

Restaurant Generator



Database System 2020
Christopher Gomez-Selio, Yamini Pattan

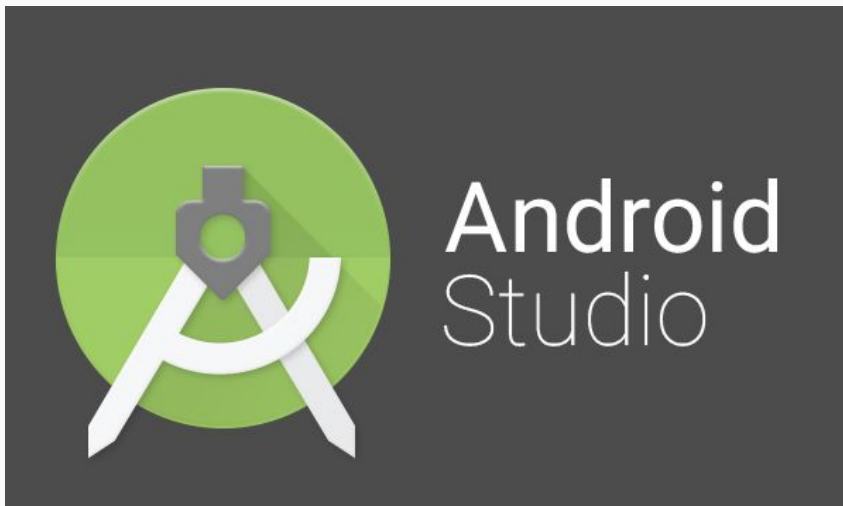
System Description

Problem: It can be hard to make decisions on where to eat out when with others, or to try new restaurants in your area or somewhere unfamiliar

- The application will generate a random restaurant based off of user given specifications
 - Price range
 - Min and Max travel distance
 - Cuisine type

Specifications (Platform)

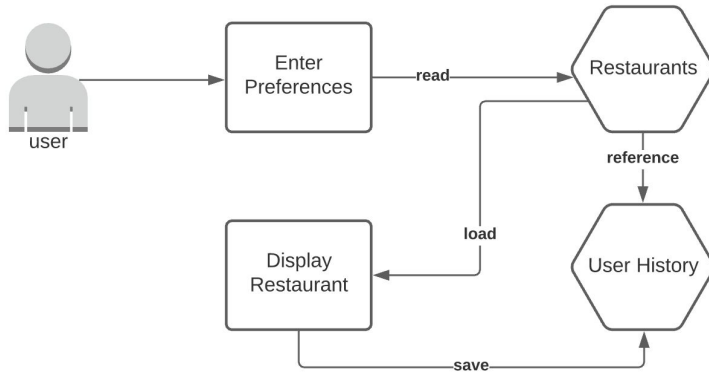
- **Mobile Devices**
 - Android
- **Android Studio**
 - Kotlin



Specifications(other)

- **Login page**-users will be able to save their favorites, and categories across devices
- **Multi Client Support** - Can add multiple accounts onto one device
- **Choices**- User fills in desired restaurant categories to filter cuisine
- **Language Support** - Multilingual UI
- **Favorites** - The user can mark a restaurant as a favorite to save
- **Link-out** - Restaurants are provided an in-system description with a link to their Yelp page, if available

User case examples



- User enters preferences (cuisine, rating, distance, pricing)
- App will check against user history so that the same restaurant is not generated twice
- Displays the restaurant that was generated with information such as address, cuisine, rating, and price

E/R Diagram

