PlanIt

Team Cipher

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Architecture

Process - Team Members

Front End

Soham Pathak

Mohan Vashist

Guikang Zhong

Back End

Jingwei Wang

David Wu

Zongda Wang

Hao Liang

Process - In short ..

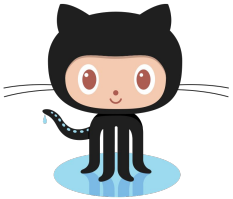
- Communication: - Agile methodology (Document everything)
  - Release Plan Meeting - In person
  - Daily Standup Meetings - Messenger / Group Calls
  - Sprint Meetings - In person
- Process: Scrum
  - Sprint 0
  - Sprint 1 - 57 story points
  - Sprint 2 - 34 story points
  - Sprint 3 - 47 story points
- Standards
  - PEP8
  - JSlint
- Techniques
  - Pull request in Git Hub
  - Shadowing
    - VS live share

Process - Difficulties

Us

Things to learn

Process - Things need to be improved

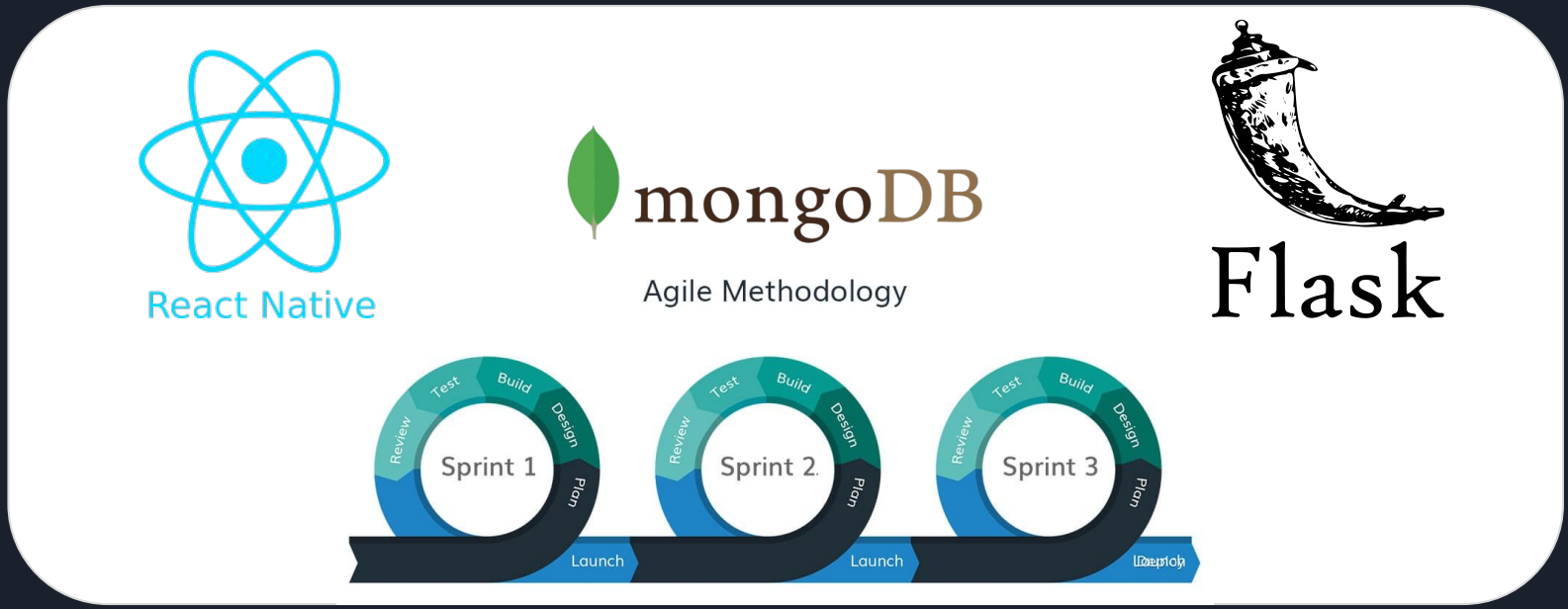


Jira

Sygic | Travel

Google Maps APIs

Process - Things we did well

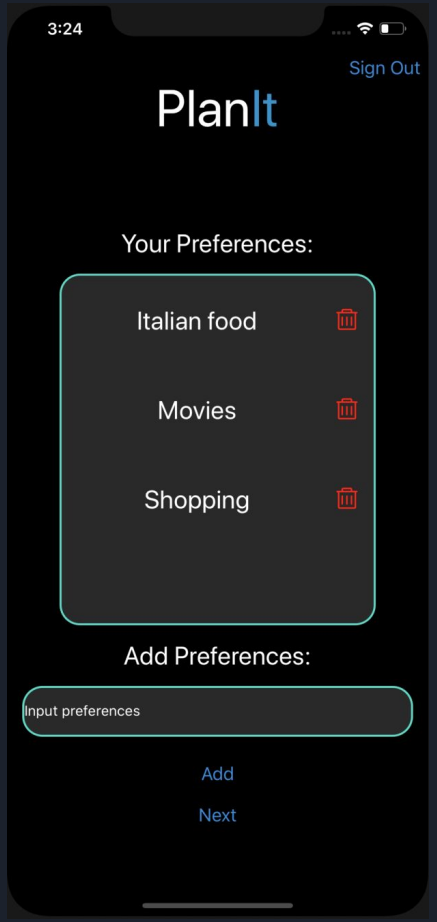


Product

- Introduction
- Key features
- Demo

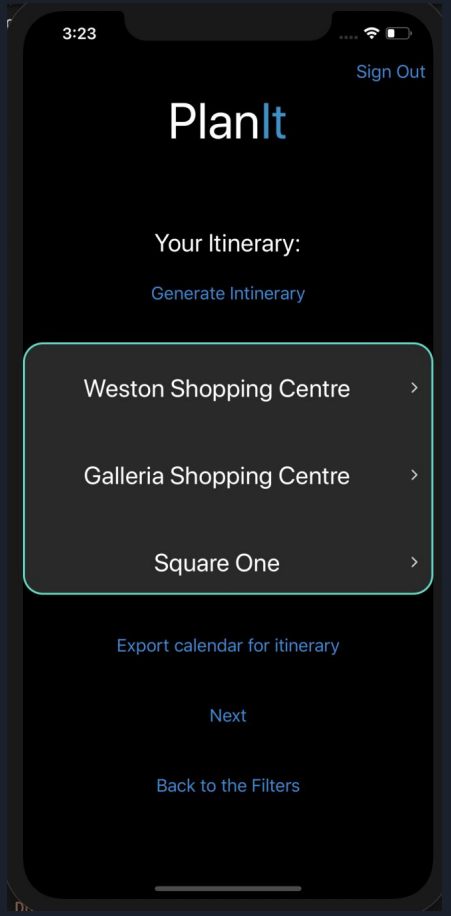
User preferences

- Allow user to add their own preferences
- Easily delete



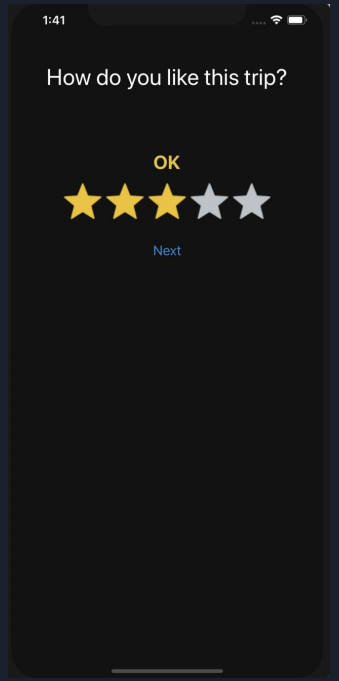
Sygic API

- Precise information
- Large database of unique places around the world
- Unique locations/activities



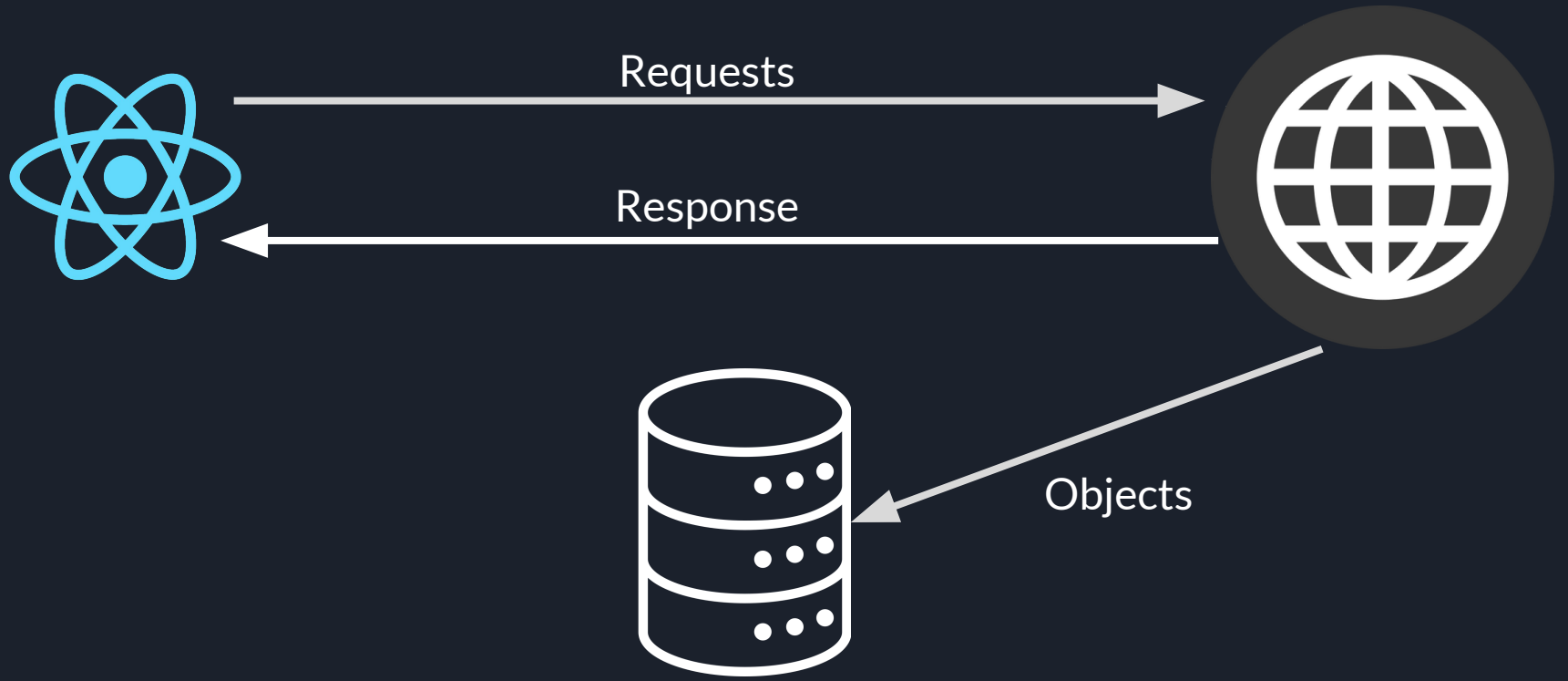
Appropriate Feedback

- Rating and comments
- Redirect to preferences



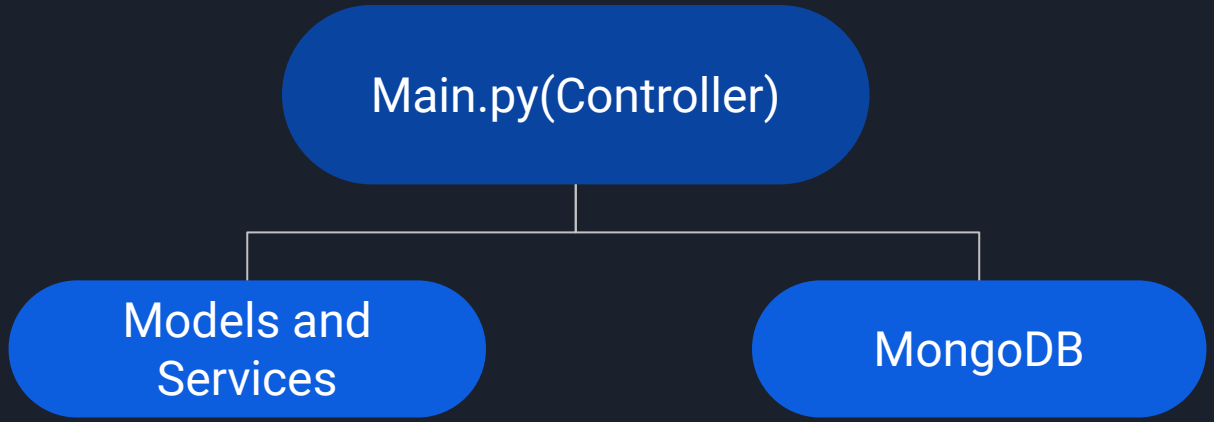
Demo

Architecture



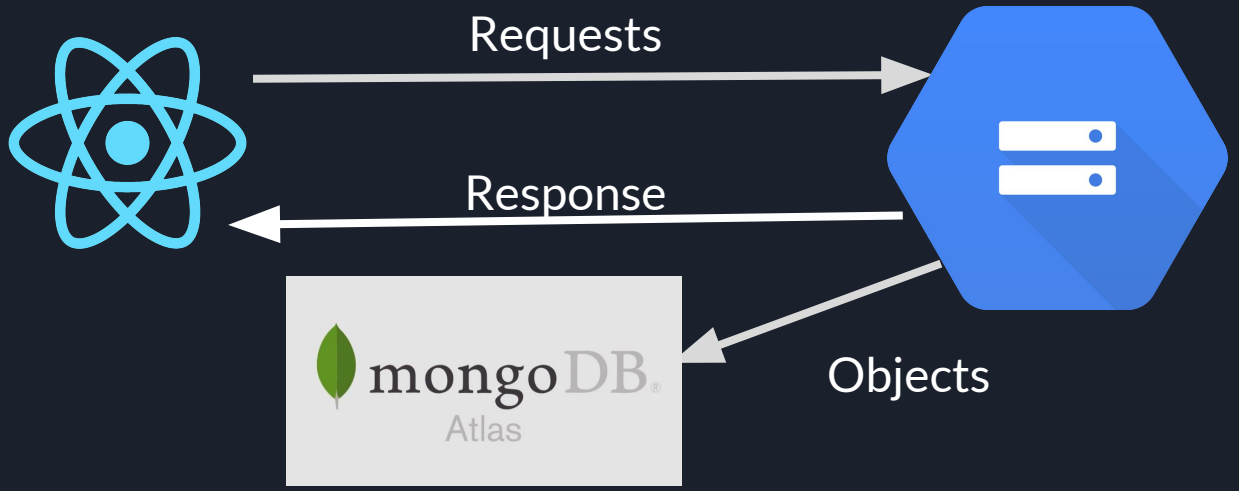
Architecture

- Followed the MVC Pattern
  - Flask
    - Models
    - Controller
  - React Native
    - View



Tools and Technologies used

- Deployed backend to Google Cloud Platform
- MongoDB Atlas
- Expo



Technical Challenges

- Learning React Native Quickly
- Requests taking too long
- Managing dependencies (backend)
- Ensuring that the experience was the same for Android and IOS(frontend)

Questions