

Project 1 – Frontend Development

Due Monday, April 30th, 2018 @ 11:59pm via Github

Before we get started...

Please note that Project 1 is comprised of Labs 1 to 4. This project is all about frontend development. That means your HTML pages will have functionality and display data from there. Of course, when it comes to saving data, you are only saving it on the frontend... (does that mean that the data you save is temporary? Or is it permanent?). Please get comfortable with frontend development before you start on this project!

Please note!

You can only work by yourself on this project. This is good practice for creating frontend web applications! Most importantly, have fun! This project is not meant to stress you out.

Some inspiration...

In your frontend application project, you are free to develop anything! This project allows you the creative freedom; you shouldn't create something too simple, but you do not need to go hardcore unless you want to. Here, I would like to suggest some ideas when you start your frontend application development:

- Creating a calculator
- Making a game (something simple? Like chess, checkers, a guessing game, etc.)
- Developing a frontend application that allows you to upload a picture and be able to draw on the uploaded picture
- Etc.

The possibilities are endless! Just be sure to record your idea under the Read Me file! (Please take a look at the ***Including a "Read Me" file*** section to fill this particular part in!)

Including a "Read Me" file

When you are finished your frontend application, you need to include a "Read Me" file in your repository. In this "Read Me" file, please fill in the following details briefly:

- ***How to start the application***
- ***What this application is about***
- ***Development: How did you start development on this application***
- ***Development bumps and issues***
- ***Answer to the following question: "Do frontend applications save data temporarily (when the web application is open) or permanently (always have the data readily available whenever you reload the web application)?"***

What do you need to do? What should you accomplish in this project?

At the end of the day, you will be working on HTML, CSS, and JavaScript files. I will not be providing source code to you since this project is based on your idea. You should have an understanding of how to start and create HTML, CSS, and JavaScript files. As you work on your project, be sure to consistently save your work and upload it to Github when you need to! This is especially useful if you need to roll back to a commit of a working copy if you really need to.

Submissions

When you are done, submit your work through Github in a repository called “c5project1-<github name>” shared by Evan before Monday, April 30th, 2018 @ 11:59pm. Late submissions will not be marked.

Achievement Marks

You can view your marks on course_PORTaL. This project is worth 18% of your final mark.

<u>Achievements</u>	<u>Marks</u>
Web application is organized	/ 15
Is the application working as intended? (e.g. links actually do send you somewhere, functionality runs properly, etc.)	/ 70
JavaScript functionality works and manipulates(?) with data sent from HTML page	/ 10
readme.txt or readme.md or readme.doc(x)	/ 5
<i>Total</i>	<i>/ 100</i>