: both;
			padding: 5px;
		}
	</style>

<?php

$pName = htmlspecialchars($_POST['pName']);
$pDate = htmlspecialchars($_POST['pDate']);

$dbhost = 'oniddb.cws.oregonstate.edu';
$dbname = 'armatasc-db';
$dbuser = 'armatasc-db';
$dbpass = '98xf7xW8S5pkhLuR';

	$dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");

	$query = "SELECT M.mName, A.soberBrother, A.guestName FROM final_attendance A, final_membership M WHERE M.sID =
A.sID AND A.partyName = '$pName' AND A.partyDate = '$pDate';";
	$result = mysqli_query($dbc,$query) or die(mysql_error());

		while($row = mysqli_fetch_array($result))
		{	echo "Party Name: ";
			echo "{$pName}<br>";
			echo "Party Date: ";
			echo "{$pDate}<br>";
			echo 'Member Name: ';
			echo $row[0];
			echo'<br>';
			echo 'Sober?: ';
			echo $row[1];
			echo '<br>';
			echo 'Guest Name: ';
			echo $row[2];
			echo '<br><br>';
		};
```

```
	mysqli_close($mysql_handle);

?>
	<form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
		<br><input type="submit" value="Home Page"><br>
	</form>

</body>

</html>
```

printPositionInfo.php:

```
<!DOCTYPE html>
<html>
<body>
	<form method="POST" action="">
		<fieldset>
		<legend><b>Print Position Information</b></legend>
		<label class="field">Fraternity Name:	</label><input type = "text"  name = "fName" class = "textbox-300"><br>
		<label class="field">Chapter Name:	</label><input type = "text"  name = "chapter" class = "textbox-300"><br>
		<br><center><input type="submit" name="submit" value="Enter"></center>
		</fieldset>
		<br>
	</form>
	<style type="text/css">
		body {
			background-color:#E0E0E0;
		}
		fieldset {
			width: 400px;
		}
		legend {
			font-size: 18px;
		}
		label.field {
			text-align: right;
			width: 150px;
			float: left;
			font-weight: bold;
		}
		input.text-300 {
			text-align: left;
			width: 300px;
			float: left;
		}
		fieldset p {
			clear: both;
			padding: 5px;
		}
	</style>

<?php
	$fName = htmlspecialchars($_POST['fName']);
	$chapter = htmlspecialchars($_POST['chapter']);

	$dbhost = 'oniddb.cws.oregonstate.edu';
	$dbname = 'armatasc-db';
	$dbuser = 'armatasc-db';
	$dbpass = '98xf7xW8S5pkhLuR';
```

```
	$dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");

	$query = "SELECT M.fName, M.chapter, M.mName, P.posName, P.dateElected, P.rank FROM final_position P, final_membership
M WHERE P.sID = M.sID AND M.fName = '$fName' AND M.chapter = '$chapter';";
	$result = mysqli_query($dbc,$query) or die(mysql_error());

	while($row = mysqli_fetch_array($result))
	{
		echo 'Fraternity Name: ';
		echo $row[0];
		echo'<br>';
		echo 'Chapter: ';
		echo $row[1];
		echo '<br>';
		echo 'Member Name: ';
		echo $row[2];
		echo '<br>';
		echo 'Position Name: ';
		echo $row[3];
		echo '<br>';
		echo 'Date Elected: ';
		echo $row[4];
		echo '<br>';
		echo 'Rank: ';
		echo $row[5];
		echo '<br><br>';
	}
	mysqli_close($mysql_handle);

?>
	<form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
		<br><input type="submit" value="Home Page"><br>
	</form>
</body>

</html>
```

whoHeldPos.php:

```
<html>
<body>
	<form method="POST" action="">
		<fieldset>
		<legend><b>Who Held Your Position?</b></legend>
		<label class="field">Position Name:		</label><input type = "text"  name = "posName" class = "textbox-300"><br>
		<br><center><input type="submit" name="submit" value="Enter"></center>
		</fieldset>
		<br>
	</form>
	<style type="text/css">
		body {
			background-color:#E0E0E0;
		}
		fieldset {
			width: 400px;
		}
		legend {
			font-size: 18px;
		}
```

```
                label.field {
                        text-align: right;
                        width: 150px;
                        float: left;
                        font-weight: bold;
                }
                input.text-300 {
                        text-align: left;
                        width: 300px;
                        float: left;
                }
                fieldset p {
                        clear: both;
                        padding: 5px;
                }
        </style>
<?php

        $posName = htmlspecialchars($_POST['posName']);

        $dbhost = 'oniddb.cws.oregonstate.edu';
        $dbname = 'armatasc-db';
        $dbuser = 'armatasc-db';
        $dbpass = '98xf7xW8S5pkhLuR';

        $dbc = mysqli_connect($dbhost, $dbuser, $dbpass, $dbname) or die("Error connecting to database server");

        $query = "SELECT P.posName, M.fName, M.chapter, M.mName, P.dateElected FROM final_position P, final_membership M
WHERE P.sID = M.sID AND P.posName = '$posName'";
        $result = mysqli_query($dbc,$query) or die(mysql_error());

        while($row = mysqli_fetch_array($result))
        {       echo 'Position Name: ';
                echo $row[0];
                echo '<br>';
                echo 'Fraternity Name: ';
                echo $row[1];
                echo'<br>';
                echo 'Chapter: ';
                echo $row[2];
                echo '<br>';
                echo 'Member Name: ';
                echo $row[3];
                echo '<br>';
                echo 'Date Elected: ';
                echo $row[4];
                echo '<br><br>';
        }
        mysqli_close($mysql_handle);

?>
        <form action="http://web.engr.oregonstate.edu/~danm/cs275project/index">
                <br><input type="submit" value="Home Page"><br>
        </form>
</body>

</html>
```

Appendix B: Team Report

Both my partner and I worked equally on this project. We primarily worked together on this using “paired programming” and the only time we worked separately, we each completed one file which were each a similar work load.

Appendix C: Test Subjects

My partner and I tested this program throughout the entire development process to make sure every function worked properly once they were created. We inserted many test values into the database using our input functions and returned these values using our print functions.

A friend of ours named Logan Troyer tested out our website and all the functions to ensure everything was operating correctly. He entered his actual information into the database including fraternity name, chapter, position, and rank as well as scheduled a party and RSVP to the party.