Phase 1 Report
Munch
Lavender Canvas Group

Github Information
App Repo: https://github.com/MunchApp/munch-app
Documents: https://github.com/MunchApp/documents
Server: https://github.com/MunchApp/munchserver

Team Information

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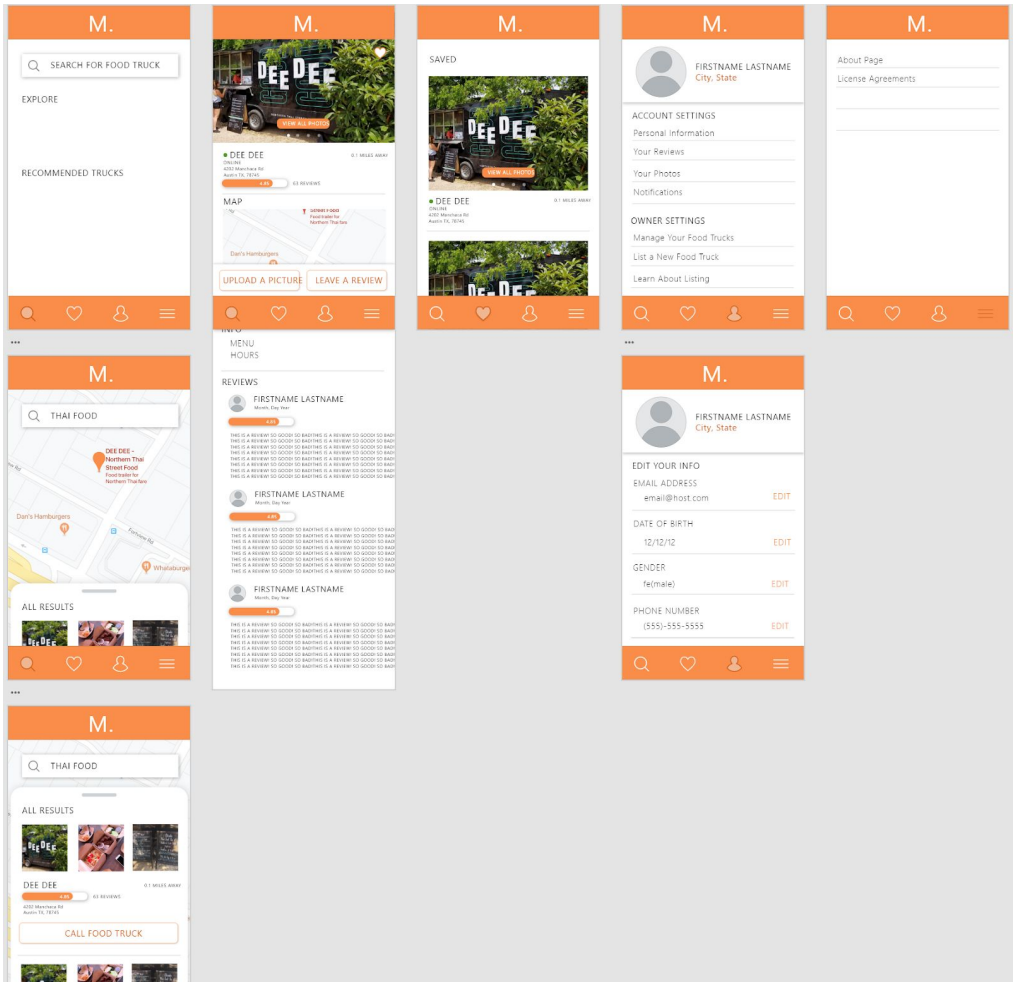
Project lead for this phase: Kenny Tang

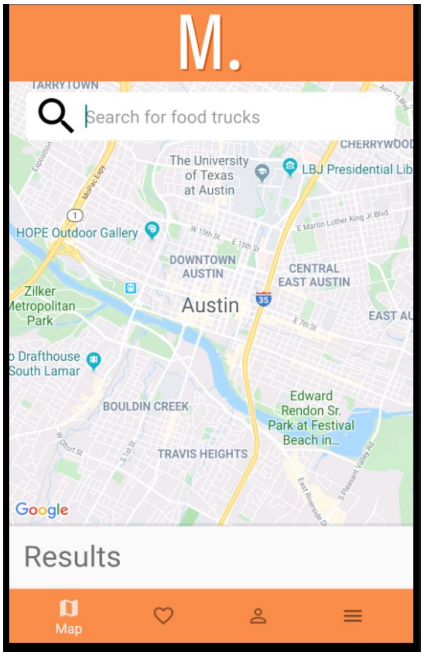
Description of tasks completed for this phase, and the screens, features and functionality produced in this phase:

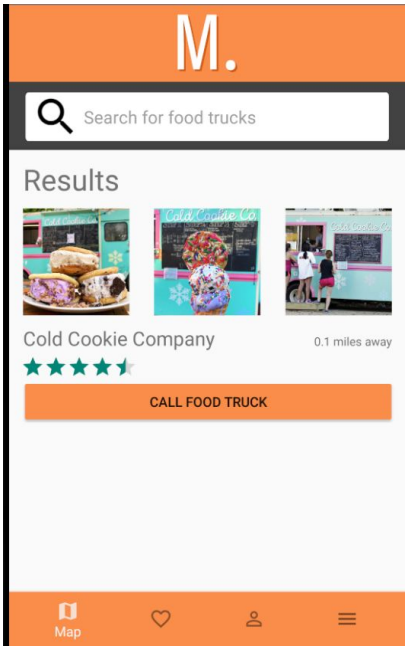
- Integrated Github Repo onto the Slack
- Created Mockups in Adobe XD for all major pages.



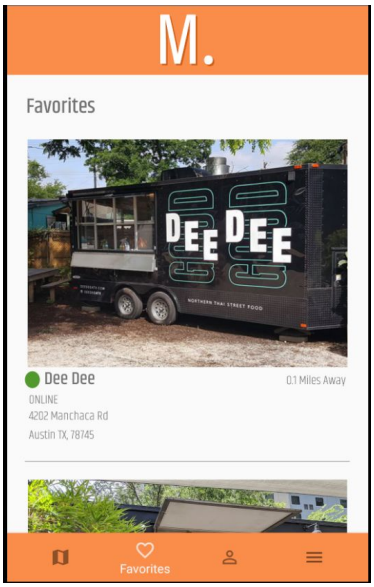
- XD files can be found in our documents repo: https://github.com/MunchApp/documents

- Created static UI pages for main pages: Map, Favorites, User Profile, and About Page.
  - Map Page has a working map fragment and pull up results list.

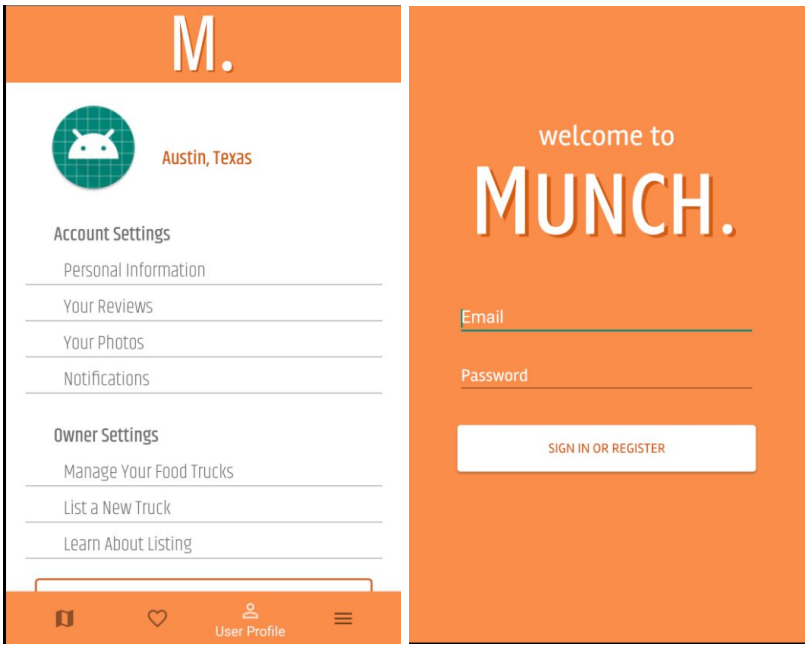




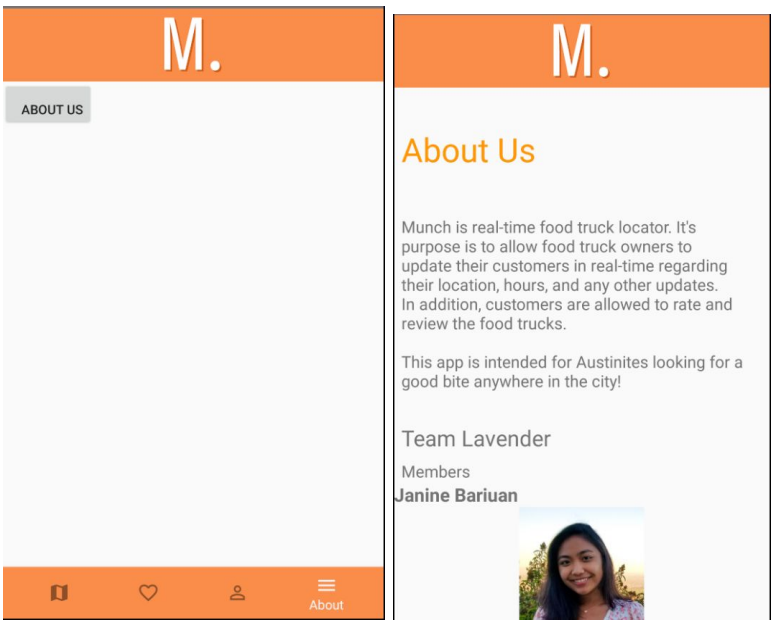
- Favorites: Favorites page is successfully formatted to show listings of food trucks and their relevant information. Once the app is populated, it will be able to show more cases of food trucks.

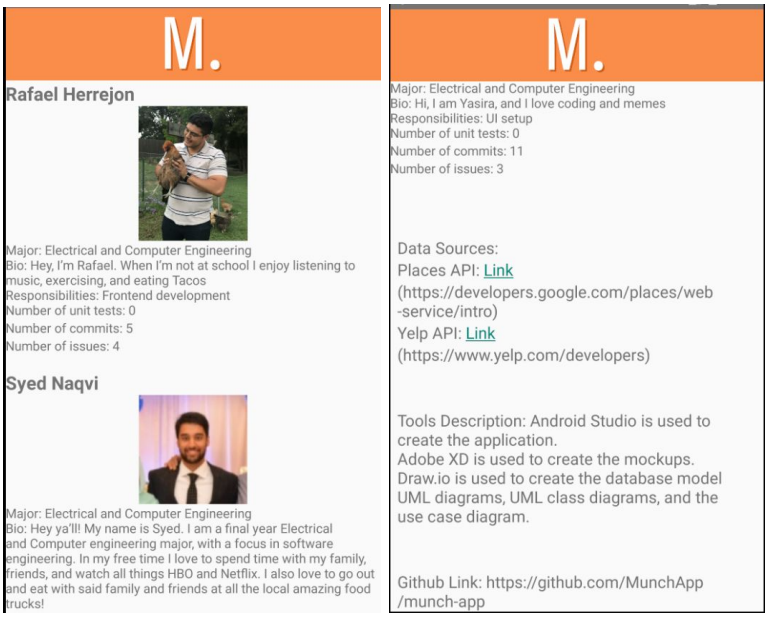


- User Profile has a working button that leads to login/register page. Once a user fills out all his/her information, that information will populate the personal information section.



- About Page: The about page contains all of our information requested, such as our overall project information (tools, data, github link, and purpose), and a profile for each team member. The Github statistics are dynamically pulled.
  - NOTE: For the data sources, we have not scraped any information yet, therefore only a link is provided.

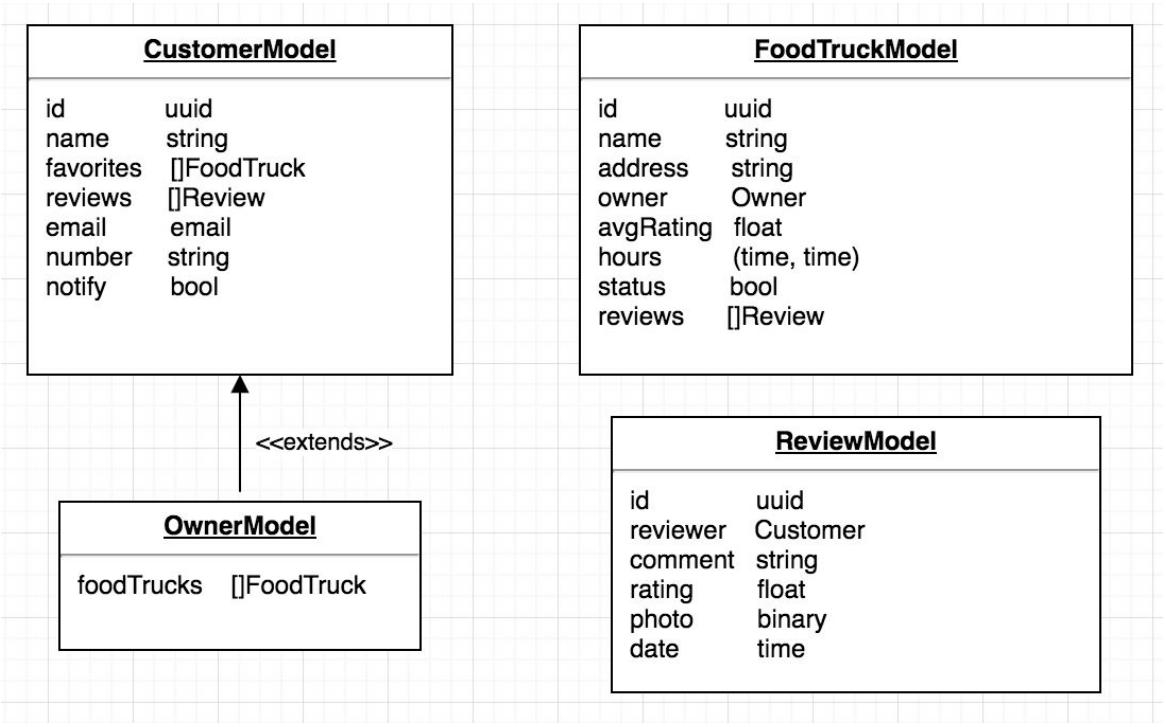




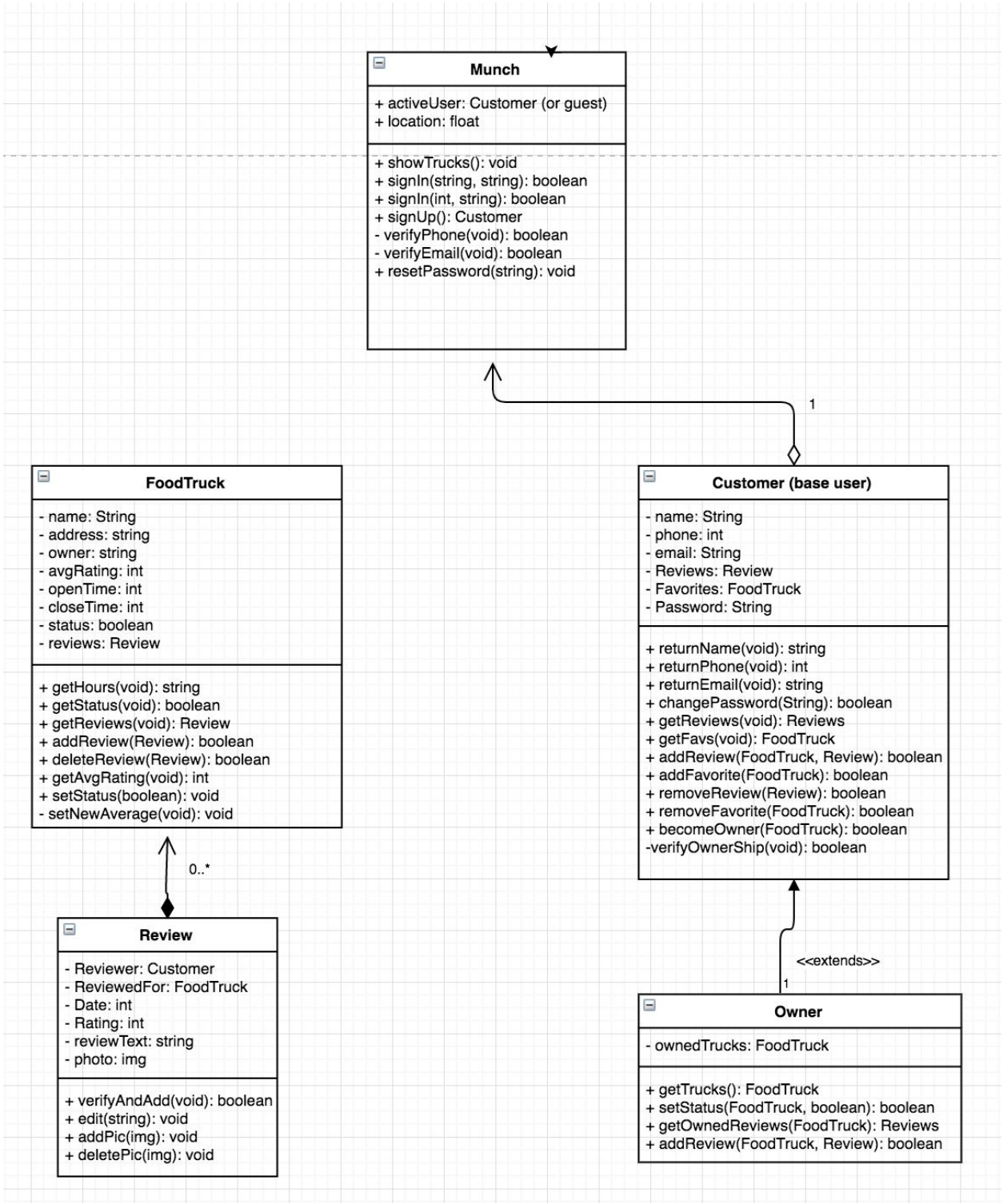
- Created basic GET routes in the backend: Get all users, reviews, and food trucks
    - Repo found here: https://github.com/MunchApp/munchserver/tree/master/routes
- Database models implemented using MongoDB and Go
    - Repo found here: https://github.com/MunchApp/munchserver/tree/master/models

Design

Object Models for Non-Relational Database



UML Class Diagrams

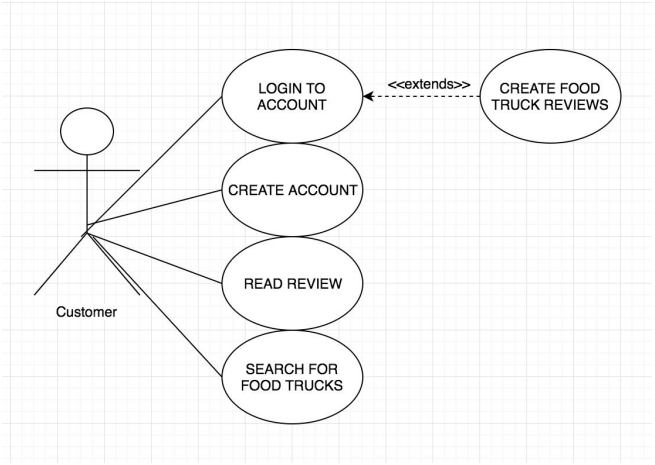


Requirements

User stories for this phase. Refine your use case diagrams.

1. As a customer, I want to be able to create an account or login so that I can personalize my app experience.
2. As an owner and customer, I want to view a map of Austin so that I can visualize food truck locations.
3. As a customer, I want to be able to view my profile so that I can see my information, favorite places, and reviews.
4. As an owner, I want to have a page for my food truck so that I can update its information real-time.
5. As a customer, I want to be able to view a list of the food trucks I have saved so that I can navigate to them with ease.
6. As a UT student, teacher, or TA, I want to view an about page so that I can see all of the stats and member information for the app.

Refined use case diagram for customer:



Tools, software, frameworks

Android Studio is used to create the application.

Adobe XD is used to create the mockups.

Draw.io is used to create the database model UML diagrams, UML class diagrams, and the use case diagram.

Github API was used to dynamically get the repository statistics.

Testing

Since our application is only composed of static UI pages with no functionality, there is no testing to be done. We did manually test the UI. We have tested features like the Github integration in the about page, yet only by hand. However, by phase 2, we will have functionality for our desired pages and will have automated tests for them.