

Foodier

To help you decide
where & what to eat

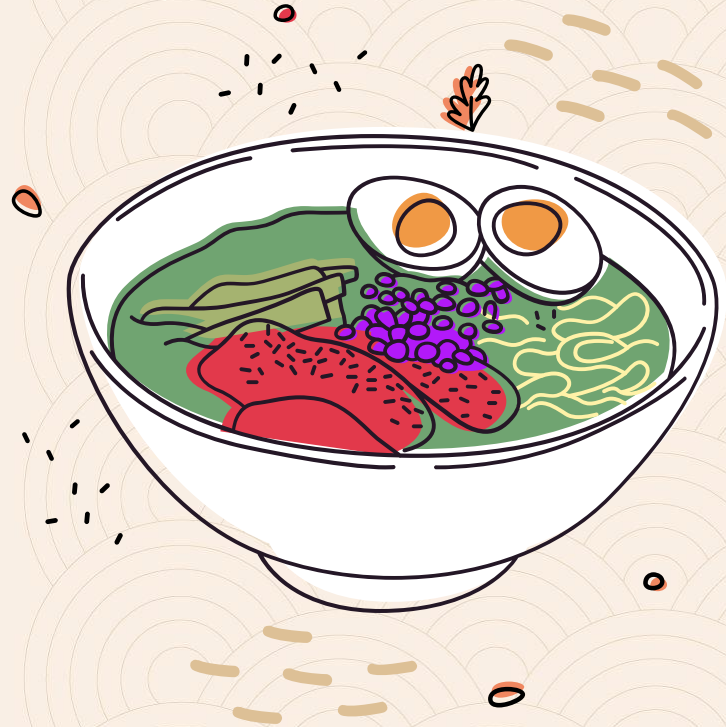
GitHub Repo -
<https://github.com/info4482021-au21/group-final-project-a6-foodier>

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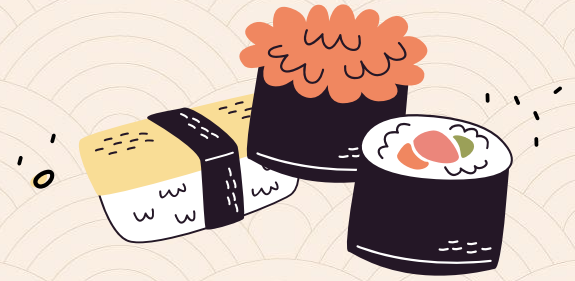


Goal

- Make it easier to figure out where and what to eat
 - Discover local foods
 - Find other restaurants that have similar foods
 - Be able to save your favorites to revisit!



Public API + Database



01

Room Local Storage

To store our user's bookmarked food items

03

Google Maps API

To inform the user how far away they are from the restaurant

02

Yelp API

To suggest other restaurant locations that serve the dish.





Mobile Specific Implementation

Current Location Permission

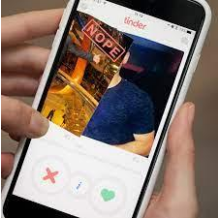
To inform the user how far away they are from the restaurant.

Open Source Libraries used

1. [Yelp's Kotlin Android Workshop](#). This was used to navigate the API and find other restaurants that had similar foods.
2. [Card Stack View UI component](#). This was used for the main page's food card swiping view. Followed an example from [here](#)
3. [Android Room](#) This was used for storing bookmarked food items



Lauren's - Main Activity



Food Item Card Swipes

A gamified and exciting way to go through a card view list of food items



Current Location + Google Maps API

Giving users an estimate on how long it would take them to get to the restaurant from their current location



ViewModel Data Organization

The data is all stored within a viewModel and displayed using adapters and xml files

Jade - Details Fragment + Debugging for Room DB

Note: Not an activity - Prior approval from Oren based on overall increase of project complexity!



Detail Fragment

When you click a Food card, this fragment receives card data and you're able to view details on a restaurant you can get the item from and its address



Yelp API + Recycler View

Don't like the restaurant we recommended? No worries. The implemented Yelp API finds other restaurants with the same/similar item and displays a scrollable list for you to choose from!



Room Database

Ensuring that data was passed into room database and making quick non asynchronous calls that would not lock the UI for the adapter

Shruti's Features



Bookmarmy Activity

Bookmark activity has recycler view that displays all bookmarked food names



Room Database

Room Database stores all food items that have been bookmarked

Thank you!

Do you have any questions?

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