ADL Tracker

- Tyler Rayborn

- Noelle Chalepas
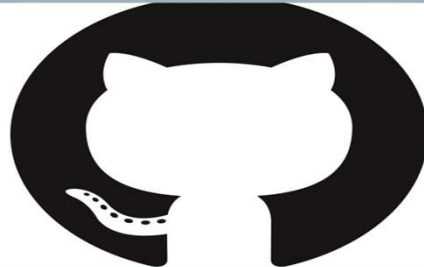
- Barry Wang

- Chase Tullar

Methodologies

- Pair programming

- Agile

- Peer code reviews

Tools Used

Project Tracker: JIRA
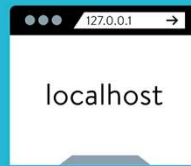
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Repository: GitHub

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Database: PostgreSQL

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Tools Used(cont.)

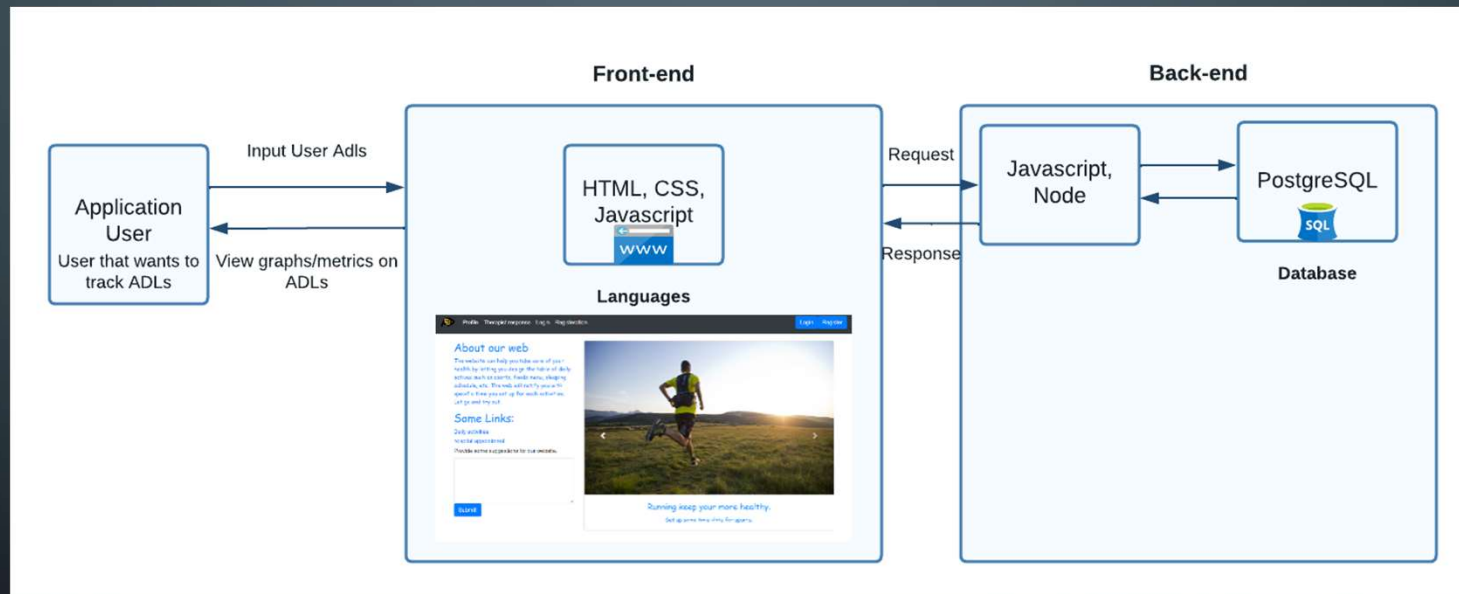Communication: Discord

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Deployment Environment:
LocalHost

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IDE: VSCode

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Git Commits

Architecture Diagram

Challenges

- Writing APIs for MySQL using Node.js
  - Solution: Created tables in PostgreSQL in order to align more with course material
  - Potential effects: Not having working APIs for the app

- Connecting EJS files to backend
  - Solution: Inserting HTML form tag around the EJS code
  - Potential effects: Being unable to display/store data through the webpages

- Using Git to merge individual branches into the main branch
  - Solution: Used git stash before git pull to store pending changes and then restoring those changes using git stash pop
  - Potential effects: Accidental overwriting of in-progress files

Challenges(cont.)

- Connecting database to Docker
  - Solution: Using documentation/course materials to get a working docker-compose file
  - Potential effect: Not having a database to connect the web API with

- Initializing database when running docker-compose
  - Solution: Running docker-compose down –volumes to clear old volumes
  - Potential effect: Having a database that would not update with changes made to the create.sql script