

## 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 placed 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):

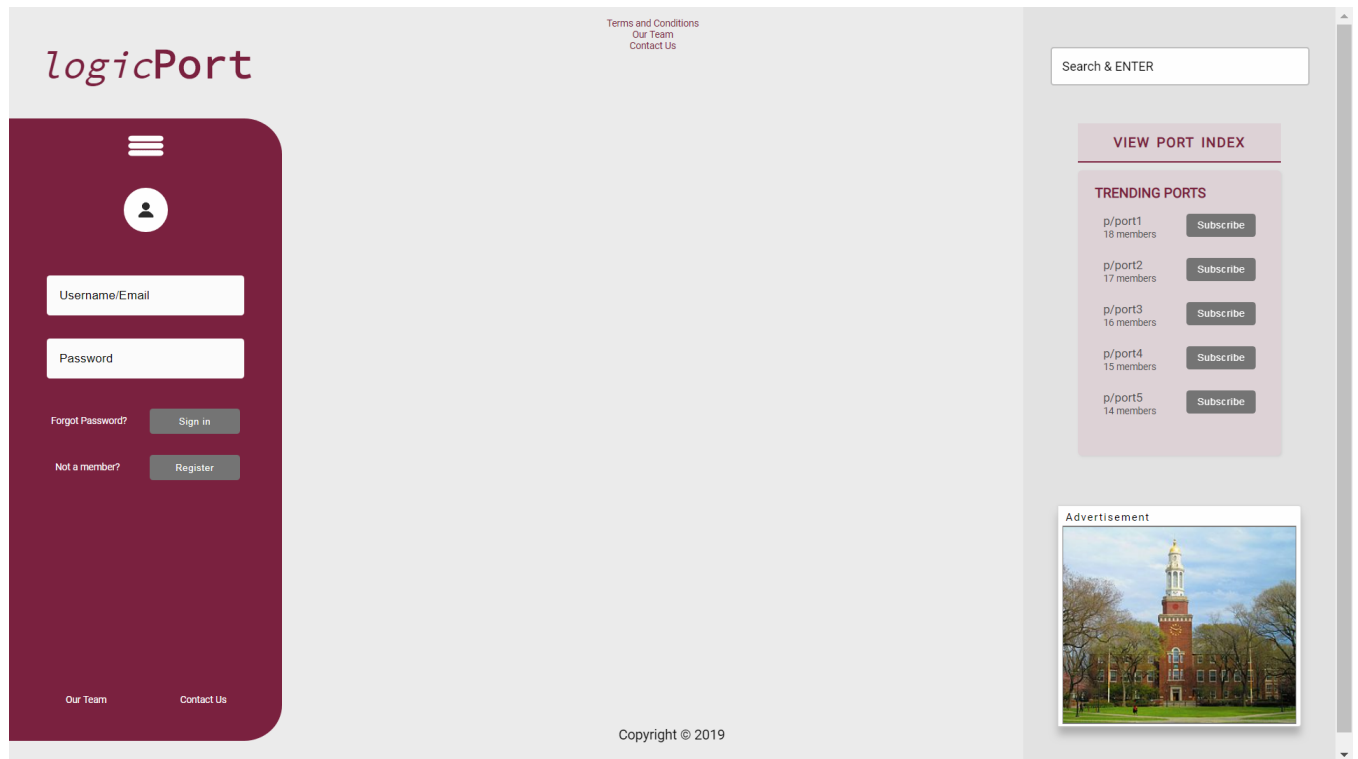


Figure 1: The user is logged out or not registered (`base.html`)

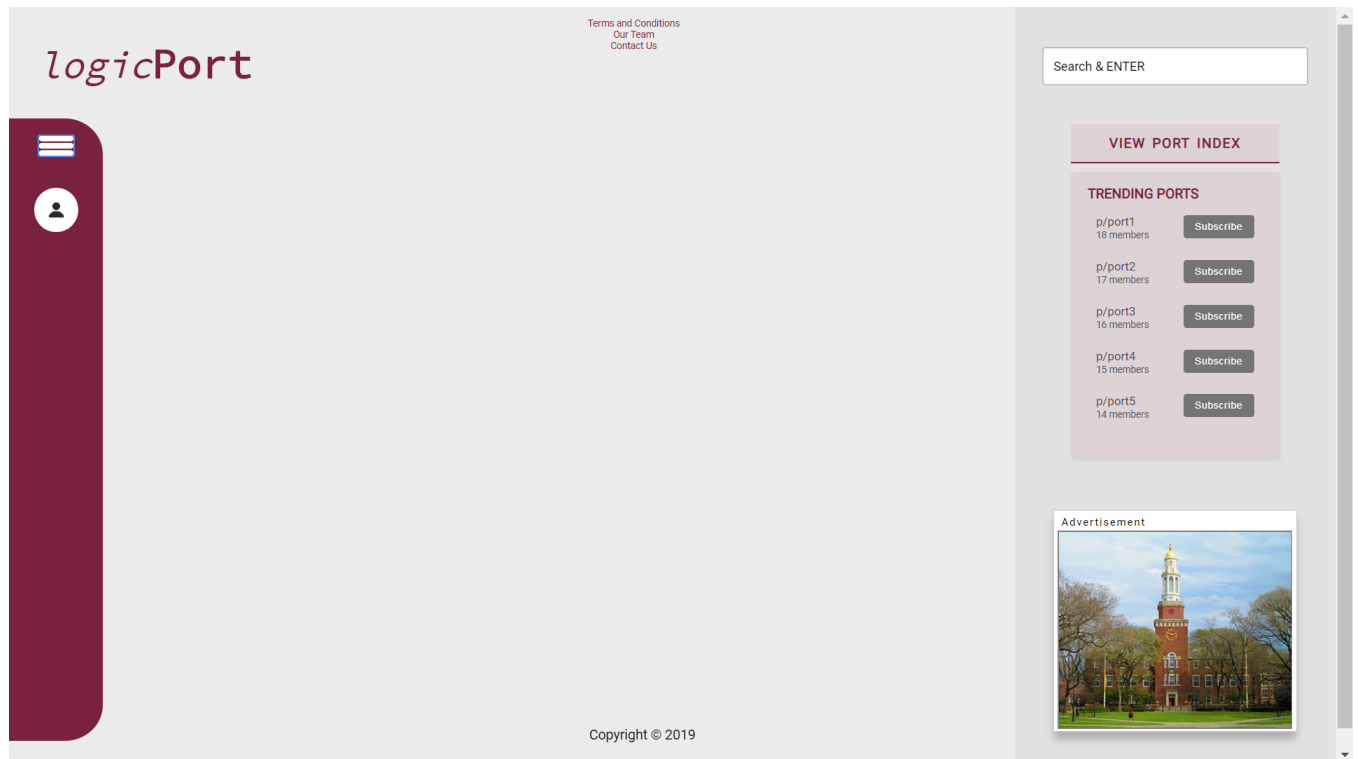


Figure 2: The user is logged in (`base.html`)

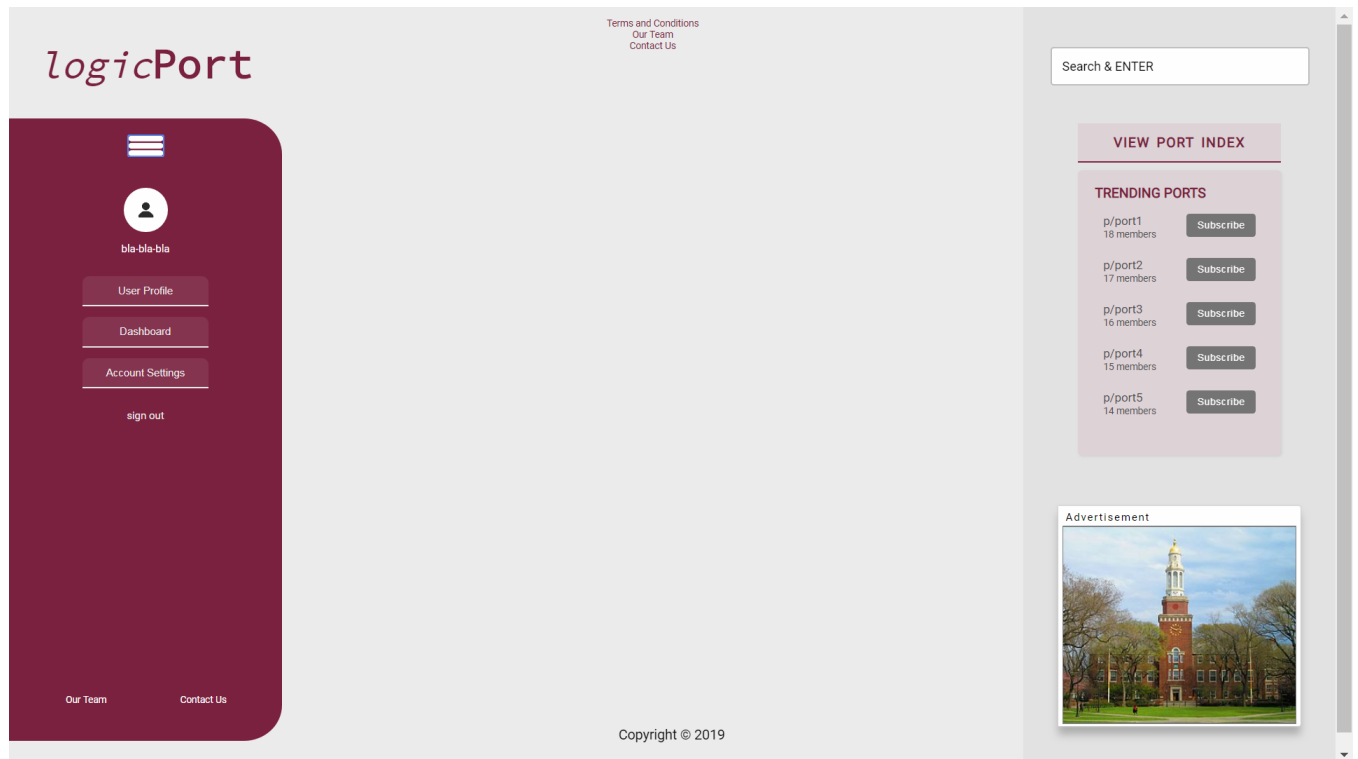
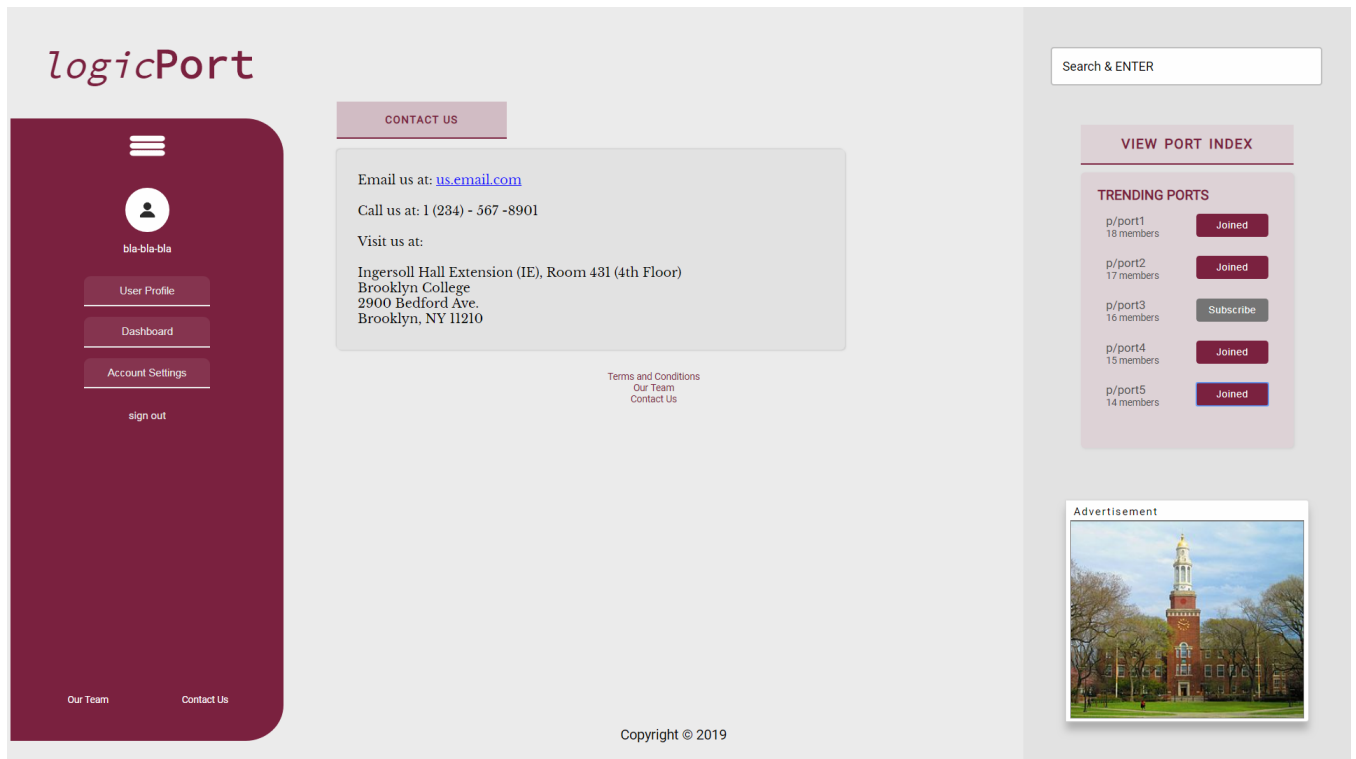


Figure 3: The user is logged in and the menu was opened (`base.html`)

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

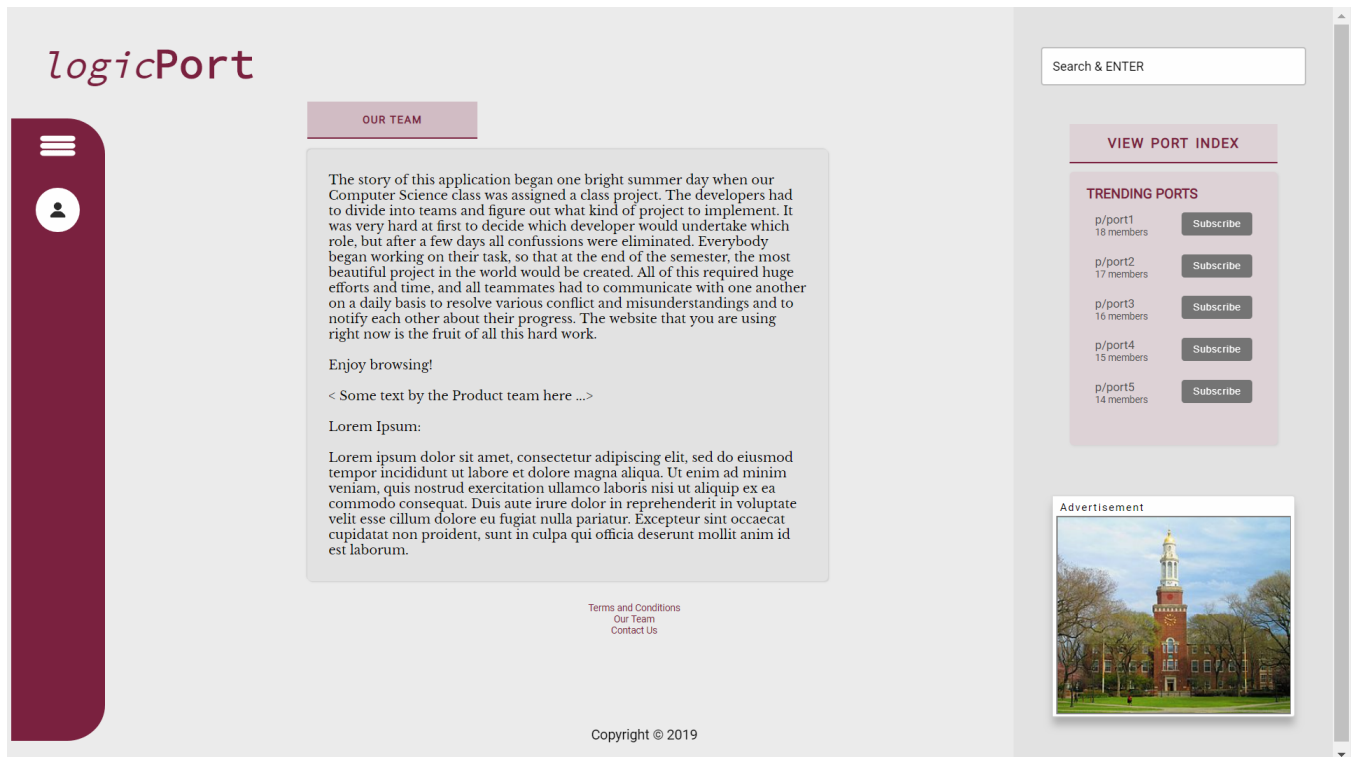


Figure 5: The 'our team' page (genLinks.html)

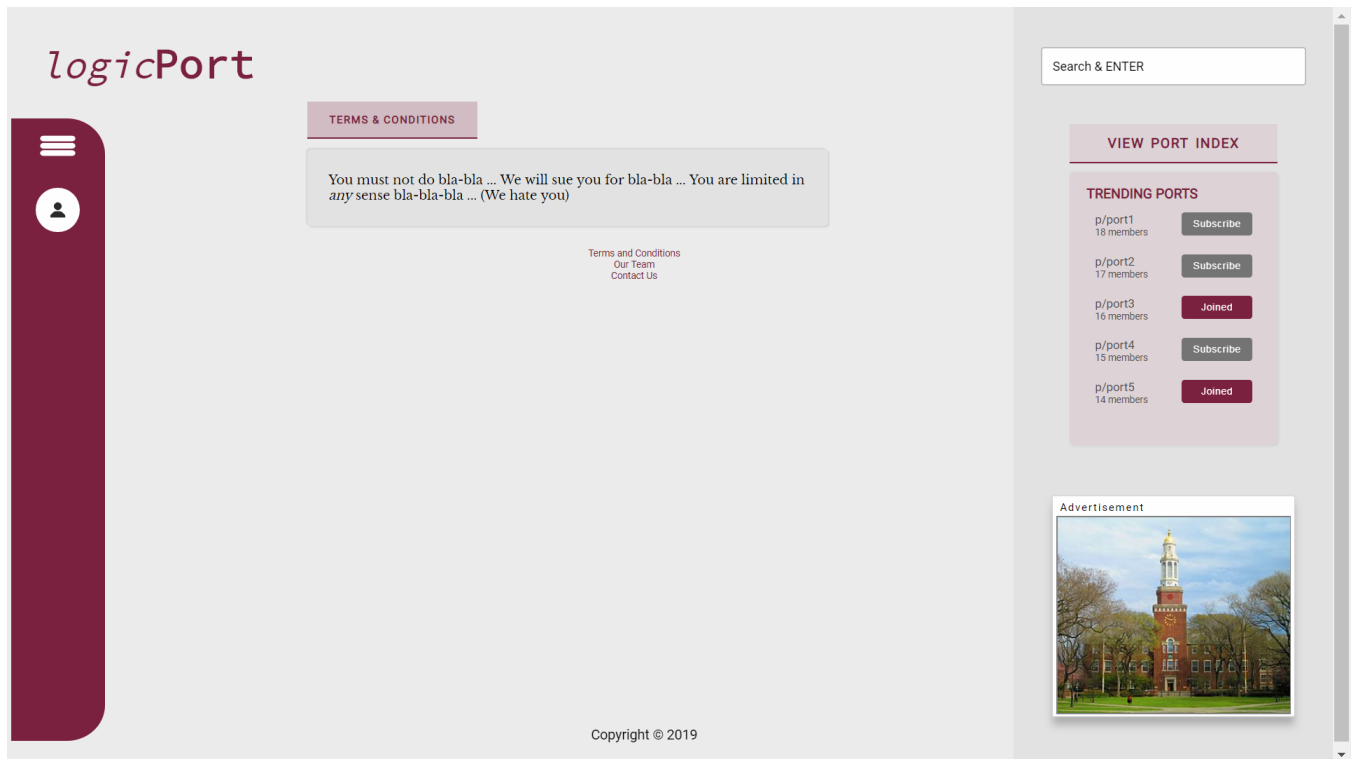


Figure 6: The 'terms and conditions' page (`genLinks.html`)

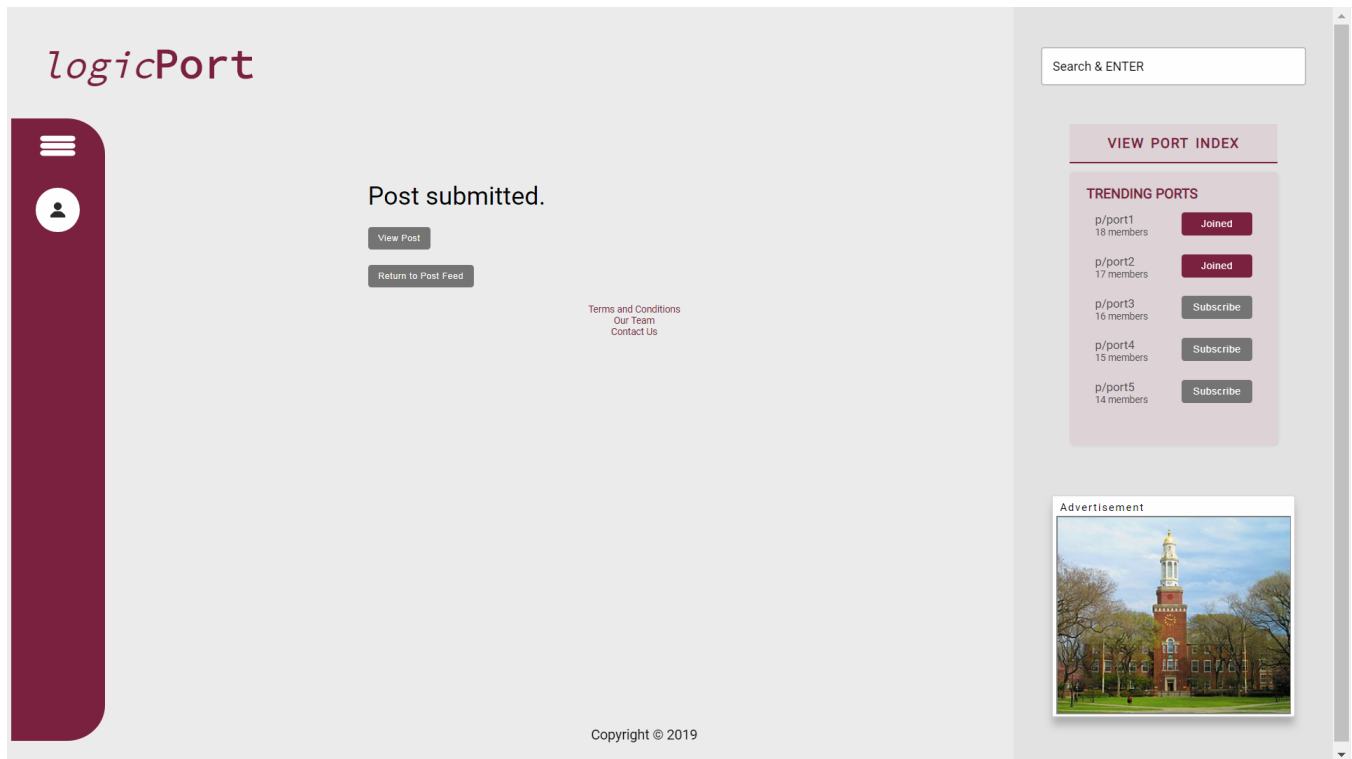


Figure 7: The 'post is submitted' page (`postSubmitted.html`)



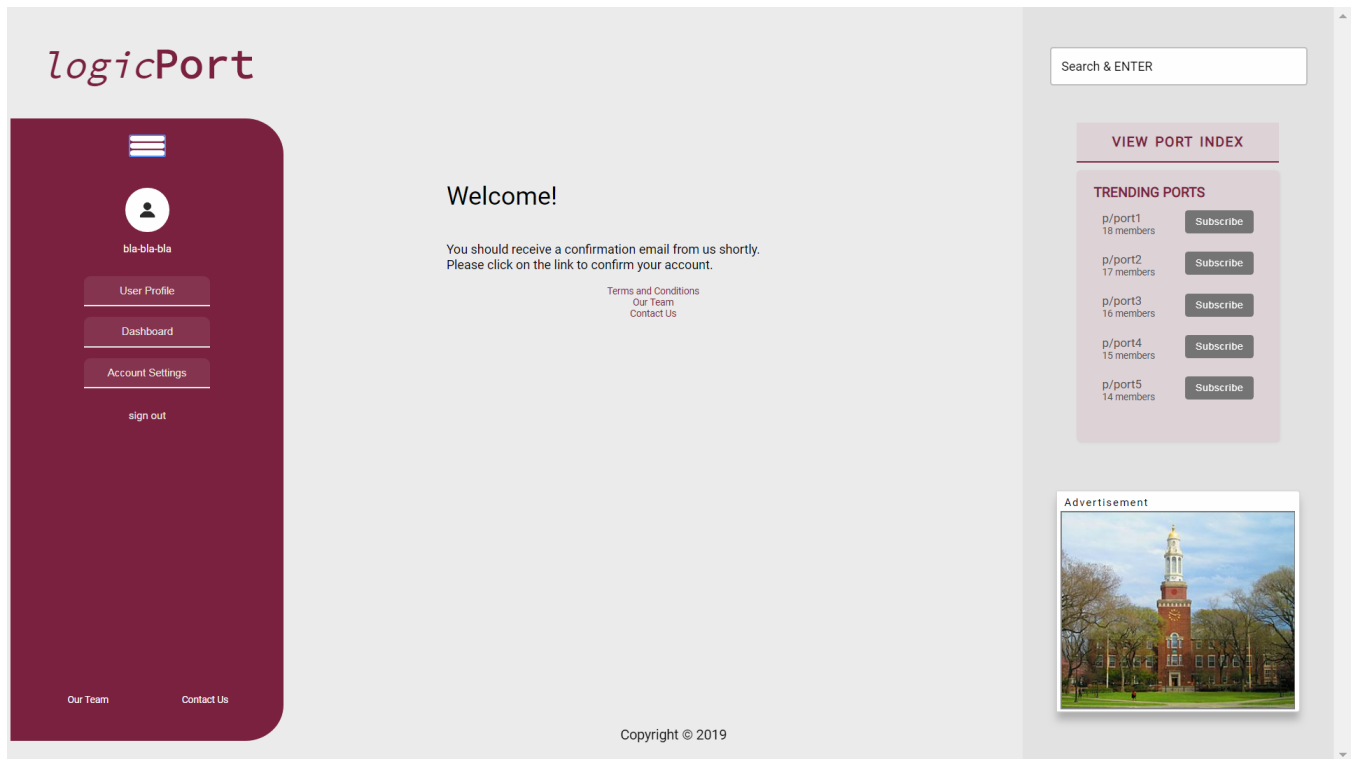


Figure 8: The 'registration pending' page (`registPending.html`)

logicPort

Search & ENTER

VIEW PORT INDEX

TRENDING PORTS

p/port1	18 members	Subscribe
p/port2	17 members	Subscribe
p/port3	16 members	Subscribe
p/port4	15 members	Subscribe
p/port5	14 members	Subscribe

Advertisement

Advertisement image showing a large building with a clock tower.

Create a post on p/ Search Communities

\*. required

Post Title

Add Link (optional)

Text

Add Image

Submit Post

Terms and Conditions  
Our Team  
Contact Us

Copyright © 2019

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

These shots were taken in the Google Chrome browser, and the templates were 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.

**Hurdles:** It took (and still takes) quite a long time to create the templates, perhaps due to the pressure of the exam and the homework assignment this week. We have not yet uploaded all of the ‘final product’ templates to the `app` folder, which is contradictory to our promise in last week’s check in. The styling procedures are very difficult and take time to be completed because of the necessity to make the templates resemble the wireframes of the Product team and make sure that they can be accessed from every browser and every screen size. As it is seen from the images, the templates are compatible with the Google Chrome browser so far, but testing on other browsers has not been made yet. There is also a necessity to add a `@media query` to the `CSS` sheet to make the website accessible and working on smaller screen sizes (the concern is mostly about small width of the screen). We really hope to address these issues next week, and to finish creating the templates, as described below:

### 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’ button 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 `userInfo.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!