

Graded Assignment 1

CS 303(P) Software Engineering Lab

August 9, 2021

1 Description

In this assignment, students will be making a portfolio(personal website). Your portfolio is where you share details about yourself, showcase the projects or your artwork, or even write any blogs, be it technical or non-technical. Students would get an opportunity to explore Git and Github while working on building their portfolios.

Here's a list of templates to get started:

- <https://guides.github.com/features/pages/> Probably the simplest way to build out your portfolio.
- <https://github.com/nisarhassan12/portfolio-template> Find how to edit and customise your portfolio in repository's README.md

The templates we have shared do not require any additional dependencies like Node, React Jekyll etc. and are based on Vanilla JS, so you should be able to run them with just any modern browser. Feel free to use any other template other than these. You can find tons of them on Github. You can also code out your own portfolio but bear in mind that your code would NOT be judged for the assignment score.

If you are fine installing dependencies, here are some more simple templates

- <https://github.com/mmistakes/minimal-mistakes>
- <https://github.com/vercel-solutions/nextjs-portfolio-starter>

If you are still interested, look out for frameworks like Jekyll, Hyde and Hugo. In case, you find some cool templates and would love to share with your batchmates, feel free to start a thread on LMS.

Once the student develops their portfolio, they must upload the code on Github and make the repository public until the marks are allotted. Once the marks are allotted students are free to make their repositories private. After uploading the code on Github, they should host their website on services like Github Pages, Heroku, Netlify or Vercel.

You can find how to host your code by following the steps in these links:

- <https://docs.github.com/en/pages/getting-started-with-github-pages/creating-a-github-pages-site>
- <https://dev.to/yuribenjamin/how-to-deploy-react-app-in-github-pages-2a1f>
- <https://vercel.com/docs/platform/projects>

To showcase your portfolio, we are making a dashboard. Further details regarding that would be shared by this weekend.

The minimal requirements for a valid submission are:

- **At least 3 commits** in your portfolio code repository
- **At least 2 branches** in your portfolio code repository

We understand that a few students have already made a portfolio site previously. You might use this as an opportunity to improve and update your site. The bare minimum requirements for a valid submission are similar to the ones mentioned previously.

Through this assignment, you can also explore a few features in Github like [Github Boards](#) which could help you prioritize and organize while building your project. This could also help you to understand workflows like Waterfall, Agile, Scrum, Kanban etc. even better.

2 Scoring

The entire assignment is for 20 marks. The breakdown is as follows:

- Clearing minimum requirements for valid Submission: **10 marks**
- Creating a successful PR in the Dashboard(will be updated by this weekend): **5 marks**
- Effort: **5 marks**

Effort essentially comprises of factors like:

- **Quality of commits and commit messages:** Looking at the commits can tell a lot of details. Eg: If a student made 4 commits in total and the majority of them are in metafiles like README, .gitignore etc. there is a chance that you might not gain points for that. This shows how sincere you were with the submission.
- **Content of your portfolio:** The main aim of this is to essentially check if you have made some effort to customize it according to you. This is to avoid blatant copy-paste of an external repository's content. Some tips are to write 2-3 lines about you and your interests and probably link your Github or any socials in your portfolio.

3 Deadline

The deadline for the submission is on **Friday, 27th August 2021 EOD**. Late submissions will attract a penalty of 1 mark/day. If you are unable to submit the assignment on time due to any valid reason feel free to reach out to the Professor or TAs. We are there to help you out!

4 Additional things to remember

Please note that you are NOT expected to code and make an amazing UI for your portfolio, and neither your code nor your UI is judged for scoring. However, the motivation behind curating this assignment is that you can use this as a way to present yourself. Hence we would appreciate if you could put some effort into making your portfolio presentable.

We shall get back with an updated document regarding submission details again by this weekend. This document should be sufficient to get started with your assignment.

In case of any confusion regarding this please reach out to any of the TAs and discuss with us. We would be really glad to help you out and receive your feedback.