CPSC 349: Front-End Web Engineering – Spring 2020

Homework 5, due 15 April 2020

In this assignment, you will finish the CoffeeRun app and modify the RemoteDataStore module to work with **FIREBASE** as a back end.

Complete the following:

1. If you have not yet completed Chapter 12 (Form Validation), work through that chapter to add form validation.
2. Work through Chapter 13 (Ajax) to connect CoffeeRun to the back-end service at http://coffeerun-v2-rest-api.herokuapp.com/api/coffeeorders.
3. Using Firebase, create a new Firebase app for CoffeeRun, using the data sent to the API hosted on Heroku as a guide.
4. Modify scripts/remotedatastore.js as necessary to use Firebase as CoffeeRun's new back-end. Note the following...

- You may need to change the way that orders are created.
- Any changes you make should not affect the code outside remotedatastore.js.
- As with the Heroku API, access the collections over HTTP.

8. Push the contents of your project to a new GitHub repository using a git client (e.g., the git command-line client, GitHub desktop. Do not submit files using drag-and- drop onto the repository web page, and do not push this assignment to the same repository as your previous homework assignments.

Submission

Turn in the code for this homework by uploading your project to a public repository on GitHub. You may discuss this homework assignment with others, but must complete the work on your own.

To complete your submission, print the following sheet, fill out the spaces below, and submit it to the professor in class by the deadline. Failure to follow the instructions exactly will incur a **10%** penalty on the grade for this assignment.

CPSC 349 Homework Submission 5, due 15 April 2020

Your name: Reeder Loveland

Portfolio: _____rloveland_____.github.io

Verify each of the following items and place a checkmark in the correct column. Each item incorrectly marked will incur a 5% penalty on the grade for this assignment

Finished	Not finished	
☐ X	☐	The CoffeeRun page can be viewed at http://localhost:3000 when browser-sync is running
☐ X	☐	Coffee Order and Email fields are required for submission
☐ X	☐	scripts/remotedatastore.js module has been added
☐ X	☐	**Firebase installed and running and coffeeorders resource created**
☐	x ☐	**Firebase is set up to be the new remotedatasource for coffeeorders**
☐	x ☐	Changes to the checklist are reflected in Firebase
☐	x ☐	Orders stored in Firebase persist after refreshing the page in the browser
☐	x ☐	No error messages appear in the browser's DevTools console
☐ x	☐	Project directory pushed to new GitHub repository listed above

Comments:

Fill out and print this page, and submit it on the day this project is due.