

IDEA 1: Trip Planner

This is an app that helps users plan a trip to a specific destination. Given certain data (e.g. destination, dates, budget), the app would suggest flights, hotels and maybe other things such as activities or restaurants. We plan to use a database (MongoDB) to store user data and to use OAuth with some sort of 3rd party login. APIs that we may potentially use include but are not limited to: Google Maps, Yelp, and TripAdvisor.

- **Database:** MongoDB
- **APIs:** Google Maps API, Yelp Fusion API, ExchangeRate, Walk Score
- **Authentication:** OAuth

IDEA 2: Geo-Music Guesser

This app is similar to the game GeoGuesser. In GeoGuesser, you guess your location based on a Google Maps street view. For our app, the user will guess a location based on music/spotify playlist. We plan to use a database (MongoDB) to store user data and to use OAuth with some sort of 3rd party login (probably Spotify). APIs to be used include but are not limited to: Spotify, Google Maps.

- **Database:** MongoDB
- **APIs:** Spotify API, Google Maps API
- **Authentication:** OAuth

Github repo: https://github.com/rxchen123/CS411Spring2022_A5_Group4