Writeup Week 3

Accomplishments & Hurdles

Accomplishments: This week, everyone in the Front-End team deposited their `HTML,`
`CSS, JavaScript` and image files into the "Raw Templates" folder located in
   `cisc3140-su19-project/WeeklyReports&Updates/Front-End Team Weekly Writeups/Raw`
`Templates`.
   Approximately $\frac{1}{2}$ of these files were converted into templates, and uploaded into
   `cisc3140-su19-project/app`
   on the Master branch. `HTML` files were places inside the `templates` folder there and the
`CSS, JavaScript` and image files were placed inside the `css`, `js` and `img` folders respectively
within the `static`. These files are ready for usage by the Back End team and by the Quality
Control team. We will be happy to hear from them about any issue that they notice or any
question they have about them. In fact, over the past week, we had a few conversations,
some of them on the GitHub `Issues` tab about typos and syntax errors, which were promptly
addressed.
   It could be a good idea to write about the already uploaded templates, but a better thing
will be to take a look at them, since a picture is worth a 1000 words (and is not as tiring as
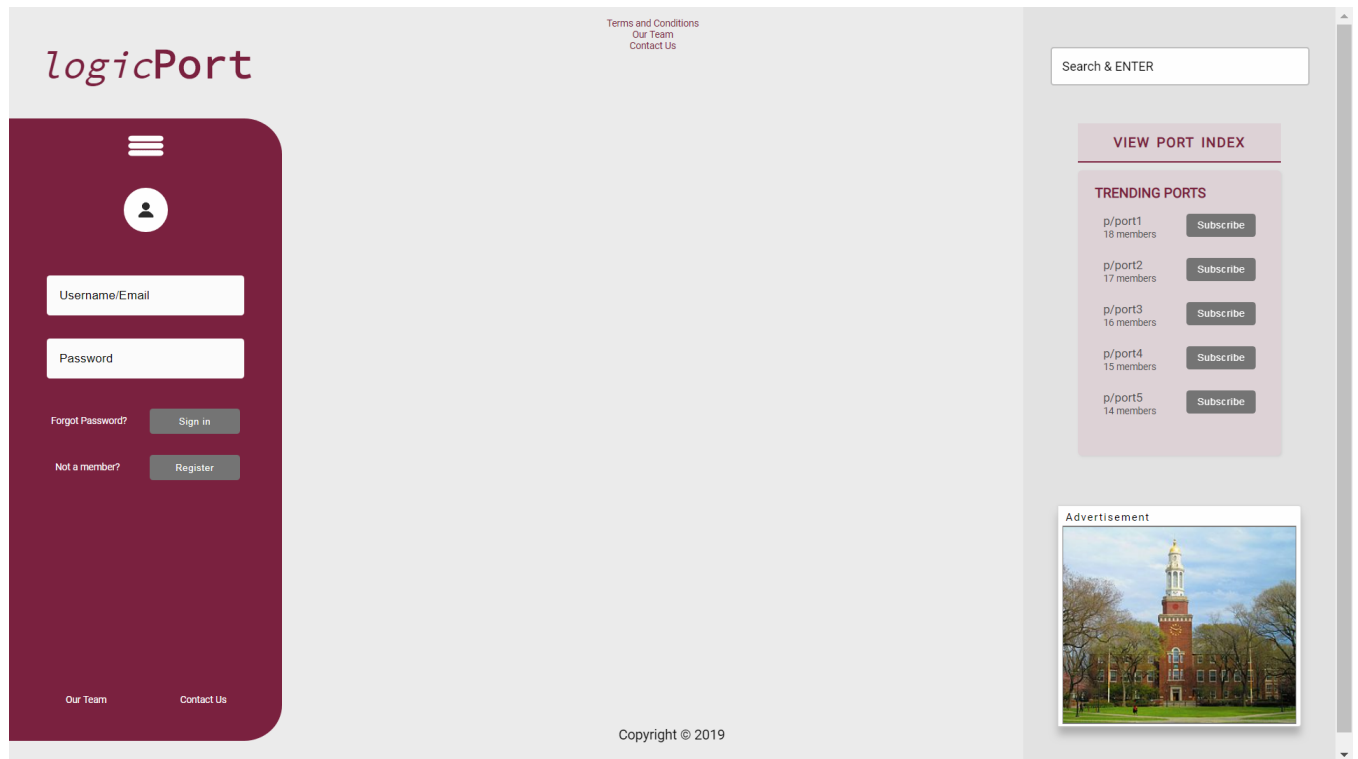reading)(starting from next page):

Figure 1: The user is logged out or not registered (`base.html`)
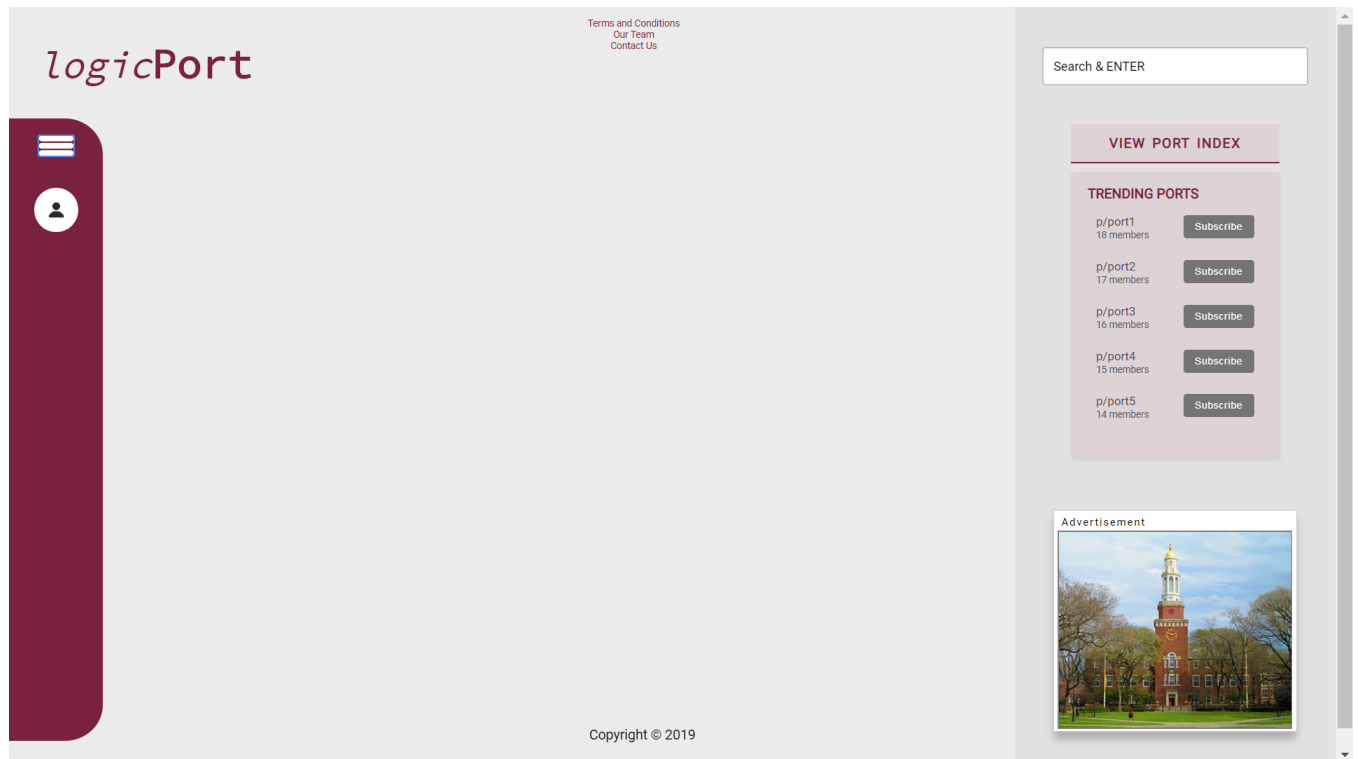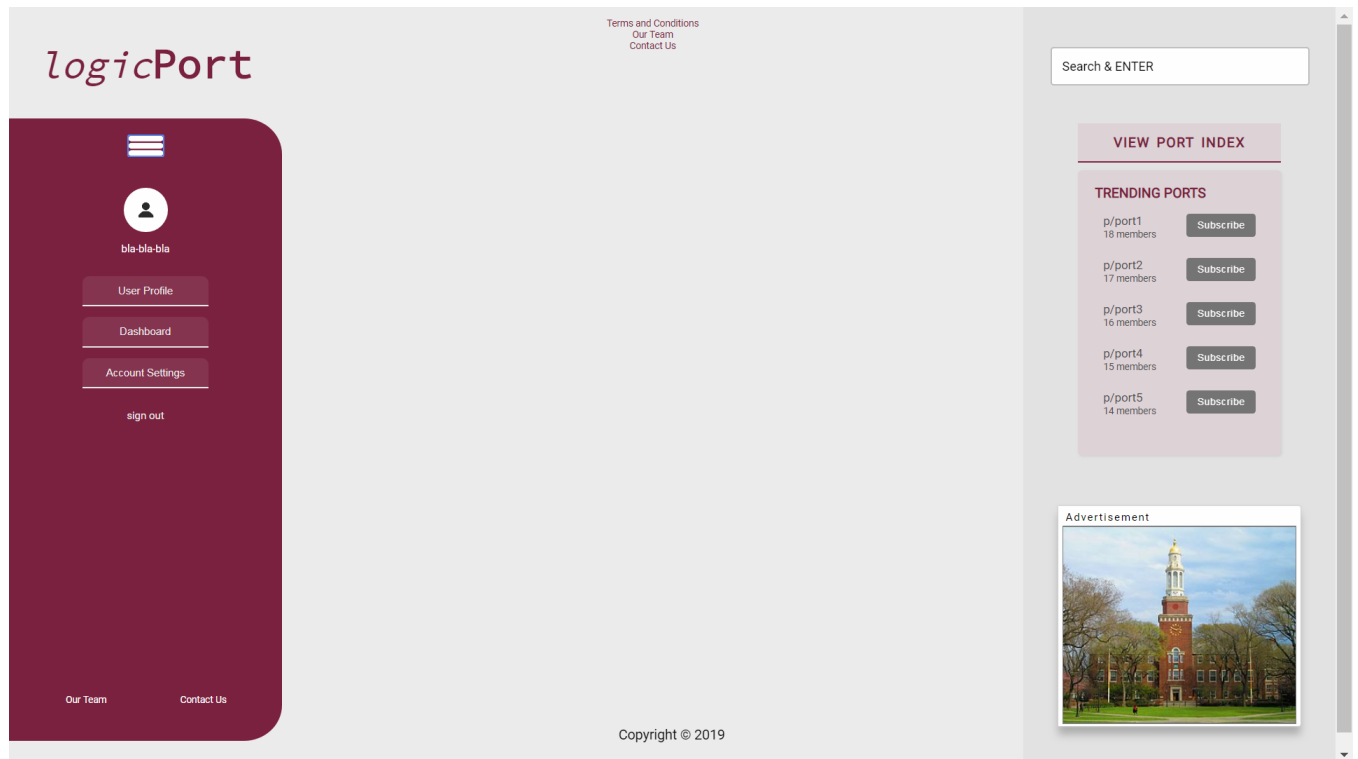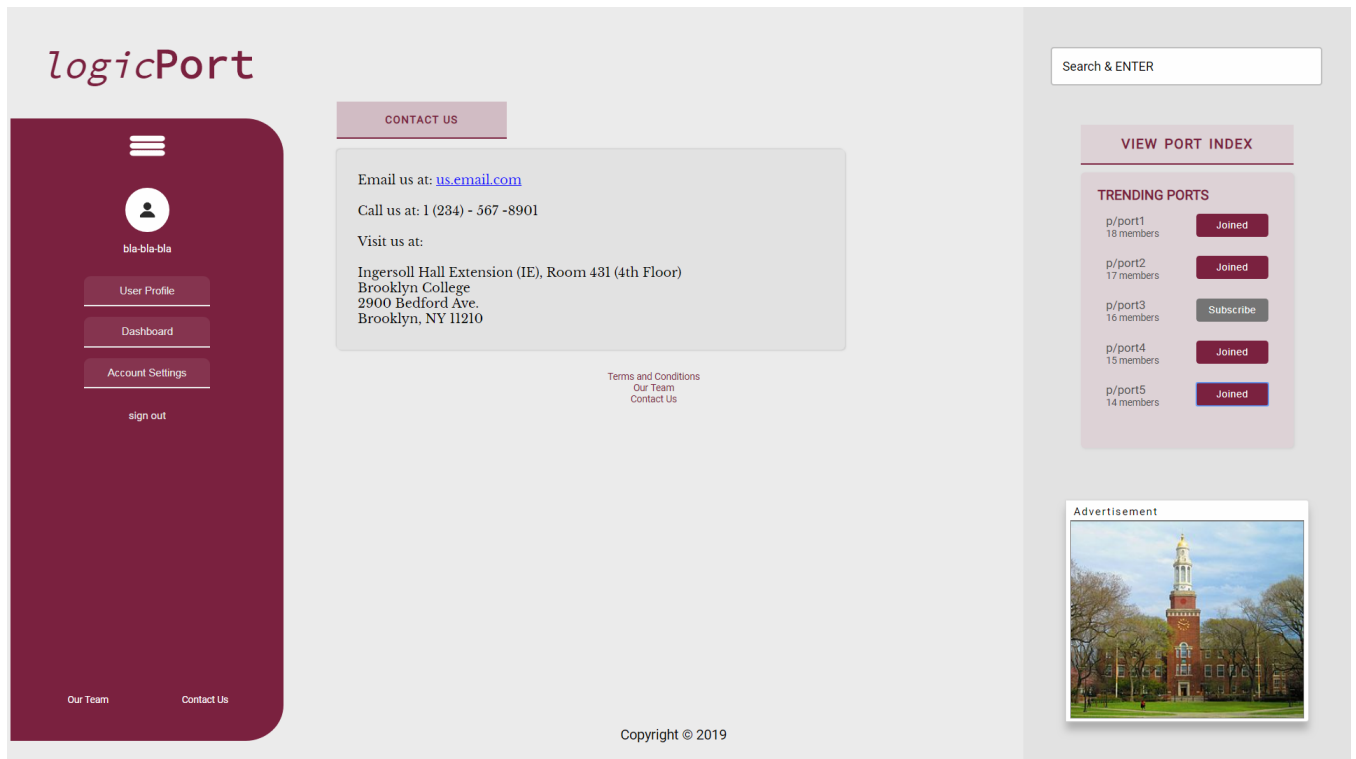
Figure 2: The user is logged in (`base.html`)

Figure 3: The user is logged in and the menu was opened (`base.html`)

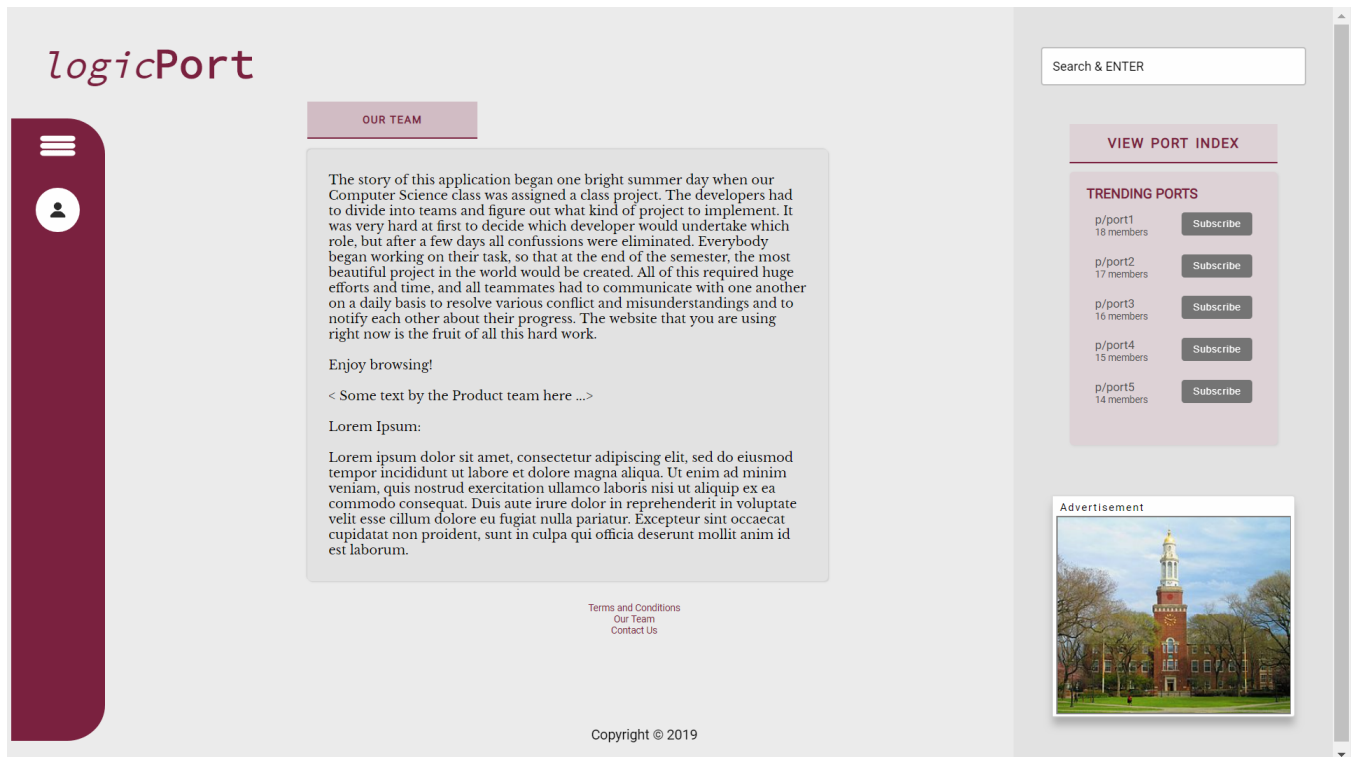Figure 4: The 'contact us' page (`genLinks.html`)

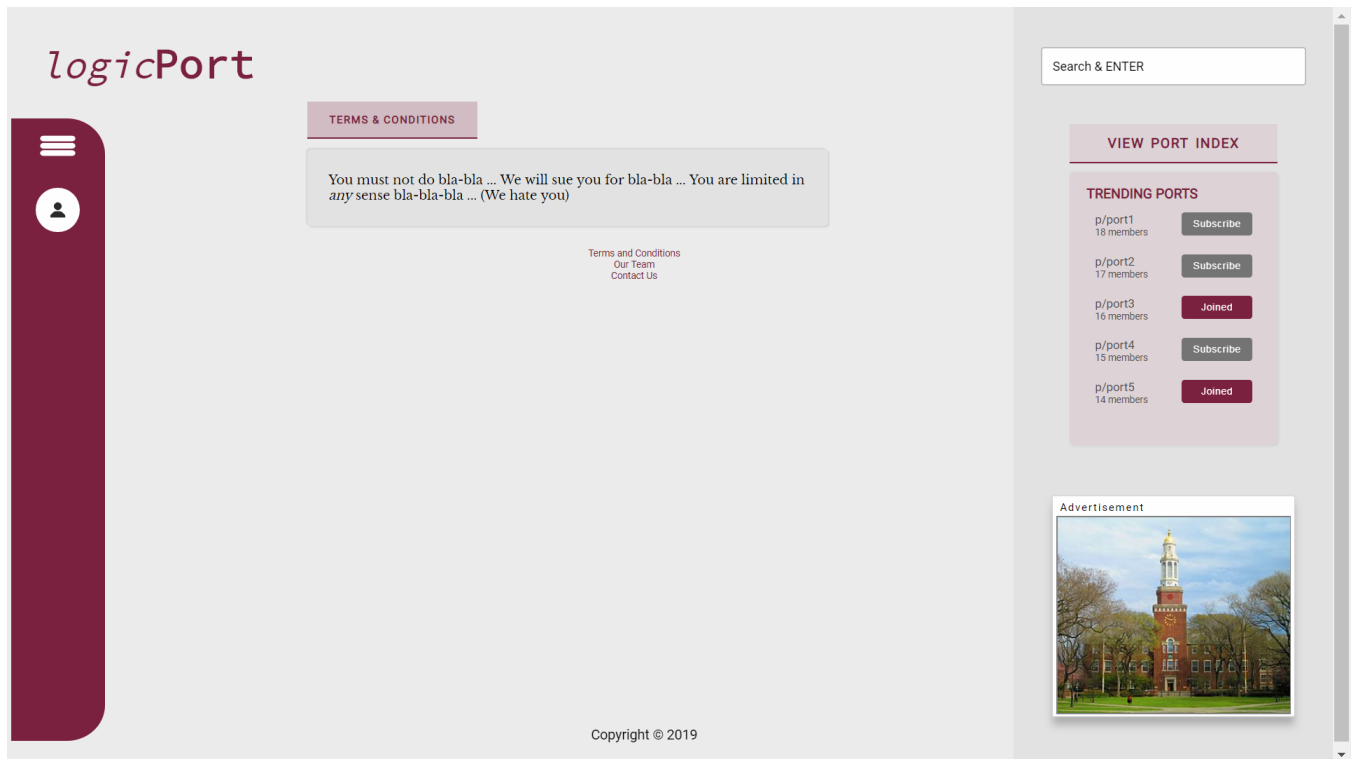Figure 5: The 'our team' page (`genLinks.html`)

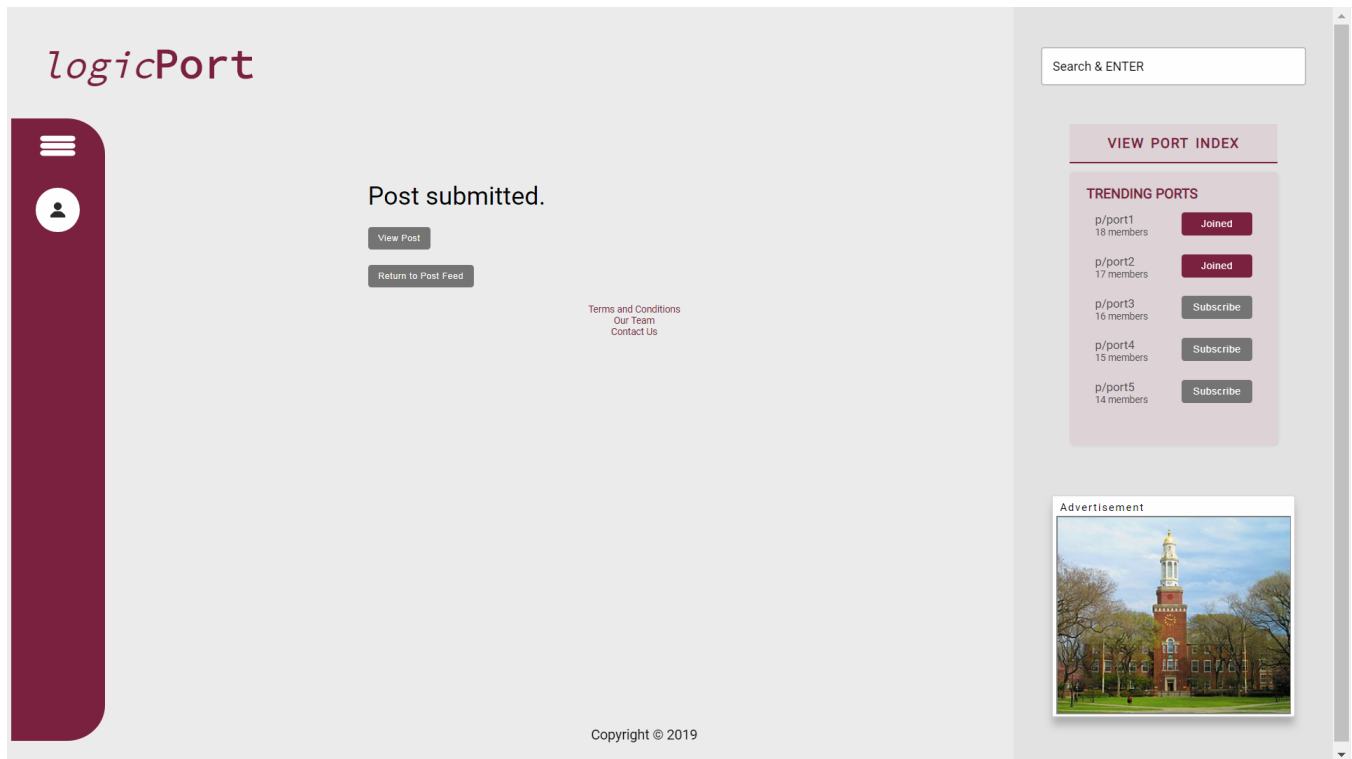Figure 6: The 'terms and conditions' page (`genLinks.html`)

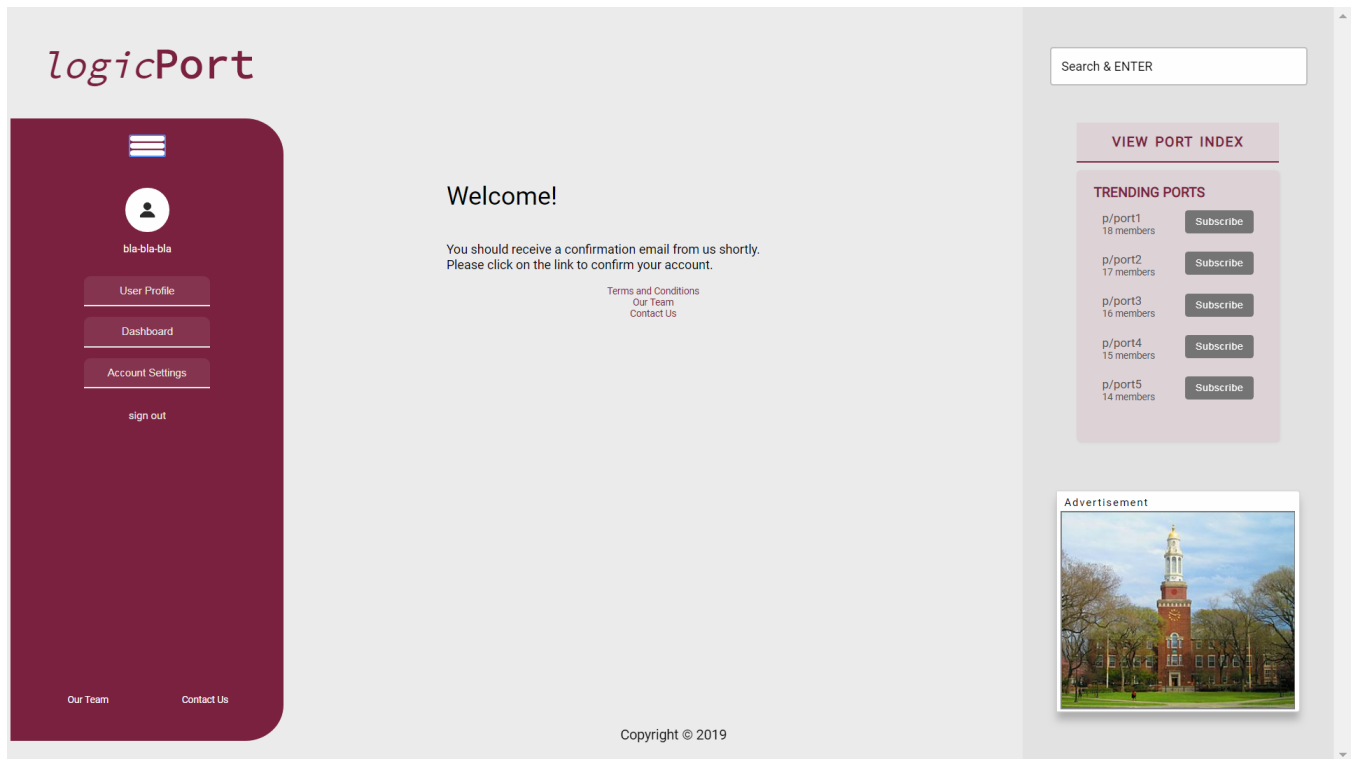Figure 7: The 'post is submitted' page (`postSubmitted.html`)

Figure 8: The 'registration pending' page (`registPending.html`)

Figure 9: The 'write post' page (`writePost.html`)

These shots were taken in the Google Chrome browser, and the templates very invoked with a small `Python` file.

Please take a look at the wireframes of Joe from the Product team in this link to see how the wireframes operate and connect to one another and the resemblance of the styling of the templates to the wireframes.

This week the Front End has also gone through an accessibility testing process of the UI. We have been testing the following accessibility scenarios:

1. **Color Blindness.** Are people suffering from color blindness able to interact with the website and distinguish all the elements therein without great effort?

2. **Keyboard Users.** Are people who cannot use the mouse for various reasons and depend on the keyboard only able to interact with the website and distinguish all the elements therein without great effort?

3. **Vision Issue.** Are people suffering from either full or partial vision issues able to interact with the website and distinguish all the elements therein without great effort?

The team has already checked the first two of the questions above; the results are that people falling in the first two categories can easily interact with the website with no problem. The third case has not been entirely covered, and a full description of the findings and the way any accessibility issues were resolved will be explained during the presentation.

For Next Week:

The missing templates are going to be uploaded to the `app` folder. The templates that are left to be uploaded (the 08.08) are:

1. The port index template (will be named `portIndex.html`). This template will display the list of the existing ports in the database. Items like port name, # number of member subscribed, short description, and 'subscribe' botton will be presented for each port.

2. The post details template (will be named `postDetails.html`). It will show the name of the post, the image, the date of posting, the author, and the comments to it.

3. The posts list template (will be named `posts.html`). This is a multipurpose template because it will be used for 3 types of views:

   (a) Display the website's front (root directory) page to a non-user (it's like when you go to www.google.com, the page that you see when you do not have a slash after the .com is the front page.) This will show various posts from different ports based on either time or number of votes

   (b) Display the results of a 'search'. After the user typed something into the search, the page will show resulting posts.

   (c) Display the posts of a particular port after a user or non-user clicked on the link of a port's name.

4. The registration template (will be called `register.html`). It will contain a form where a non-user will register for the website.

5. And the final 5th template is the multipurpose User Info template (will be called `userInto.html`). It's multi-purpose because it will be used for the following:

   (a) Show the 'User Profile', either of the user him or herself, or of another user of the website whose profile the user is visiting.

   (b) Show the 'Dashboard' of the user him or herself. This will include:

      i. A subscription page with all subscribed ports.
      ii. A comment page with history of comments written by the user.
      iii. A saved posts page with history of saved posts by the user.
      iv. A 'my posts' page with history of written posts by the user.

   (c) Show the 'Account Settings page. This will include:

      i. An 'email and password' page where the user can update either of those.
      ii. A notifications page where the user could 'register' for email notifications.

      Obviously, the `userInfo.html` template will be structured in a `if - elif - else` pattern. Flag arguments that will be passed to the `render_template` function will decide which of these scenarios will be the actually displayed page.

The other main task to accomplish next week is to be in a constant communication with the Back - End team to create a connection between the server and the templates. It is very hoped that by the end of the week, at least a partial connection will be generated, so that the operation of the integrated application will be demonstrated. We are willing to do whatever is being told to us from the Back End team and from the Quality Control team regarding the integration of the program and the fixing of any occurring errors.

Great thanks to all the teams for giving us updates about their work and for giving us advice on how to proceed!