

Account

Dashboard

Courses

Calendar

Inbox

Help

Fall 2019-2020

- Home
- Announcements
- Assignments
- Piazza
- Grades
- Pages
- Files

07. React-Native 1

Due Nov 6, 2019 by 11:59pm **Points** 2 **Submitting** a text entry box or a website url
Available Oct 31, 2019 at 1pm - Nov 16, 2019 at 11:59pm 17 days

This assignment was locked Nov 16, 2019 at 11:59pm.

Homework: React-Native 1 (2 Points Total)

This assignment is meant to introduce you to React-Native, and the use of a basics of using RESTful APIs. Specifically, you will be building a Login/Signup screen, and a User profile screen. We recommend starting this assignment as soon as possible, and not waiting until the deadline!

You can generate your repository [HERE](#) .

Potential Gotchas/Helpful Suggestions:

- Given the nature of using this API and the requirements for getting user data, the code you create in this assignment will be ESSENTIAL for the function of later React-Native assignments and the final deliverable.
- We highly suggest reviewing the rubric and specification below. Information on using the API can be found in your project README.
- A list of approved third-party NPM packages is curated [HERE](#) . If you find a package you would like added, send a message to one of the TA's on Teams or Piazza to request permission. Assignments using unauthorized packages may receive scores of zero.
- Double-check that the code you have submitted builds correctly. One way to do this is to clone the repository in a new folder after committing/pushing your working code, and running `npm install` and then `npm start` in the new repository.

Submission Details:

To submit the assignment, you will need to do two things.

- Make sure that you commit your final version to the personal repository that gets created for you in GitHub classrooms. The last commit you make before the deadline is the one that will be graded.
- In the homework submission, provide the [LINK TO YOUR REPOSITORY](#) in the website field.
- If you want to use a late day, *indicate this in the text field*. Otherwise, the last commit before the deadline in the GitHub repository is the one that will be graded.

Specification:

- Create a "Login" view with username and password input fields (0.75 points)
 - You may want to provide the user with feedback if there is an error, such as "Username/Password Incorrect!"
 - You should be able to switch between Login and Signup pages/modes.
- Create a "Signup" view with username and password fields (0.75 points)
 - You may want to provide the user with feedback if there is an error, such as "Username already taken!" or "Password too short!"
 - You should be able to switch between Login and Signup pages/modes.
- Create a profile view that allows the logged-in user to **view** and **edit** their name and goals (0.25 points)
 - For the time being, this can be the only landing page in the application. We will be expanding the application in later assignments.
- Clean and clear code/interface (0.25 points)
 - Example things we will consider:
 - User feedback is reasonable
 - Design is clear and visually appealing (Note: check the [Approved Packages](#) page for styling components)
 - Code is understandable

| React-Native 1 | | | | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|---------------------------|----------------------------|----------------------------|----------------------------|---------------------|----------|----------|
| Criteria | | Ratings | | | | | | Pts | |
| Login Page Login page exists (0.25), and functions to log users in (0.5) | | 0.75 pts Full Marks | 0.5 pts Partial Credit | | 0.25 pts Partial Credit | | 0.0 pts No Marks | | 0.75 pts |
| Signup Page Signup page exists (0.25), and functions to signup users (0.5) | | 0.75 pts Full Marks | 0.5 pts Partial Credit | | 0.25 pts Partial Credit | | 0.0 pts No Marks | | 0.75 pts |
| Profile Page Profile page is shown on login (0.15), displays profile info and goals (0.05), and allows users to modify them (0.05). | | 0.25 pts Full Marks | 0.2 pts Partial Credit | 0.15 pts Partial Credit | 0.1 pts Partial Credit | 0.05 pts Partial Credit | 0.0 pts No Marks | 0.25 pts | |
| Clean/Clear Code and Interface Consider general usability and code implementation. Interface should be clean, appealing, and abide by the heuristics/principles discussed in class. | | 0.25 pts Full Marks | 0.2 pts Partial Credit | 0.15 pts Partial Credit | 0.1 pts Partial Credit | 0.05 pts Partial Credit | 0.0 pts No Marks | 0.25 pts | |
| Total Points: 2.0 | | | | | | | | | |

Submission

✓ Submitted!

Nov 10, 2019 at 2:32pm (late)

[Submission Details](#)

Grade: 1.45 (2 pts possible)

Graded Anonymously: no

[View Rubric Evaluation](#)

Comments:

No Comments