Front End Project

*March 2021 CG Cohort*

**Project Description + Rubric**

## 

## The graded assignments for the Front End track will be steps towards building a complete project.

## Project Requirements

* Create a React application that satisfies the grading rubric below.
* The purpose of your application is completely up to you. Ideas: fictitious company, a real company, a cause, a hobby…. Anything.
* Students must demo their application to the class in order to receive a passing grade.
* Students must provide their code base in order to be graded. This can be sent via a compressed folder attachment or via a Github repository URL.

## Past Class Examples

1. \*internal use only\* - [recording of past CoderGirl class demo’ing their projects!](https://youtu.be/3q697kQkJ9U) Please note - since this is the first time CoderGirl is covering React, the past examples are in Angular.

## Grading Rubric

Final grade is based on achieving “pass” for all three sections.

|  |  |
| --- | --- |
| **Student’s Name:** | |
| ***React- Demonstrated Knowledge*** | ***Grade***  *Pass/Fail* |
| * Must have at least one event handler * Must fetch data from a service (i.e. API) * Must use Routing * Must have at least three unique hooks * Must have a minimum of two Components |
| ***Commitment to Quality*** | ***Grade***  *Pass/Fail* |
| * Must have custom unit tests for each component * The app must load within 5 seconds on a standard high-speed internet connection\* |
| ***User Experience*** | ***Grade***  *Pass/Fail* |
| * Must utilize Bootstrap 3.0 or 4.0 * Must use at least one SASS variable * Must have at least 1 form with basic validation * Must have a universal navigation menu to easily navigate the app |
| **Overall Grade**  **Pass/Fail** | |
| ***Comments:***  \*We understand that students may not have access to high speed internet. If you need help with this requirement, please reach out to Mandy Schultz. | |

**Graded Assignment 1: Project Checkpoint**

On Class #2, you will be brainstorming project ideas. Please submit a brief explanation of your project, complete with

1. a working title,
2. features you intend to include,
3. goal you want the project to achieve,
4. who is the audience, and
5. what problem is it going to solve?

The purpose of your application is completely up to you. Ideas: fictitious company, a real company, a cause, a hobby…. Anything.

**Graded Assignment 2: Project Checkpoint**

Demo your project idea, including mockups of the design.

1. Select a wireframing tool and use it
   1. Can be a pen and paper, just upload the pictures!
2. Minimum of 3 pages mocked up
   1. Must include navigation bar
3. List of pages to include
   1. Ex: search page, contact us, homepage, etc.

**Graded Assignment 3: Project Checkpoint**

Demo your project so far, including a navigation bar and landing page! Both should include some element of styling, and look like pages that a user could navigate easily. It must have custom unit tests for each component.

**Graded Assignment 4: Project Demo**

Demo your project, including the inner pages! For the project presentation slides, complete this [Project Demo LiftOff assignment.](https://education.launchcode.org/liftoff/modules/assignments/project-presentation.html#assignment-project-presentation)