Project 14 Design Document

Restaurant App

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Project Title

Personal Restaurant Guide

Group Members

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Project Description

Exploring the city can often lead to unexpected finds, like an amazing restaurant you or your friends have never heard of. However, keeping track of them, especially after a few (or many) drinks during your night out can be challenging. Our app will allow users to solve this issue, by inputting and saving details about the restaurant they've visited in an easy to read, formatted way. Users will be able to rate and (ideally) share these restaurants to their social media such as Twitter.

The home page will list all the restaurants the user has inputted, and there will be a button constantly visible for them to add a new restaurant.

Upon adding a restaurant, the user will be prompted to enter information such as:
- Name of the restaurant
- Address of the restaurant
    - App will ideally have auto formatting
- Phone number of the restaurant
- Description of the restaurant (e.g., review or note)
- Tags (i.e., vegetarian, halal, healthy, fast food, etc.)

Additionally, the app will allow users to rate the restaurant on a scale of 1-5 stars. Other features include a gps system using the google api. Users will be able to get directions from their current location to the destination restaurant. If the user chooses to do so, they will be able to share the restaurant with another person using email.

The application will include a search functionality based on names and tags of the restaurant which will then return a list of restaurants.

Users should be able to select a restaurant and be presented with the details of the chosen location (in another screen).

Lastly, the application will have an "About" screen with the details of all team members and a splash screen with the application logo.
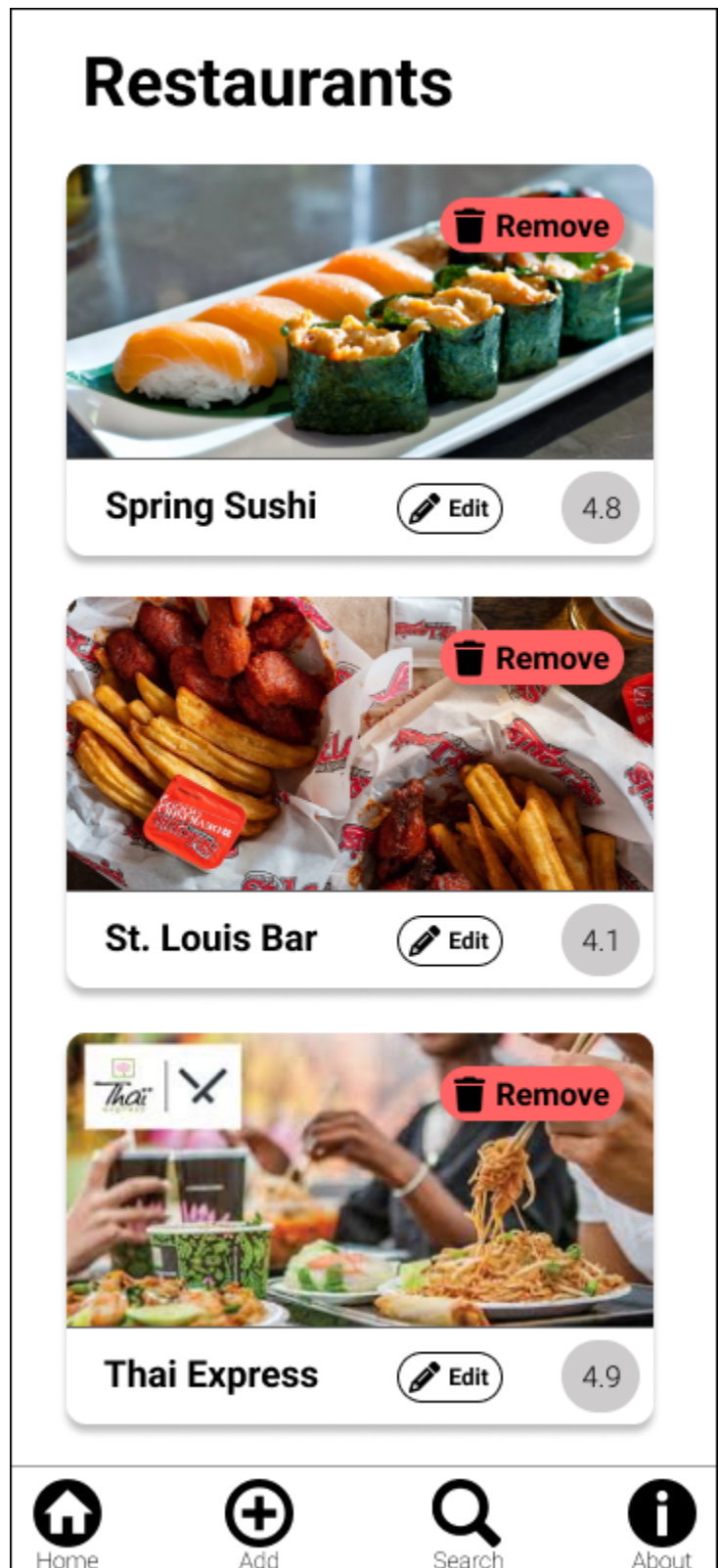
Wireframes

Home page

Opening the app, users will be greeted with the home page that consists of their current list of restaurants sorted by most recent at the top.

There will be a **Navigation Bar (Tabs)** at the bottom of the screen throughout every page for consistency and ease of navigation. This will consist of 4 buttons:

1. Home
2. Add
3. Search
4. About

Search page

The search page will have a search text input field at the top where users can search by name or tags.

If there is no search input, then the screen will only show the search bar.

Upon successful search, the top results will show up as cards stacked on top of eachother.

In this example, the user searched "Burgers" and received results related to their search. This includes tags and by name.
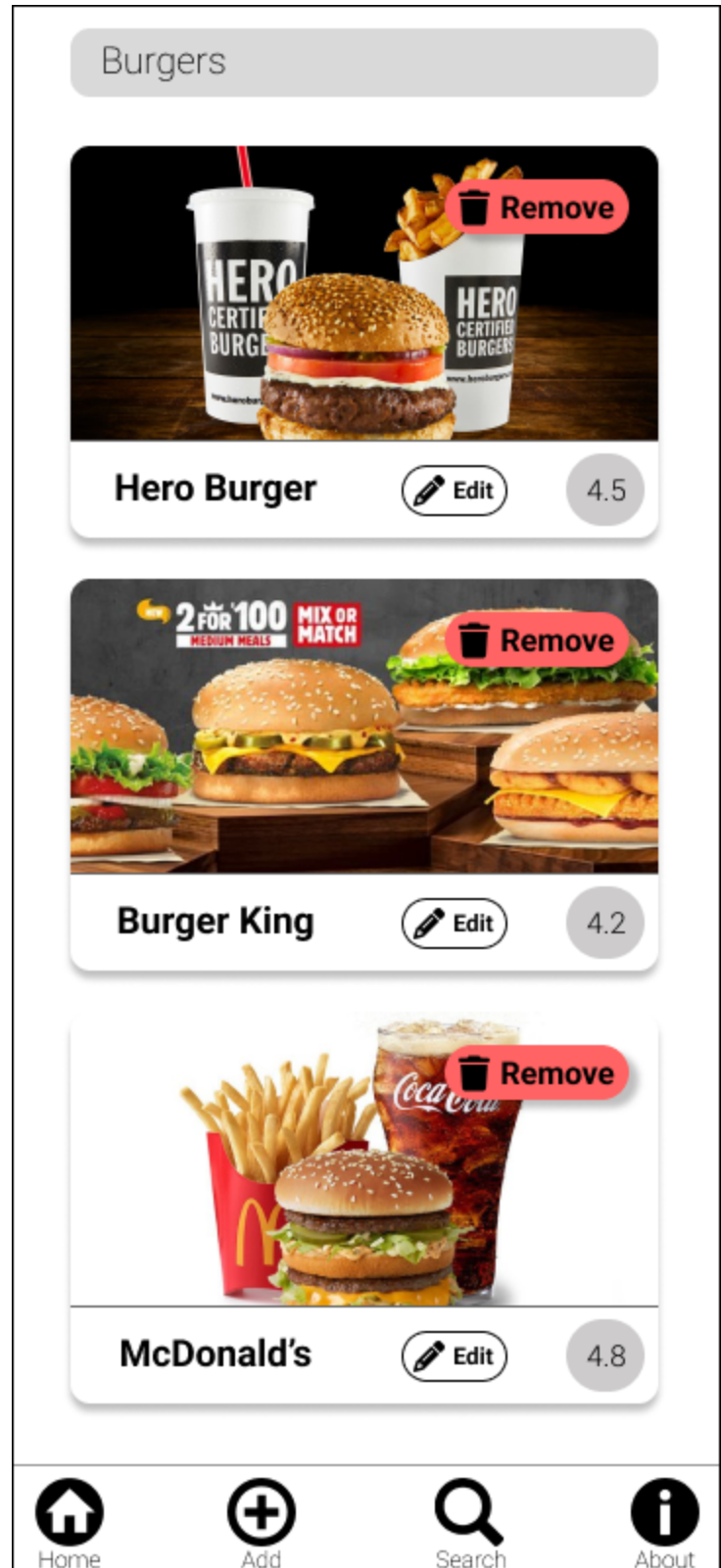
About page

This page will be accessible from the bottom navigation bar. It is a simple static page that displays relevant information about the team members and course.

Project 14, or Group 14, consists of two developers.

1. Humaiyun Uddin (101309829)
2. Shakil Miah (101308549)

The course is COMP 3074 - Mobile App Development I.
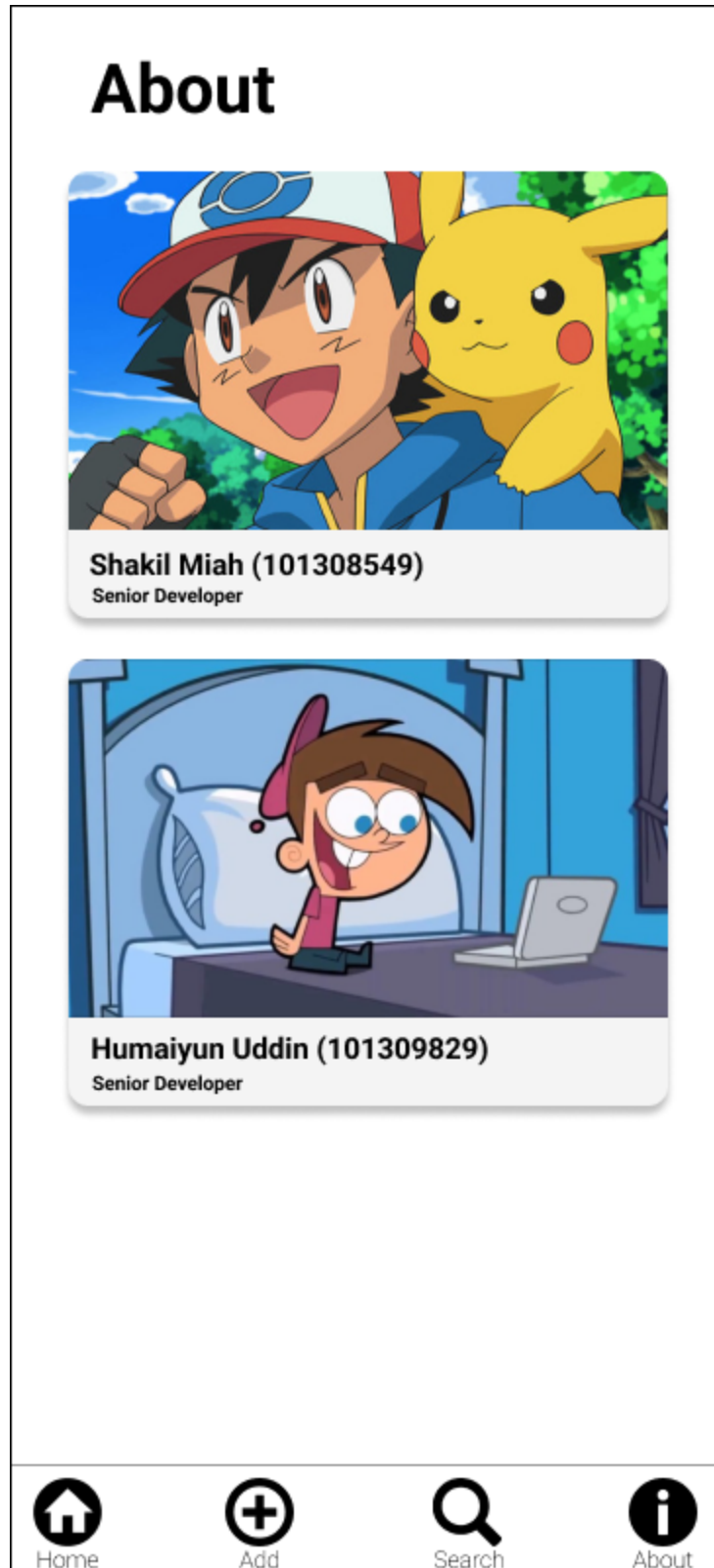
Details page

This page will be accessible when the user clicks on a card.

It will contain all the relevant information about the restaurant the user inputted.

Additionally, it will contain buttons that allow users to call the restaurant, receive directions, and share this on social media.

Add page

This page is what the user will see when they want to add a new restaurant entry to their list.

All the information is required and an image will ideally be optional. If no image is submitted, the card will either appear grayed out, or we will append a placeholder image in place.

Upon submitting, the user will be redirected to the home page, or will be greeted with a success alert notifying them of the successful command.

Cancel button will reset the text fields to empty strings to ensure every info is removed.

Add

Restaurant Name

Address

Phone Number

Rating

Description

Upload Image

Submit   Cancel

Home   Add   Search   About

Edit page

This page is what users will see when they want to edit a previously added restaurant. In this wireframe, the user is editing their Mcdonalds Listing.

This page can be reached from the home page after clicking the edit button on their list, as the home page is where all added restaurants are displayed.

The upload image button allows the user to add an image to their page that they feel best displays the listing.

Pressing submit will return them to the home page where they will see the updated listing while pressing cancel will do the same, without the edits.

Edit

Restaurant Name

McDonald's

Address

345 Bloor St E, Toronto, ON M4...

Phone Number

416 967 1081

Rating

4.8

Description

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent porta vehicula ante ac ...

Upload Image

Submit   Cancel

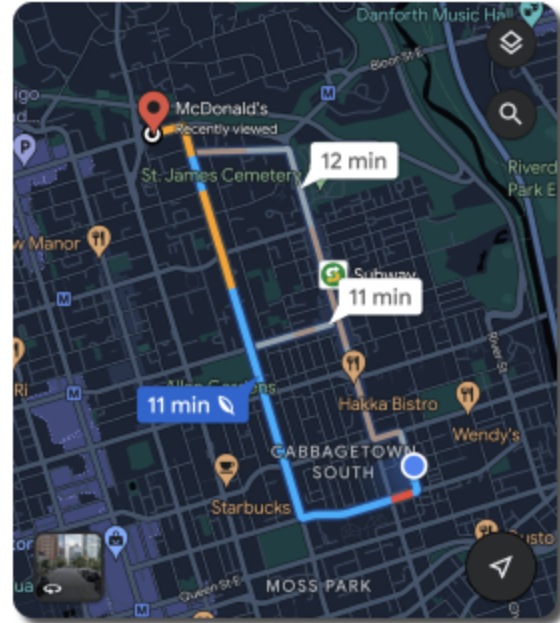Home   Add   Search   About

Directions page

This page will be triggered when the user clicks the directions button in the details page of the restaurant.
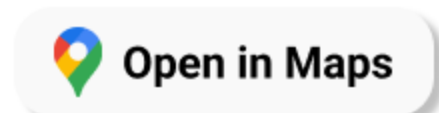
Users will be greeted by the directions from their location to the restaurant's location via Google Maps API.

Additionally, an "Open in Maps" button will allow the user to open the address into Google Maps, allowing for more precision in directions.