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08. React-Native 2

Due Nov 15, 2019 by 11:59pm   **Points** 2   **Submitting** a text entry box or a website url
Available Nov 7, 2019 at 1pm - Nov 25, 2019 at 11:59pm 18 days

This assignment was locked Nov 25, 2019 at 11:59pm.

Homework: React-Native 2 (2 Points Total)

This assignment is meant to further your understanding of React-Native, and the use of RESTful APIs. Specifically, you will be building a "Current Day" Landing screen, and an activity view. We recommend starting this assignment as soon as possible, and not waiting until the deadline!

You can generate your empty repository HERE ⧉ . *You should move your code from React Native 1 into this empty repository, and build from there.*

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.
- If you install third-party packages, make sure to run `npm installl -s [package name]`, so as to make sure you update the package.json.
- 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.

1. 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.
2. In the homework submission, provide the **LINK TO YOUR REPOSITORY** in the website field.
3. 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:

- Make the landing page (once the user is signed-in) a Current Day view that reviews their current stats for the day (0.8 points)
  - You will need to aggregate the data from all activities for that day and summarize them to the user.
  - You will similarly display a summary of meal/food information for that day to the user, but the values can be randomly created for this assignment. If you do want to aggregate based on their daily meal/food data, feel free (this will be part of React Native 3).
  - You should be able to switch between Login and Signup pages/modes.
  - Users should be able to compare their personal goals (from their user data) to their daily stats.
- Create an Activities reviewer/editor (0.8 points)
  - Users should be able to add activities, and these should be added to the server. When created, activity start times should be able to be configured as either the current time, or some other time.
  - Users should be able to add, modify, and delete activities.
- Users should be able to sign out of or delete their account. (0.15 points)
- 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 2

Criteria	Ratings					Pts
Current Day Page: Default View on Login/Signup Current Day view is created and is the default view upon login/signup (0.1)	0.1 pts **Full Marks**		0.0 pts **No Marks**			0.1 pts
Current Day Page: Summary of Activities In the Current Day Page, users can see a summary of their current day's activities (0.25). These should be aggregated from their activities for that day on the server, and are updated each time the component is navigated to (0.1).	0.35 pts **Full Marks**	0.25 pts **Partial Credit**	0.1 pts **Partial Credit**	0.0 pts **No Marks**		0.35 pts
Current Day Page: Summary of Nutrition In the Current Day Page, users can see a summary of their current day's nutrition (0.25). These can be randomly generated, or aggregated from their foods for that day on the server, and are updated each time the component is navigated to (0.1).	0.35 pts **Full Marks**	0.25 pts **Partial Credit**	0.1 pts **Partial Credit**	0.0 pts **No Marks**		0.35 pts
Activities: Creating Users should be able to add new activities to their current day (0.1). They should be able to specify all fields of the activities, including date/time (0.2). As a shortcut, users should be able to click something like "Use current time" (0.1).	0.4 pts **Full Marks**	0.3 pts **Partial Credit**	0.2 pts **Partial Credit**	0.1 pts **Partial Credit**	0.0 pts **No Marks**	0.4 pts
Activities: Review, Edit, Delete Users should be able to review all their activities for the current day (0.2), make modifications to activities (0.1), and delete them (0.1).	0.4 pts **Full Marks**	0.4 pts **Partial Credit**	0.2 pts **Partial Credit**	0.1 pts **Partial Credit**	0.0 pts **No Marks**	0.4 pts
Users: Sign out and Delete Users should be able to sign out and delete their accounts from the server.	0.15 pts **Full Marks**		0.0 pts **No Marks**			0.15 pts

Submission

✓ **Submitted!**
Nov 18, 2019 at 11:34pm (late)
Submission Details

Grade: 1.85 (2 pts possible)
Graded Anonymously: no
🗒 View Rubric Evaluation

Comments:
No Comments

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

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