How to Use this Template
1. Make a copy [File → Make a copy...]
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Submission Instructions
1. After you've completed all the sections, download this document as a PDF [File → Download as PDF]
2. Create a new GitHub repo for the capstone. Name it "**Capstone Project**"
3. Add this document to your repo. Make sure it's named "**Capstone_Stage1.pdf**"

GitHub Username: Your GitHub username here

Tummy Truck

Description

Write a brief summary of what your app does. What problem does your app solve?

Tummy Truck is an exciting food truck finder app that help you find decent places to grab some food either while on the go or just want to try some new food out , Very hungry? Need to grab some before that 1pm meeting ? But where?!!!

Tummy Truck is a geo-app that helps you finding the nearest food solutions around.

It allows you to discover hidden gems of food truck services, share the food services that you find, and your review for them with people.

KEY FEATURES

-        Serve Pizza, Hotdogs, Hamburgers and Chinese Food all day long!

-        40 levels of food-serving fun

-        15 equipment upgrades

-        7 types of interior decor

-        25 achievements to unlock

-        Endless line of hungry customers

Intended User

Travelers, people who goes out for lunch break, anybody who is hungry.

Features

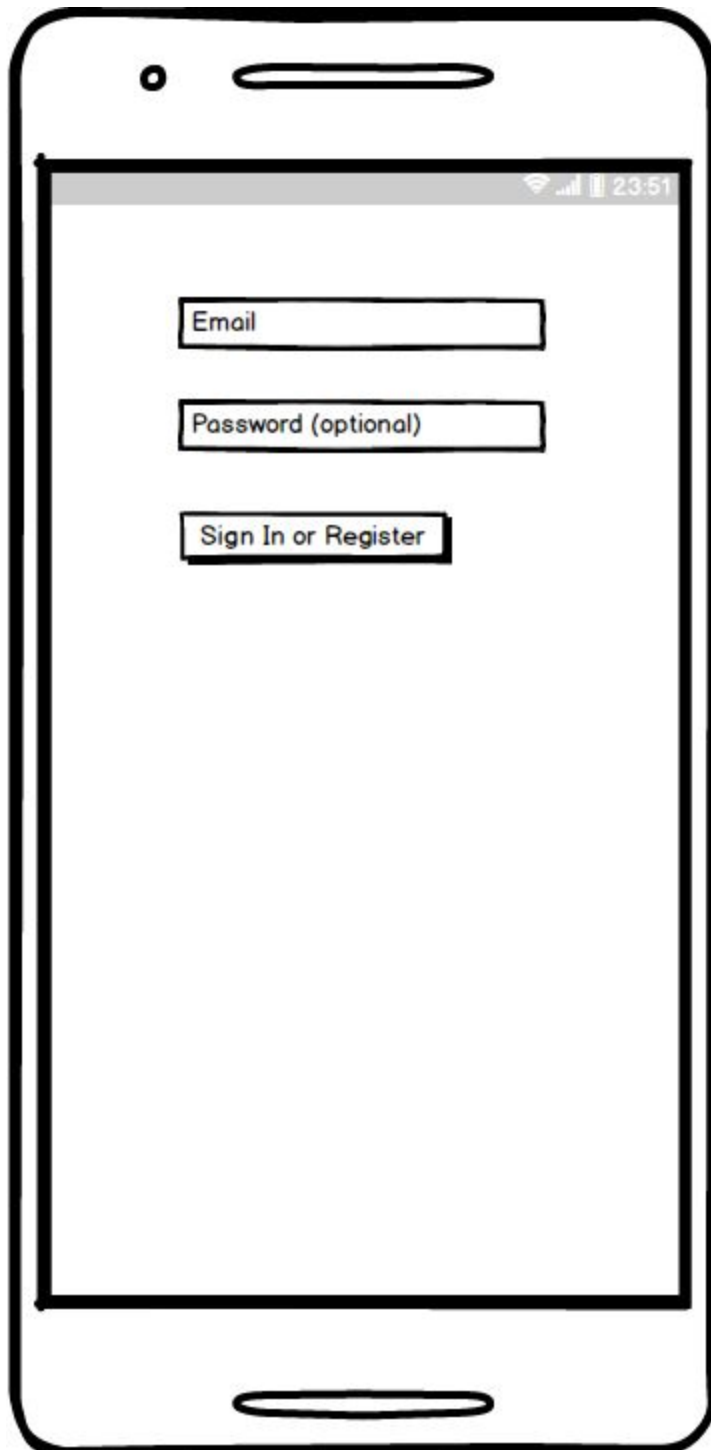List the main features of your app. For example:
- User registration

- User Login
- Adding food services to a database
- Adding reviews of food truck and food services
- Display food services on a map
- Displays reviews of food services

User Interface Mocks

These can be created by hand (take a photo of your drawings and insert them in this flow), or using a program like Photoshop or Balsamiq.
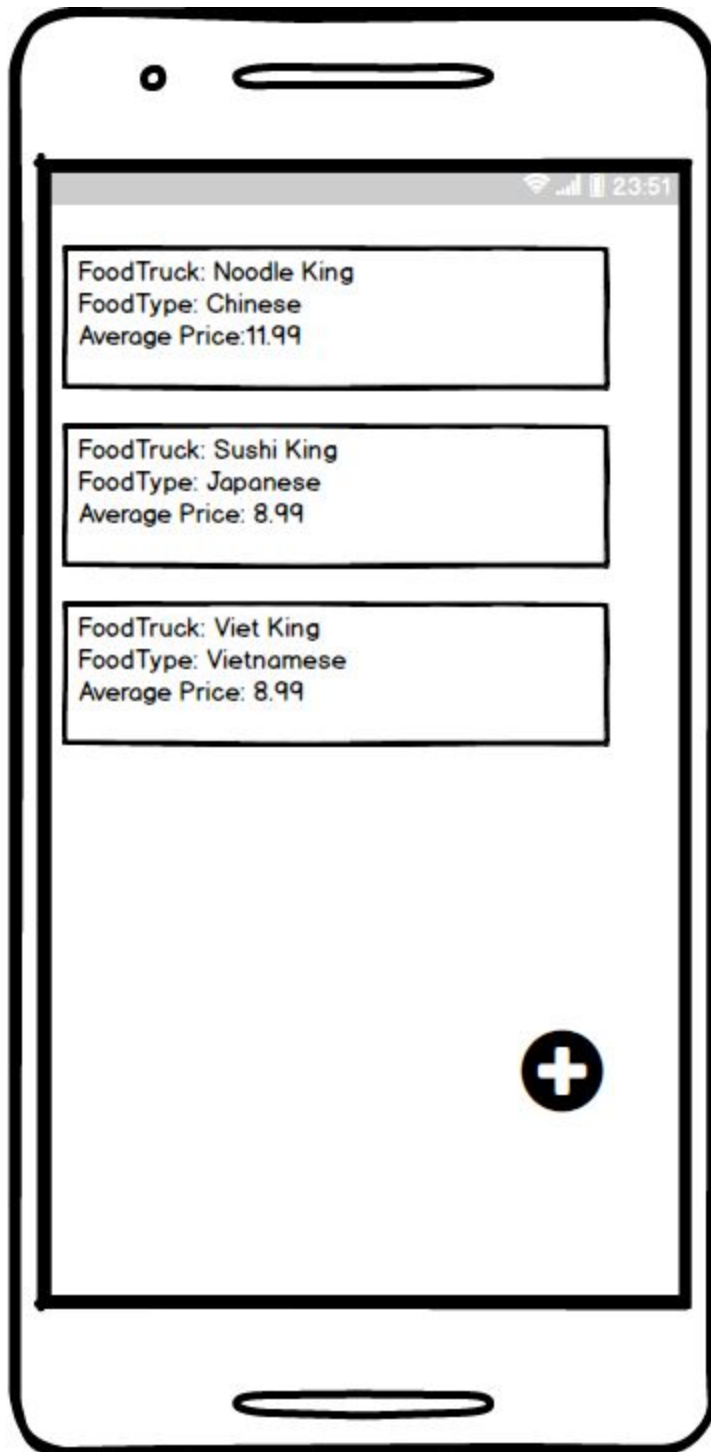
Screen 1

Screen 2

FoodTruck: Noodle King
FoodType: Chinese
Average Price:11.99

FoodTruck: Sushi King
FoodType: Japanese
Average Price: 8.99

FoodTruck: Viet King
FoodType: Vietnamese
Average Price: 8.99

Replace the above image with your own mock [click on the above image, then navigate to Insert → Image…]
Provide descriptive text for each screen

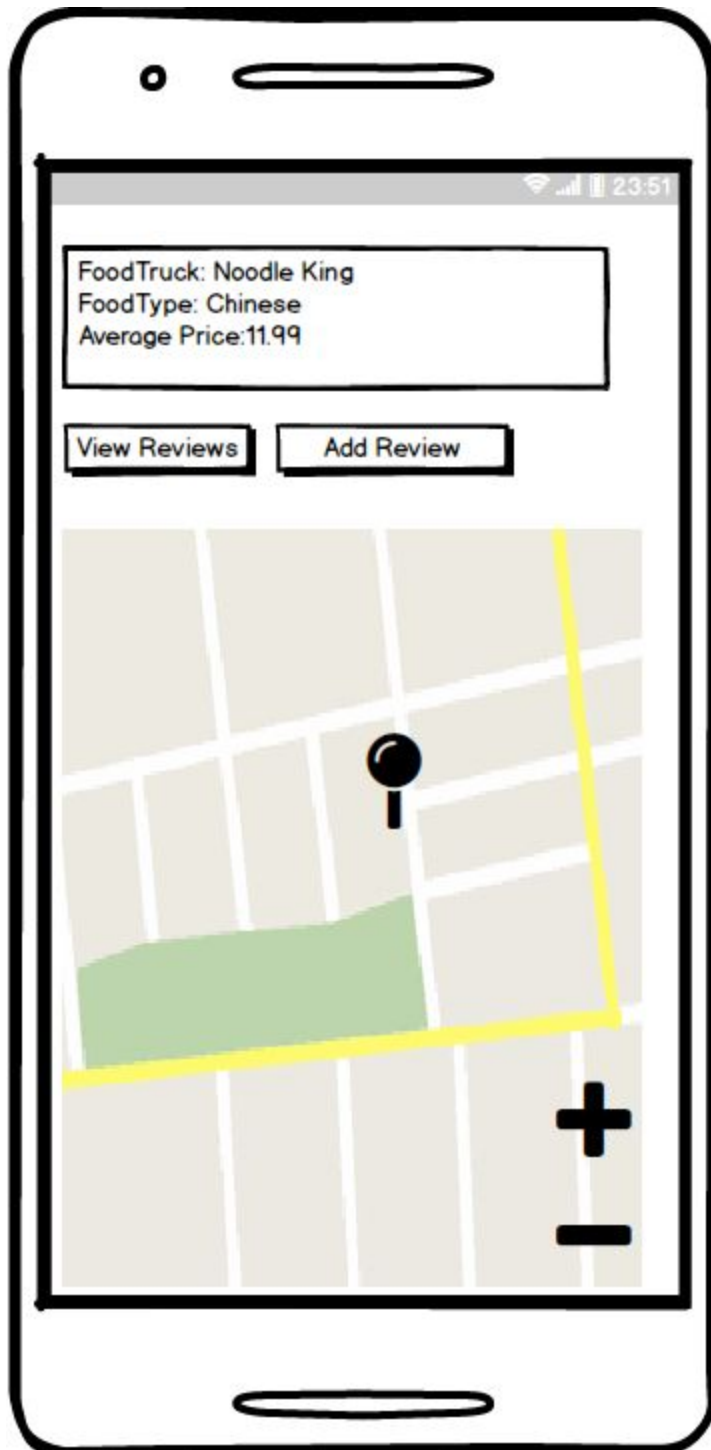## Screen 3

Screen 4

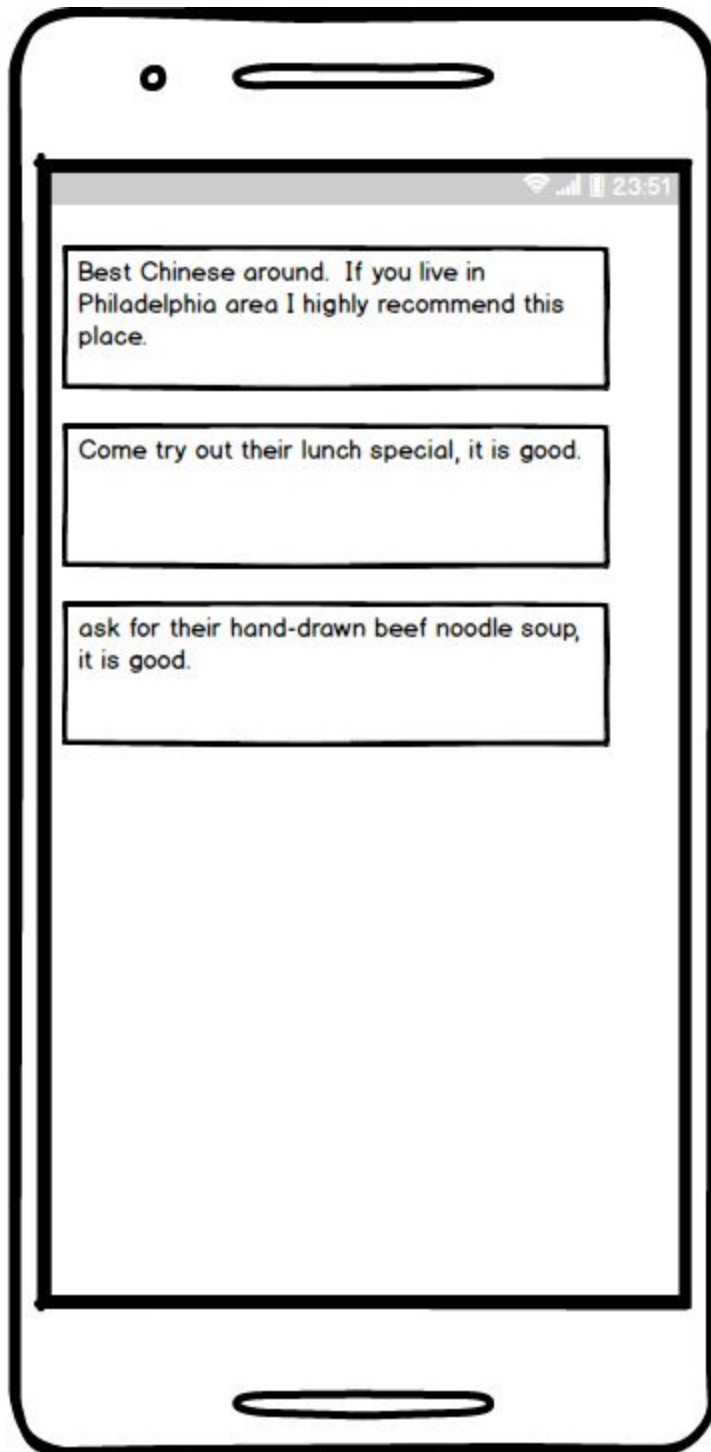Best Chinese around. If you live in Philadelphia area I highly recommend this place.

Come try out their lunch special, it is good.

ask for their hand-drawn beef noodle soup, it is good.

Add as many screens as you need to portray your app's UI flow.

Key Considerations

How will your app handle data persistence?

Describe how your app with handle data. (For example, will you build a Content Provider or connect to an existing one?)

I will build a simple restful backend of my own. I will use this backend to talk to a mongodb database for user information, food truck information, etc.

Describe any corner cases in the UX.

N/A

Describe any libraries you'll be using and share your reasoning for including them.

For example, Picasso or Glide to handle the loading and caching of images.

Describe how you will implement Google Play Services.

I will use the google maps API from the google developer console. I will follow the example given here by the offical google play documents as described here.
https://developers.google.com/maps/documentation/android-api/start
And place the onMapReady activity in my activity class.

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

Write out the steps you will take to setup and/or configure this project. See previous implementation guides for an example.
1. Write backend restful api for the application

- Add food truck
- Get user authentication token
- Check if user is logged in
- Add reviews of food truck
- Register for new user
- Login for user

Task 2: Write activities for the application

- Add activity for adding truck
- Add activity for adding truck
- Add activity for food truck detail
- Add activity for display food truck listing
- Add activity for login
- Add activity for Review

Task 3: Write android application code to communicate with backend restful api

- Create authentication service to talk with restful food truck api
- Create data service to talk with backend api to retrieve data
- Check if user is logged in
- Add reviews of food truck
- Register for new user
- Login for user

Task 4: Implement UI for Each Activity and Fragment

- Create ui layout for listing food services/trucks
- Create ui layout for user login form
- Create ui layout for the form to add a new food services/truck
- Create ui layout for displaying the details and the map of a food service/truck
- Create ui layout for displaying the reviews list of each food services/truck

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