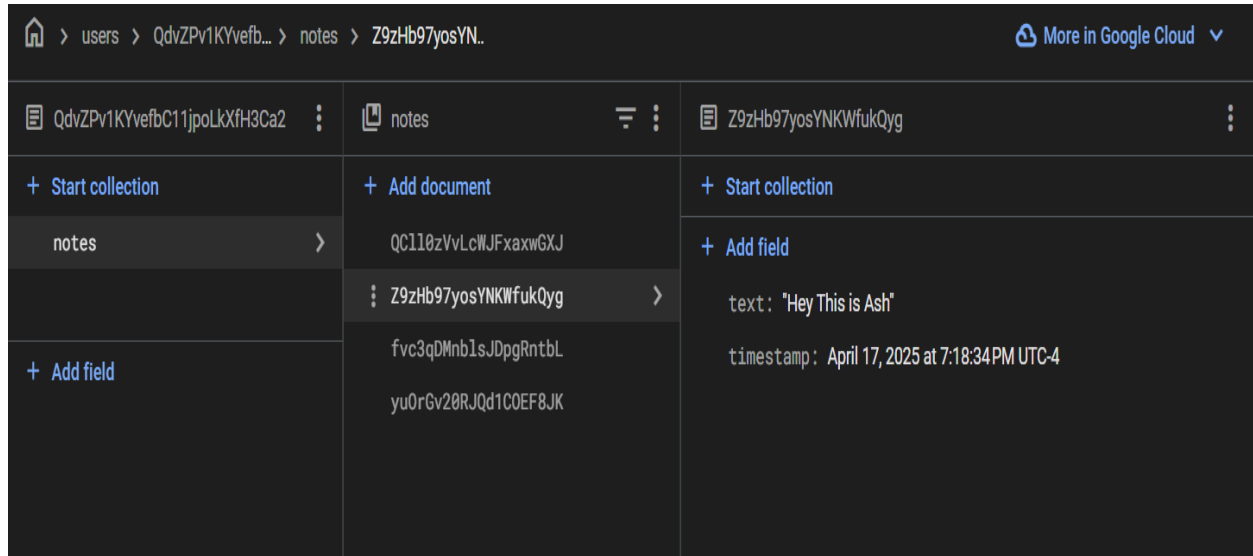


## Firestore:

### Current:

User, User ID for login and storing user information



### Schema:

User (User id):

*To be implemented...*

Itinerary:

- (Day 1, Day 2, ... ,Day x, Start date, End date)

Day x:

- (Destination 1, Destination 2, ..., Destination x)

Destination x (name of destination):

- Address, opening hours, length of stay (user input)

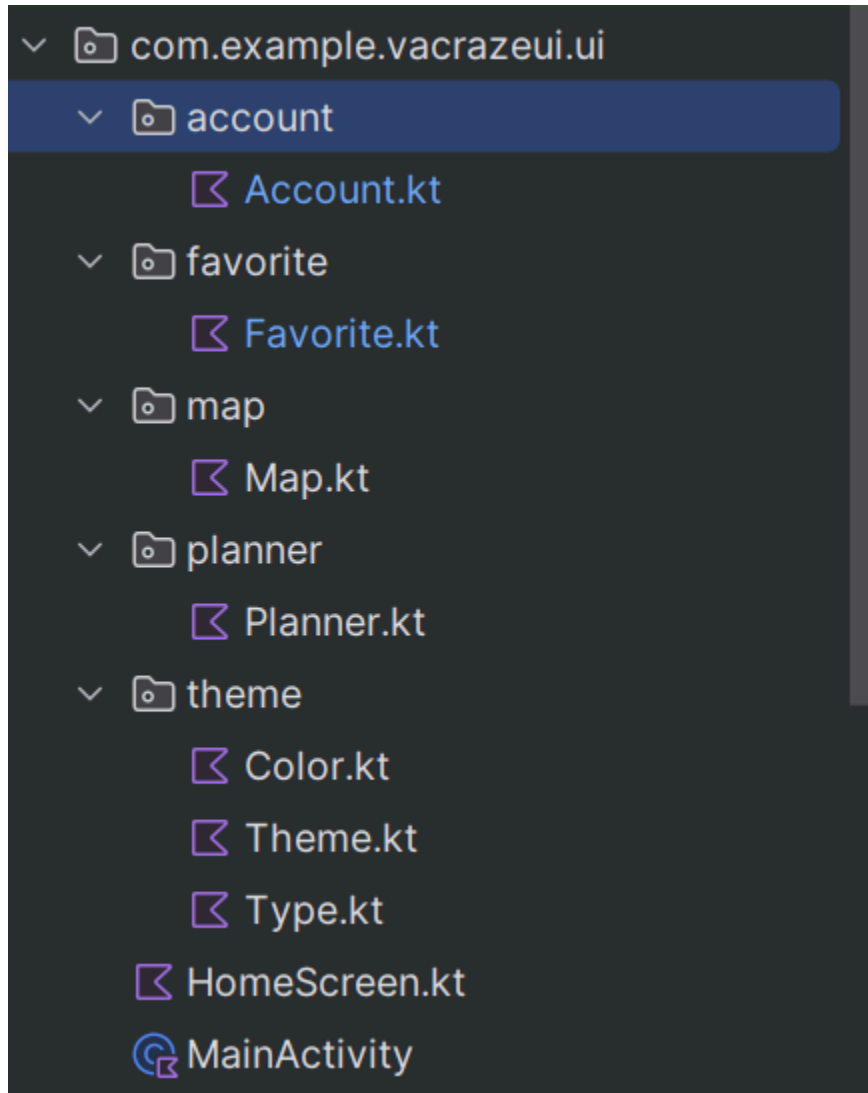
### APIs Used:

- **Google Places/Maps API:** Successfully integrated
- **Method of integration :** Integrated Google Places and Maps APIs using the Google Play Services Location and Maps libraries. Set up API keys via the Google Cloud Console, added necessary permissions in the manifest, and used the Places SDK to fetch location data and autocomplete suggestions. Displayed maps using GoogleMap composible from the Maps Compose library.

### APIs Yet to be Integrated

- **Yelp API:** To be implemented in feature refinery
  - Used to help retrieve ratings for destinations
- **OpenWeather API:** To be implemented in feature refinery
  - Used for features such as warnings for bad weather

## Project Structure:



### Front end:

- UI will have the favorites, map, planner, and account ui files, whereas the home screen and MainActivity will be outside of such directory (home screen contains the NavController which allows us to navigate between pages)

### Back end:

- Handle API Integration
- Database access/calls