

Create a website for a club of your choice.

This first week, we will create a front end to the club website. Next week we will add to the front end and create a back end to support the club.

Since the main page will be used for several assignments, we'll have to change our naming convention. Call the starting page `index.php` in a folder with your club name. For this assignment you'll create two php files, (and use your `dbconn.php` from previous assignments), a css file, and a file with sql to create your club table (stored in a file with a txt extension). The first php file will display either the home page, and a form to join your club. The second php file will have php to perform database operations, and to display links back to the home page. You can use `dbconn.php` to connect, create a query, and disconnect.

Step 1 - Create a new table in your personal database, containing fields for name, email, and a password plus a `registrationDate` field that will record the date and time of registration (field type is `datetime`). The password field type should be `char(40)`, as will be explained in class. Every user will have a membership type which will be specified by an enumerated type. You determine the type names based on your club. Create an SQL create statement to create the table even if you use the `phpmyadmin` gui to create your table. The SQL create statement serves a documentation.

Step 2 - Create the main page with PHP. Put something of interest on your front page, an interesting image, rss feed or feeds, some data scraped from a related page. Make up your own club. **Don't copy this club.** Put a join button on the main page. If the user clicks the join button on your home page, display a form allowing them to allowing them to join the club. Your form should collect all information to be place in the table of members you created above.

For the two password fields, use

```
<input type="password" ...
```

instead of

```
<input type="text" ...
```

You'll still get the real field contents in `$_POST`.

Since we'll be modifying the database, use *post* (not *get*) as the form method for the join form.

The form should use a file called `dboperation.php` for its action. Before submitting, validate all form data with JavaScript.

When submitted, the PHP handlers should:

1. Query the database, and make sure that the email address is NOT already present. If it is already present, write an appropriate message and show a link back to the previous page.
2. If the test above is OK, add the user to the database using an `insert` query, and show a "thank you" message. When adding the user, use the `now()` SQL (not php) function to store the date & time when the user registered. For the password, don't store the actual password but store the result of the `sha1()` function as described in class. Use the PHP `sha1()` function. Show a link back to the the club homepage page with a success message.

Create a separate style sheet for your club. Your style sheet should include at a minimum, customized body, fieldset, tables and inputs. Use fonts, foreground and background colors and images. Both index.php and join.php should use the same css.

Organize your directory structure with three subdirectories, include, css, and img as follows:

```
club/index.php          /* your main page */
club/css/myclub.css     /* your style sheets */
include/dboperation.php /* form handling and database support
functions */
include/setup.sql       /* the sql statement(s) you used to create
your database table. */
img/*.jpg               /* your images */
js/*.js                 /* your javascript */
```

Use your form to add at least 5 people, including yourself, to the club and me
Kate Lowrie, password *swordfish*, and the email account: lowriekbc@gmail.com

—
All 5 emails should be valid. (Everyone at BC has at least 2: [userid@bc.edu](mailto:user1@bc.edu), firstname.lastname.1@bc.edu). Use a volunteer from our class for the extra one. (We'll be sending email to them in a later assignment.) Also, don't use the same radio button selection for each—choose different values.

To see if everything is working OK, use PHPMyAdmin to browse your table.

** Make sure you test adding someone who's email address is already in use, and try adding someone who typed in two different passwords, to make sure both of those cases work properly. Try other error cases as well.

Welcome to the O Sole Mio Club

This club is dedicated to the song O Sole Mio by Eduardo di Capua and Giovanni Capurro.

[Join the Club](#)



Fill out the form below to join the O Sole Mio club

| | | |
|----------------|----------------------|---------------------------------|
| Name | <input type="text"/> | <input type="radio"/> musician |
| E-mail Address | <input type="text"/> | <input type="radio"/> historian |
| Password | <input type="text"/> | <input type="radio"/> linguist |
| Password again | <input type="text"/> | <input type="radio"/> other |

[Join Now](#)

Fill out the form below to join the O Sole Mio club

| | | | |
|----------------|----------------------|-----------------------------------|---------------------------------|
| Name | <input type="text"/> | Please enter first and last names | <input type="radio"/> musician |
| E-mail Address | <input type="text"/> | No or invalid email entered! | <input type="radio"/> historian |
| Password | <input type="text"/> | Your password is too short | <input type="radio"/> linguist |
| Password again | <input type="text"/> | | <input type="radio"/> other |
| | | | Select a membership type |

Success

Thank you Amy Smith, you are now registered. [Return to the club page](#)

Failure

Error adding Amy Smith, duplicate email

[Return to Join O Sole Mio Page](#)