UReview Write Up

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**Project Link:** http://web.uvic.ca/~juliasinclair/Project/login.html
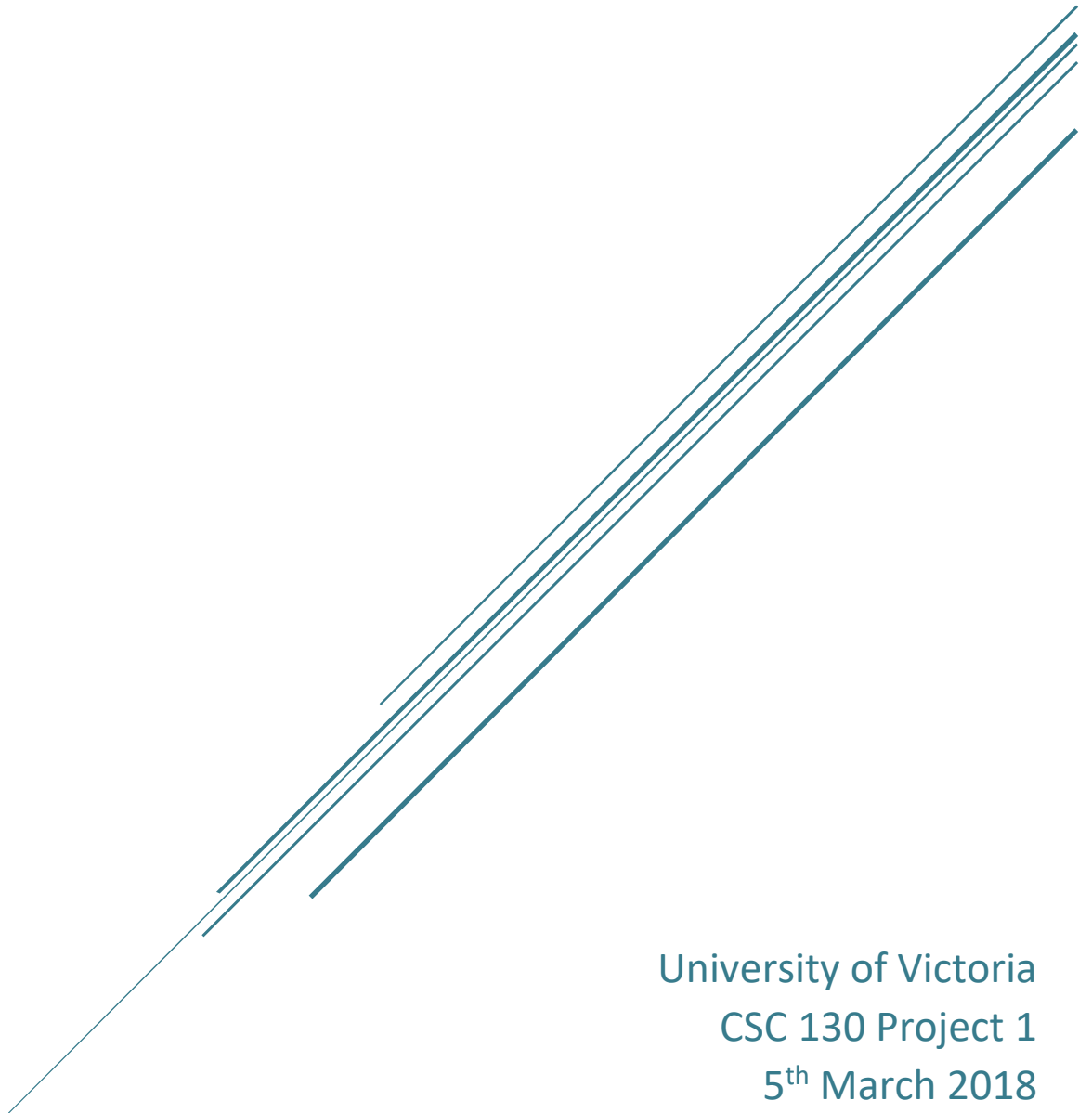
Problem and Specification

UReview is an app dedicated to ensuring the quality of university meals across Canada, by allowing students to rate the meals of their residence's cafeteria and share it with their fellow scholars. With UReview you can view what your peers have rated the meals for today, and avoid brick-like waffles, desert dry salmon and baseball tough steak. By creating an app that makes it possible for all students to connect with each other and evaluate the food using a star rating system, people can get the best out of their cafeteria experience and the university is held responsible for the quality of their food. The app also allows the university chefs and meal coordinators to see how the students are enjoying the food, what their favorite meals are and find out where they can improve. Other apps that attempt to solve this problem would be apps such as Yelp, Urbanspoon, Eat24 and all other food review apps. The problem with these apps though is that they do not allow you to rate food served on university campuses. UReview allows you to do just that and have an individualised app experience for our specific university.

**Design with Story Board**

Login

Sign Up
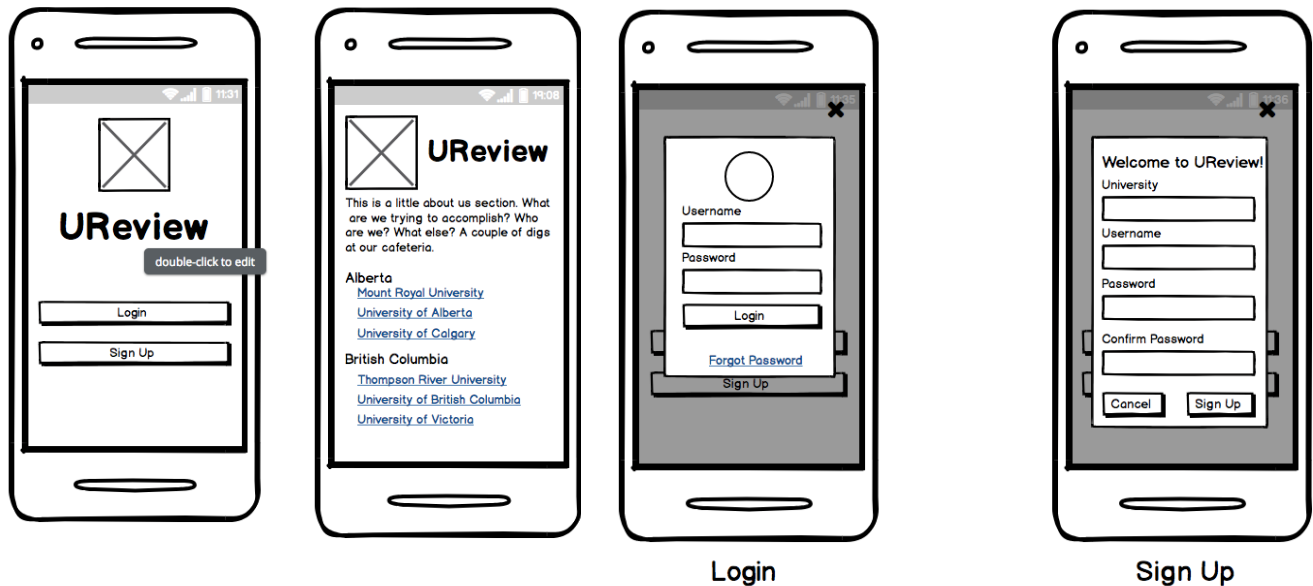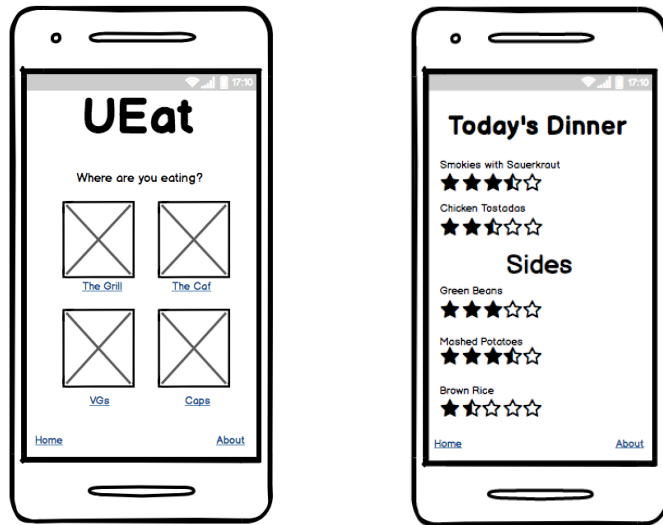
The input and output for our app is mainly the star rating system. The input being the ratings that the users give the food using the rating system and the output is the averaging out of the stars that is produced. The processing involved is done by a rating API. When it is set up the input will also be login information given by the user.
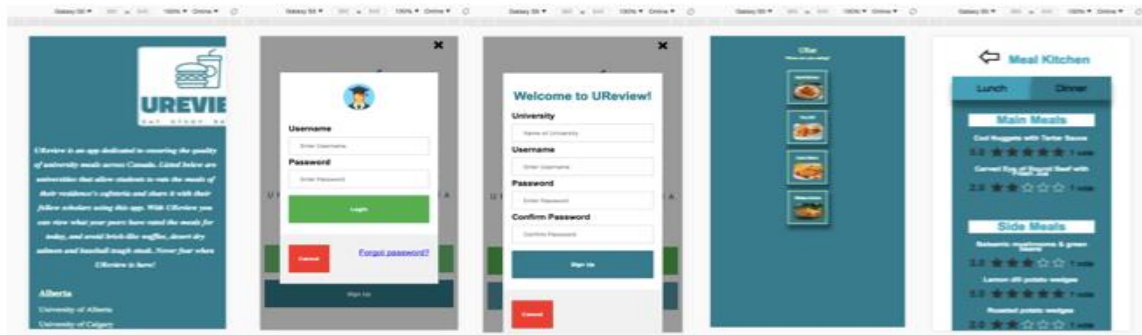
Implementation

Please find our individual implementations of the project at our Gitlab repository; https://gitlab.csc.uvic.ca/ceilidhmtorrance/Project1/tree/master. The three folders labelled with our names hold the files of our individual implementation, and the folder 'Final Project' is our final project.
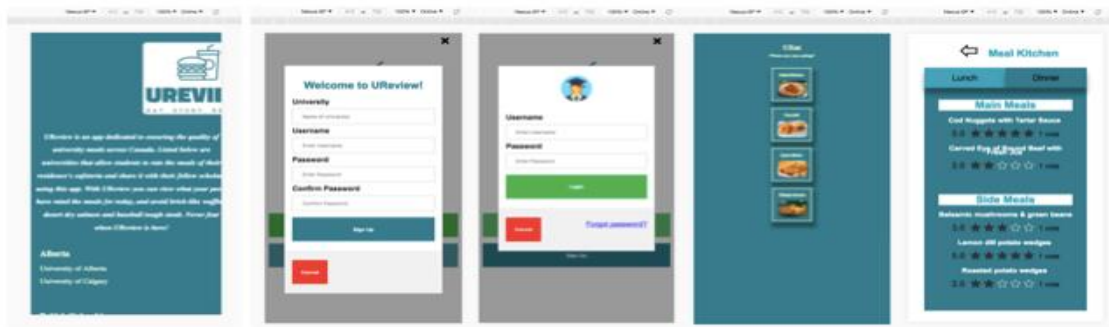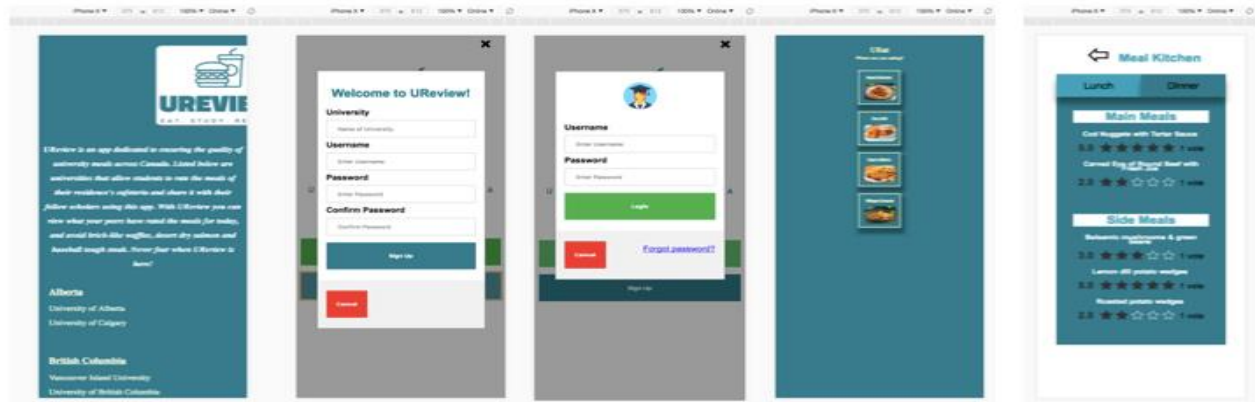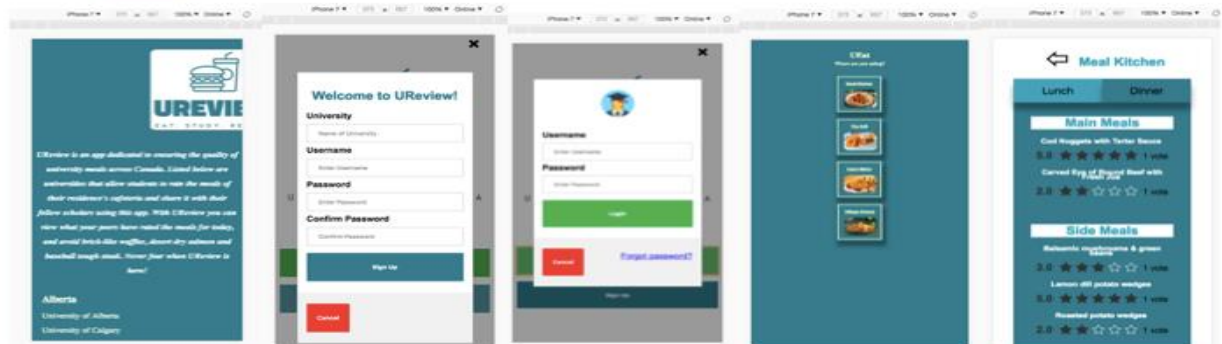
Testing
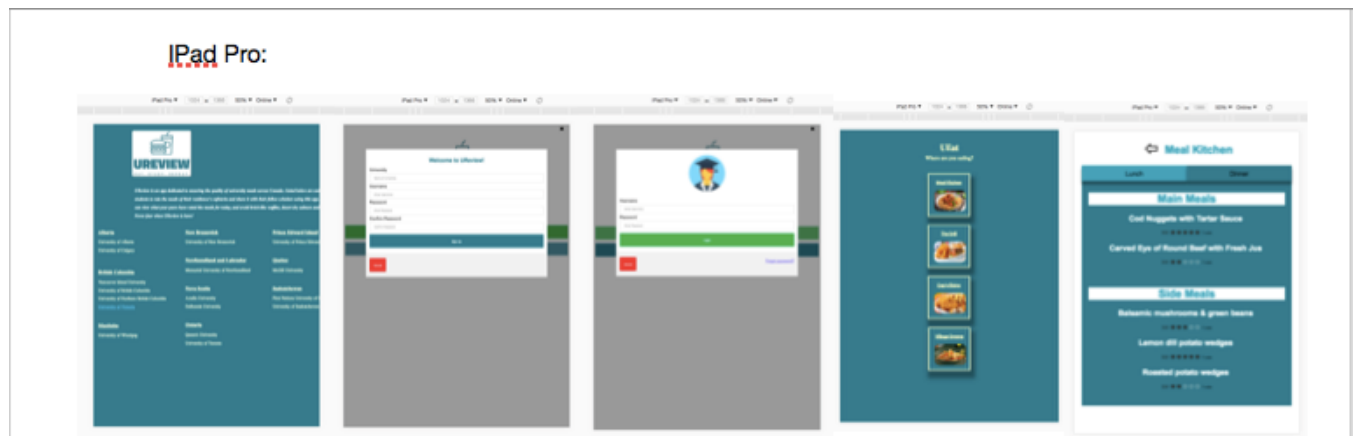
Galaxy S5:

Nexus 6P:

iPhone X:

IPhone 7:

Documentation

For UReview to be a fully functioning app, we still need to create a login database that saves our users information, find a way for our app to update the food choices daily without having to do it manually, and expand our website to other universities. We also need to improve our star rating system, so that it resets for each new day. To advance the usability for our app we still need to implement a user rating score card for each meal item, allow users to add comments and upload photos of the food on the app and create a personalized section of the app that alerts students when their favourite meals our available.

The biggest challenge that still remains for our app is creating a backend for our app. A backend would be the solution to creating a login database, having a personalized section of the app and storing information for reuse. The challenge with creating a backend for our app is that none of our group members know how to go about creating and implementing a backend.

UReview could be extended to work in different domains by generalizing the app and allowing students to rate other things around campus beside food, such as classes, professors and clubs. Therefore, this app could be used to improve the life of students by giving students the opportunity to have their say around things on campus, food or otherwise. On that note, UReview could be generalized so that it could used in any community, school, work or neighbourhoods, to allow people to share their opinions about the things happening around them. All we would have to do to make this possible, is to change the html of the page to replace the food choices with other options.