

1. Add a "Forgot my password" buttons to your club page. The members of your club might forget their password. You don't like getting lots of phone calls about this, so let's provide a way that the password can be automatically reset.

Provide a button on your club main page for this purpose. When the user clicks the button, display a form requesting the user email and a submit button. Check to make sure that the supplied email address exists in your club. If not, show an error message redirect back to the page with the form request ion the email. If there is a user with that email address, make up a new password, email it to the user, and update the database with the sha1() encoding of the new password. Finally display a success message with a link back to the homepage.

A method for creating a new random password will be described in class.

2. Create an Administrator page for you club. The club members should be displayed in a table with alternating row colors, along with a form to send mail to groups of users by type. The mail for should allow the admin to send a message to different groups of users. Use checkboxes to select the categories of users. Show a form like the one below. Use JavaScript to check error messages. Since this is an admin page, you don't need to be so verbose. Make sure you check the password on the php page. The page should only work if the correct password is used. Let's all choose the following password:

**Napoleon**

But, this password itself should not appear in your script! Instead, use sha1(). Encrypt password from the form, and see if it matches the sha1() encryption of Napoleon. Use <http://cslab.bc.edu/~cs254/demos/lweek10/sha1demo.php> to get the encryption. That encrypted version of Napoleon may appear in your script. If someone manages to read your script, it won't help them figure out the password. Please be careful with

the password, and make sure it is exactly as appears above, with the upper case **N** at the beginning of **Napoleon**. If the password is incorrect, show an appropriate message and allow the user to try again.

#### O Sole Mio Admin Page

Name	Type	email	Registration Date
Kate Lowrie	other	lowriek@bc.edu	2014-04-01 12:07:58
Joey schmoey	historian	lowriek@me.com	2014-04-06 13:07:04

Create Group Mail

Subject

Your Message

Mail Password

Send your message

Membership Class

☐ musician

☐ historian

☐ linguist

☐ other

Here is the form with JavaScript error messages.

#### O Sole Mio Admin Page

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Kate Lowrie	other	lowriek@bc.edu	2014-04-01 12:07:58
Joey schmoey	historian	lowriek@me.com	2014-04-06 13:07:04

Create Group Mail

Subject

No subject

Your Message

No message

Mail Password

No password

Send your message

Membership Class

☐ musician

☐ historian

☐ linguist

☐ other

No members selected for mail