

DineTexas

Group 10

DineTexas

Group Members:

- Hyun Joong Kim
- John Madden
- Matt Davidson

DineTexas

Application Description:

- The goal of this application is to solve a few problems the student body at The University of Texas have.
- One problem is there isn't an aggregation of all the restaurants, dining spaces, coffee shops, and food trucks on and around campus.
- The second is there isn't a good rating system of those restaurants, only students will be allowed to rate using DineTexas.

DineTexas

Application Description:

- Since students are often pressed for time, DineTexas will have a community driven “wait timer/line count”.
- Students often go to restaurants/coffee shops to study but do not know of conveniences such as power outlets or whether there is wifi. DineTexas presents this data so students know beforehand.
- DineTexas has an upload feature for restaurant/coffee shop menus. This will allow for students to add to the existing database of locations close to campus.

DineTexas

Target Audience:

Students at The University of Texas at Austin

- Students are always in a rush to make it to their next class/event, this app fixes the problem of showing up to a restaurant with a long line
- Students will be interested in using this app for reliable ratings from their peers, as opposed to generic ratings from anyone.
- This app conveniently centralizes information on whether a place of interest has utilities such as outlets/wifi to denote if it is a good study spot

DineTexas

Application Functionality:

- Signup function based on Firebase
- Allows users to see places for coffee/food around campus effectively
- Allows users to search/set radius for specific places
- Allows users to change interface according to taste (annotations in the map)
- Allows users to add locations (after admin confirmation)
- Shows users the information on the locations (rating, menu, price etc)
- Allows users to set how long the line is.

DineTexas

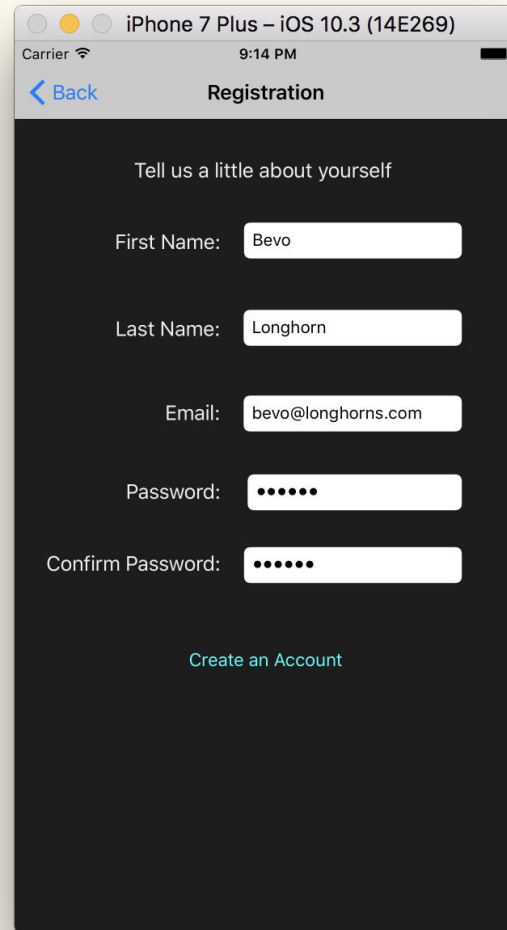
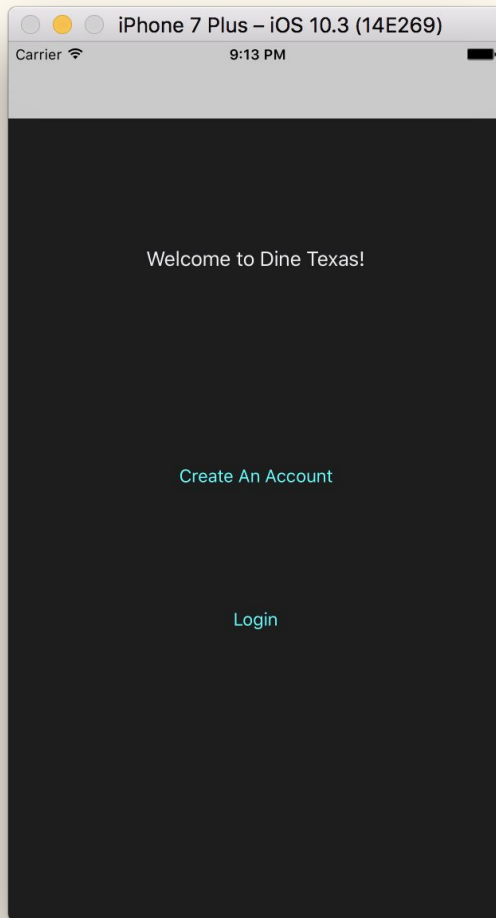
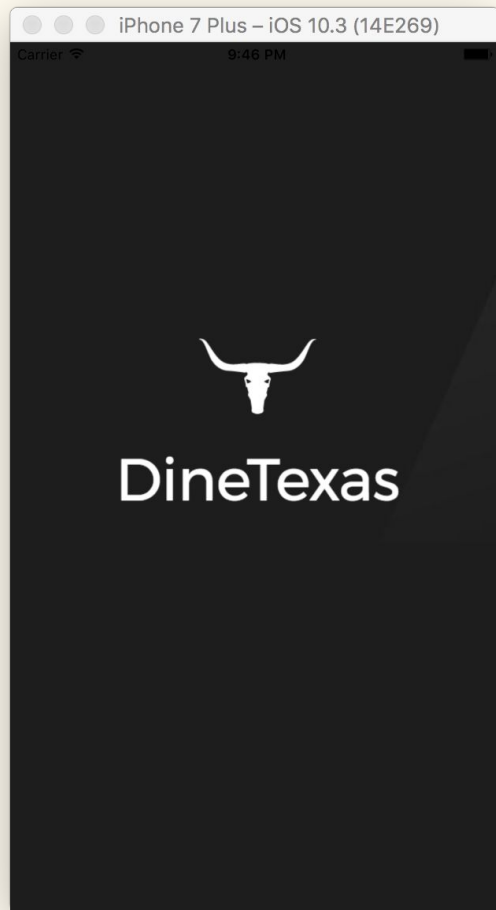
Application Challenges Experienced:

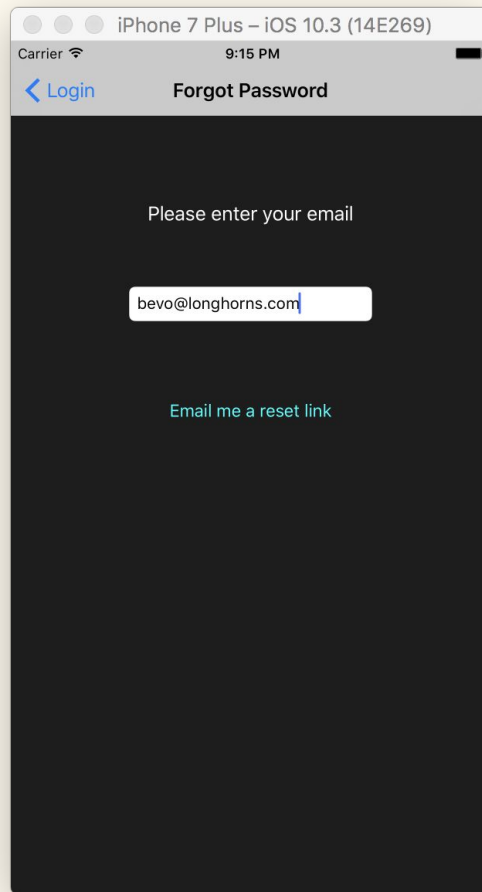
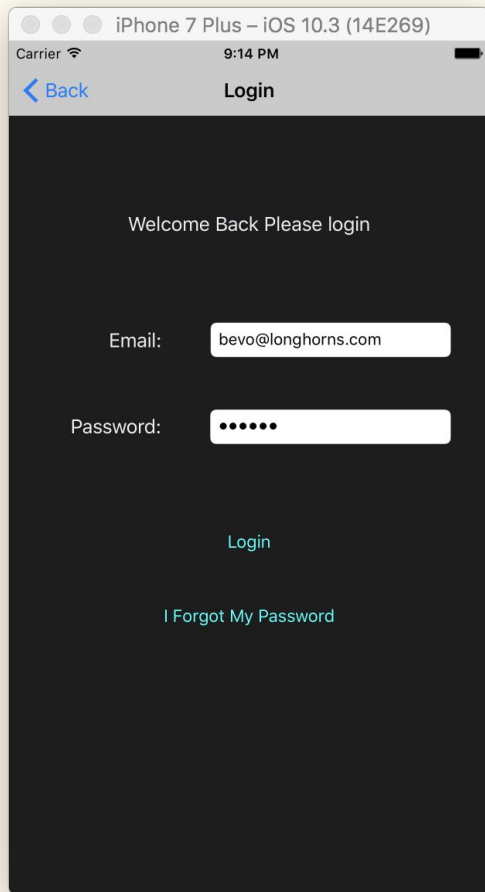
- Getting data from firebase to use across the app
- Designing user interface for interactions with the server, such as adding a location
- Building new tools, such as custom pins in the map view, which required additional learning and reimplementation of code
- Keeping the data persistent across sessions

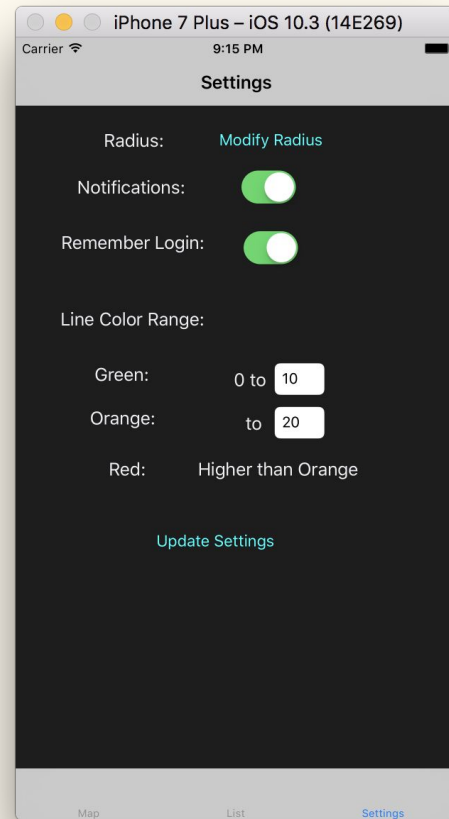
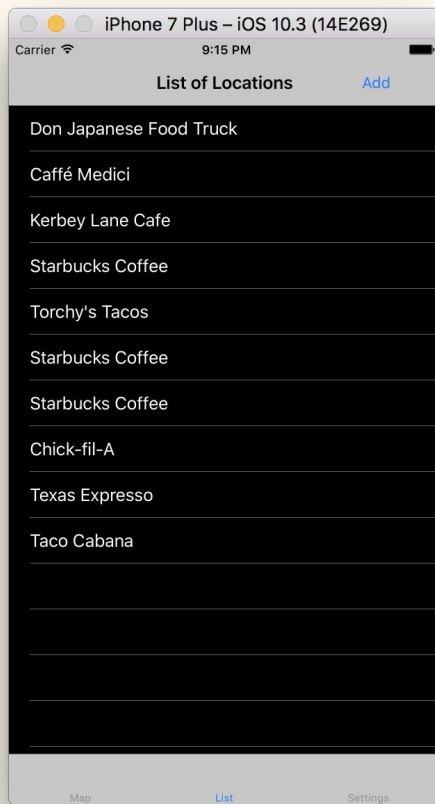
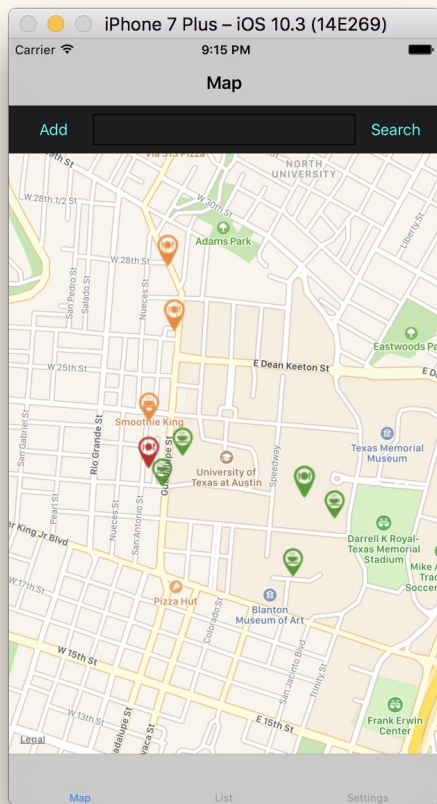
DineTexas

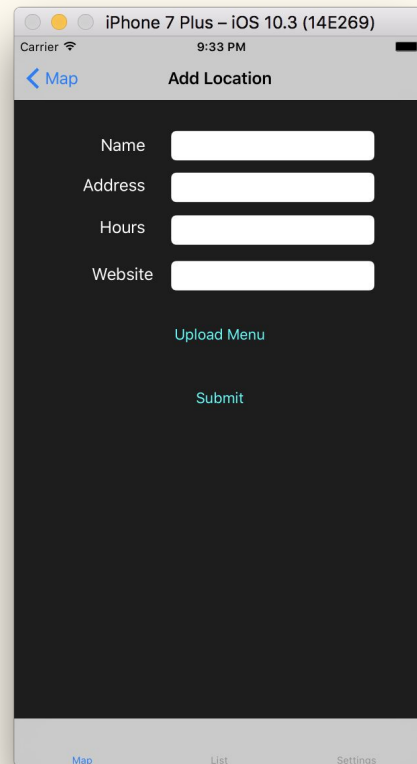
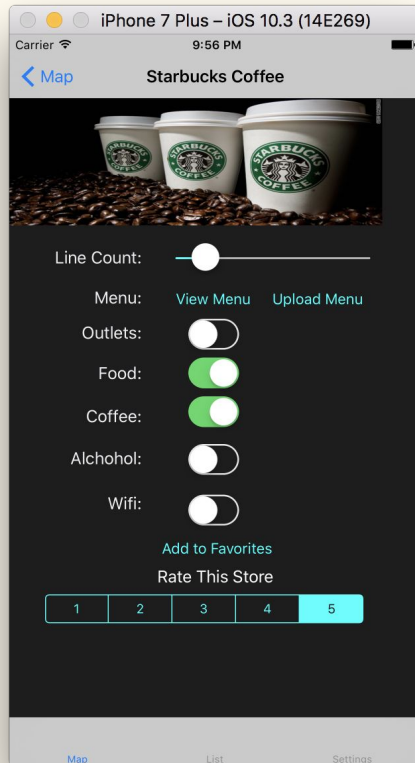
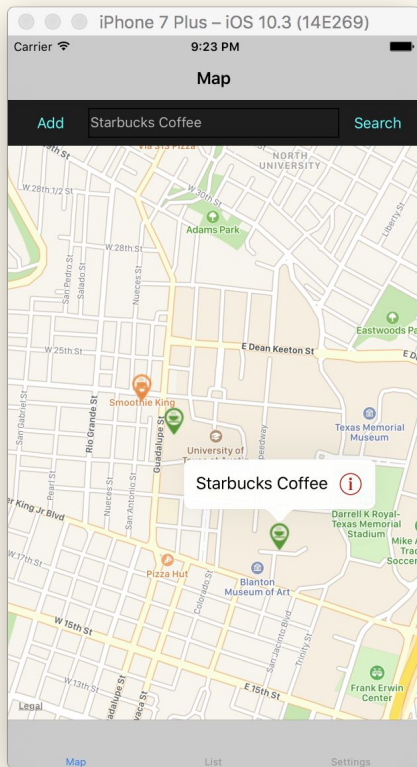
Group Member Contributions:

- Henry Kim
 - Firebase setup and connection to the App
 - Registration feature
 - Firebase Database setup
- John Madden
 - Finished the login features, which uses the firebase and default login
 - Worked on pins for the locations on the server, and added to the default list of coffee shops and restaurants to the database.
 - Implemented tableview to show this list of locations helped with favorites
- Matt Davidson
 - Worked on MapView - Created colored pins based on the type of location and line count
 - Defined general color base
 - Implemented pin color settings









DineTexas

Demo!

DineTexas

Questions & Answers