

React 1 β

[New Attempt](#)

Due Oct 18 by 11:59pm **Points** 3 **Submitting** a file upload **File Types** pdf

Reimagining Layout, Structure, & Navigation

In this assignment, you will explore the concepts we will learn in the lecture, titled “*Interaction Design: Structure, Layout, & Navigation*,” on Thursday, October 7.

1. **Part 1—Analysis:** In this part, you will analyze your current solution for the React 1 α Assignment in terms of its structural, layout, and navigational elements.
2. **Part 2—Redesign:** This part will involve using the principles and components covered in class to redesign your solution and describe your design choices.
3. **Part 3—Implementation:** In this part, you will implement your new design by extending your implementation for the React 1 α Assignment using additional React and/or Bootstrap components.

Submission Details

React 1 β will build on your implementation of React 1 α . You should copy your code from your React 1 α project to the React 1 β repository below, as that will be your starter code. **When you commit and push, ensure that you are committing and pushing to the react1-beta repository, not react1-alpha.**

NOTE: *If you were unable to complete one or more problems in React 1 α Assignment and your code is not fully functional, you can still complete this assignment and get full credit. Remember, in β assignments, you will be judged on the design aspects of your application. For example, if you were unable to display all the course information in React 1 α , you can hard-code in some dummy data and apply the design to them.*

To complete the assignment, use the handout/template linked below and follow the steps provided. You can download template in a format you can work with (DOCX, ODT, RTF) and when you complete, **save it as PDF to upload to Canvas**. In addition, you will **submit your repository name and latest commit hash** from GitHub Classroom as a comment.

Handout

(https://docs.google.com/document/d/1C9o4PGHY6sKbFj44EbERLO2y33tCYS2U_-051uqMil8/edit?usp=sharing)

React 1 β Repository (https://classroom.github.com/a/XJKuBEed_)

React 1 β

Criteria	Ratings			Pts
P1S1: Analyze Structures	0.2 pts Full Marks Structures are identified and explained.	0 pts No Marks Structures are not identified and explained or are done so poorly.		0.2 pts
P1S2: Analyze Layout	0.2 pts Full Marks At least two elements of layout design are identified and explained.	0.1 pts Partial Marks Either less than two elements of layout design are identified or elements are poorly explained.	0 pts No Marks Less than two elements of layout design are identified with little to no explanation.	0.2 pts
P1S3: Analyze Navigation	0.2 pts Full Marks Navigation model(s) are identified and explained and the drawing supports the explanation.	0.1 pts Partial Marks Navigation model(s) are identified but are either poorly explained or no drawing is made to support the explanation.	0 pts No Marks Navigation model(s) are not identified and no drawing is made to support the explanation.	0.2 pts

Criteria	Ratings			Pts
P2S1: Conceptual Redesign	0.4 pts Full Marks Meaningful change is made in the re-design. Changes are made, employing the use of at least one layout principle, one change to the navigation model, and one element to improve navigation. A mock-up is provided, with clear and thoughtful annotations.	0.2 pts Partial Marks Changes are made; however, it is unclear how at least one layout principle, one change to the navigation model, or one element to improve navigation are used. A mock-up is provided, but annotations may not be clear and thoughtful.	0 pts No Marks Change in the re-design is not meaningful. Principles described are poorly used or disregarded, and a mock-up is not provided, poorly made, or lacks meaningful annotation.	0.4 pts
P2S2: Detailed Redesign	0.4 pts Full Marks Thoughtful consideration went into determining image, color, type, size, icons, and other elements of design. A mock-up is provided that clearly annotates these design decisions.	0.2 pts Partial Marks Some considerations went into determining image, color, type, size, icons, and other elements of design. A mock-up is provided that annotates these design decisions, but the rationale behind these decisions is unclear.	0 pts No Marks Little consideration went into determining image, color, type, size, icons, and other elements of design. A mock-up is not provided or does little to explain their usage.	0.4 pts

Criteria	Ratings			Pts
P3S1: Inspect Library Elements	0.3 pts Full Marks Elements from Bootstrap, other alternative CSS frameworks, or vanilla CSS are chosen that will help accomplish the design goals, and they are well-justified.	0.2 pts Partial Marks Some elements from Bootstrap, alternative libraries, or vanilla CSS are chosen that will help accomplish the design goals, but their usage is unclear.	0 pts No Marks Elements from Bootstrap, alternative libraries, or vanilla CSS are not chosen that will help accomplish the design goals.	0.3 pts
P3S2: Implement Redesign	1.3 pts Full Marks The implementation of the re-design well-matches the student's intended design. React components, Bootstrap components, or alternative library solutions are employed to make a cleaner user experience.	1.3 to >0.0 pts Partial Marks Some implementation of the re-design is done, but it is not aligned with the student's intended design.	0 pts No Marks No attempt is made at implementing the design.	1.3 pts
Total Points: 3				