N.B: Since I don't have access to multiple @illinois.edu accounts, I could not take screenshots of the later stages. Instead, I have made sure that they are easily replicable.

# 1) Test Password Login

Click the "Login" button in the nav-bar. Then, enter "nassri2.acm" as a username and "abcdefgh1234" as a password. When you click Login, you should be taken to a screen like this:

Logout Home

# Welcome to the CS242 discussion scheduling

Manage sections | Manage users

Then attempt to go to [domain\_name]/sections/manage. You should see a screen like this:

Home Logout

# Manage Discussion Sections

Monday 6pm & x 7pm & x 8pm & x Tuesday 5pm & x 6pm & x 8pm & x Wednesday 6pm 🕜 🗙 7pm 🕝 🗙 Thursday 4pm & x 6pm & x 7pm & x Friday 5pm & x 5pm & x 6pm & x Saturday

Sunday

Add Section

# 2) Test Logout

After completing *Test Password Login*, click the Logout button on the top left hand corner. You should see a page indicating you've been logged out.

Then attempt to go to [domain\_name]/sections/manage. You should get a 401 "Unauthorized" message, indicating that you no longer have permission to access this resource.

# Unauthorized

The server could not verify that you are authorized to access the URL requested. You either supplied the wrong credentials (e.g. a bad password), or your browser doesn't understand how to supply the credentials required.

### 3) Test User CRUD

Using the nassri2.acm login, add a password user for your own @illinois.edu address. You should receive a welcome email (barring any spam filters) with a temporary password. Using that password, repeat *Test Password Login*.

Then, log out and log in with the nassri2.acm account. Click on "Manage Users" from the home page, and delete the password user you previously created (with your @illinois.edu address). Without refreshing the page, create an Authcode User with your @illinois.edu email and verify that you receive a similar sign-on-link with a long token in it (but no mention of a password).

#### 4) Test Authcode Login

Click on the link sent to your @illinois.edu email at the end of *Test User CRUD*. Verify that you can access [domain\_name]/sections/pick after clicking said link.

## 5) Test Section CRUD

Log out and log back in using the nassri2.acm credentials. Add a section, "Monday" at "7PM". Verify that it gets added without refreshing the page, and that deleting it (by clicking on the red X next to the section) does not bring up any error messages both a) when the page isn't refreshed between addition and deletion of a section, and b) when it is refreshed between the two actions.

Furthermore, delete all sections, and create a single section "Monday" at "7PM". Verify that editing it to "Wednesday" at "3PM" and back to "Monday" at "7PM" work both a) when the page is refreshed in between and b) when it isn't.

#### 6) Test Email verification

Verify that you cannot register for usernames that are a) email addresses and b) don't contain @illinois.edu.

Furthermore, verify that logging into nassri2.acm and <u>nassri2.acm@illinois.edu</u> produce the same results.