Restaurant Finder

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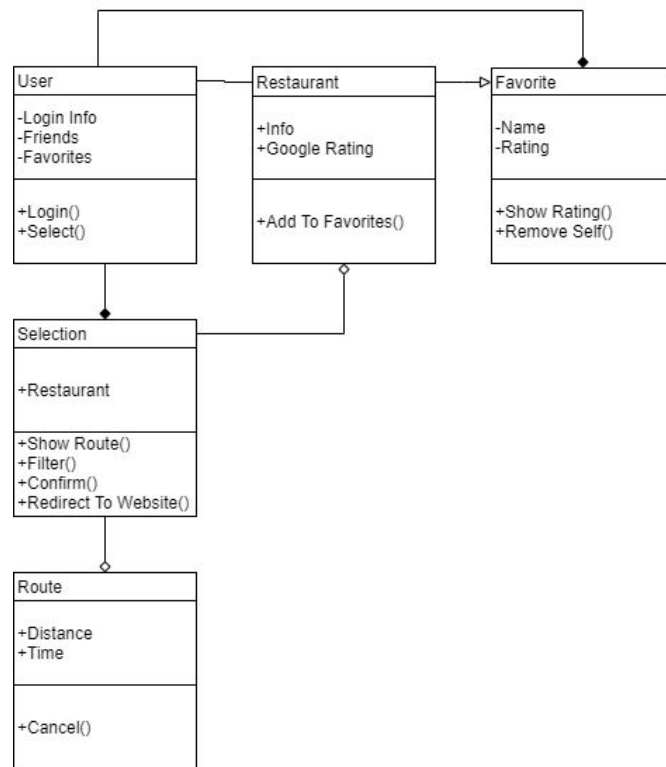
Introduction

- Filimon Gebrekidan
- Ethan Kolkmeier
- James Durflinger
- Carl Trautwein

Overview of project and requirement

- Restaurant Finder (RF) is an app that helps people decide on what to eat. RF allows a user to create an account and view restaurants in their area in a view that is less overwhelming than similar services such as Google Maps or Yelp.

- Users can view restaurants by adding filter such as distance, rating or price

- RF can also be used to generate random restaurant for users who are having hard time picking a restaurant

- Users can save favorite restaurant. This can come in handy if you forget the restaurant name or if you want to get the direction to restaurant

Design

User

-Login Info
-Friends
-Favorites

+Login()
+Select()

Restaurant

+Info
+Google Rating

+Add To Favorites()

Favorite

-Name
-Rating

+Show Rating()
+Remove Self()

Selection

+Restaurant

+Show Route()
+Filter()
+Confirm()
+Redirect To Website()

Route

+Distance
+Time

+Cancel()

What did we use?

- Android device
- Google Firebase used for database, and user account authentication
- Google Maps API used to find restaurants and show the direction
- Android Studio as an IDE
- Github for Version Control

Distribution of work

Filimon Gebrekidan	Implemented Firebase API, User Signup and Login Authentication, designed GUI layouts, contributed to requirements
Ethan Kolkmeier	Implemented Searching capabilities, location services, log-in GUI, MainPage GUI, random restaurant functionality, create acconts, contributed to design/ requirements

Distribution of work (cont.)

James Durflinger	Implementation of Google Maps API, changing views (map and list), contributed to design/ requirements
Carl Trautwein	Testing, contributed to design/ requirements

Restaurant Finder Demo