

CSS Frameworks

Module 1

Course Assignment

Additional Content



Course Assignment

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Goal

To apply knowledge of Bootstrap and SASS to build a responsive front end for a social media application.

Brief

You are tasked with creating 3 pages in HTML using Bootstrap and SASS:

1. Authentication page (/index.html)
2. Feed Page (/feed/index.html)
3. Profile page (/profile/index.html)

The authentication page should have a form to login or register to the application. Ensure to include HTML form validation and use /profile as the action attribute. Password must have a minimum length of 8 characters.

The feed page should have a list of posts thumbnails, a search bar, sort options and a form to create a new post. You may add additional design features beyond these requirements.

The profile page should have a profile image, username, list of user posts, follow button and an area to display following/followers.

There is no requirement for JS functionality beyond Bootstrap UX behaviour. For example, using the provided dropdowns, tabs or carousel is acceptable but there is no further requirement for custom JS.

Submission for this project will follow the pattern used in professional development. You are expected to seek feedback from your peers to complete this assignment. When requesting feedback it is useful to ask for a specific area to be reviewed in order to get the most out of your feedback.

Process

1. Create a prototype for each page
2. Create a fork from this repository [🔗](#)
3. Create a new git branch for this project called `css-frameworks`
4. Install Bootstrap, SASS and Live Server
5. Configure NPM scripts in `package.json`
6. Implement your design using Bootstrap and SASS overrides
7. Create a Pull Request to merge your changes to your main branch
8. Share this Pull Request and request peer review
9. Discuss and implement the feedback gathered from peer review
10. Complete the approved Pull Request, or implement the required changes

Delivery

For peer review, please submit a link to your repository to the Moodle forum. You should review 2 of your peers' submissions.

Please submit your public GitHub repository URL and any supplementary files, such as wireframes. Your repo should have an active PR that the teachers will review.

Design files will not be included in your grade but will help to provide additional context to the marker.

Please make sure to exclude `node_modules` by using a `.gitignore` file.

Resources

- Using branches and making a pull request [🔗](#)
- Installing Bootstrap [🔗](#)
- Customising Bootstrap [🔗](#)
- Excluding `node_modules` using `.gitignore` [🔗](#)