

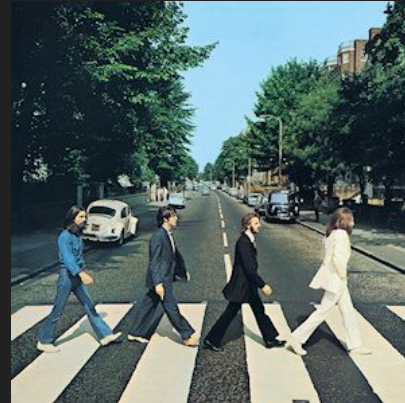
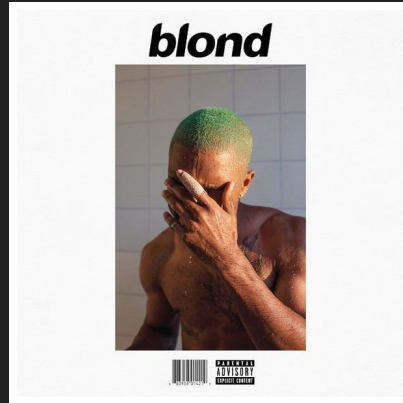


Stellar

Brad Smith, Mingxuan Zhang, Henok Hailemariam,
Vail Dorchester, Michael Merola

Idea

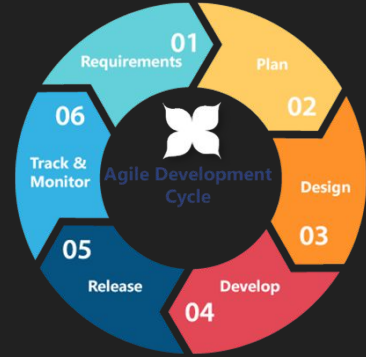
- Connect users to artists
- Users can discover new music based on their current interests



Methodology

Agile

- Group Planning Method
- Weekly Scrums to keep track of member progress
- Organization of weekly tasks
- ...



Usefulness:



Tools

Zoho

- Project Management
- Organize Sprints and related tasks
- Confusing AI, Difficult to navigate
- Not helpful for productivity

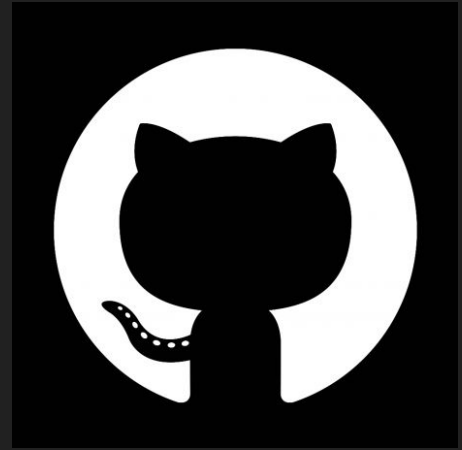
Usefulness:



Tools

Github

- Version Control
- Cloud Repository for code between group members
- Users: All
- Clean, easy to use



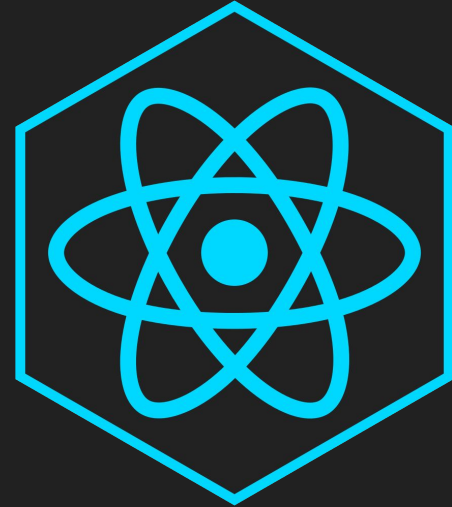
Usefulness:



Tools

React

- Front-End Development
- Programming in Javascript, HTML, CSS
- Users: Brad, Ming
- ...



Usefulness:



Tools

mySQL

- Database Management
- Store/Retrieve information from customized tables
- Login system, logging User's likes/dislikes
- Users: Henok, Vail
- ...



Usefulness:



Tools

Last.fm API

- AudioScrobbler music recommender system
- Retrieve JSON of artists similar to a seed artist
- API integrated with Python Backend
- Users: Michael



Usefulness:



Tools

Heroku

- Web Hosting platform
- Access Last.fm API endpoint
- Easy deployment for web apps
- Users: Michael
- Hard to implement mySQL database



Usefulness:



Challenges

- Group Management
- Consistency of Workflow
- Spotify API
- Integrating Front-end to Back-end to Database



DEMO

