

A decorative graphic on the left side of the slide, consisting of a network of white lines and circles on a dark blue background, resembling a circuit board or a neural network.

# ADL Tracker

- Tyler Rayborn
- Noelle Chalepas
- Barry Wang
- Chase Tullar

# Methodologies

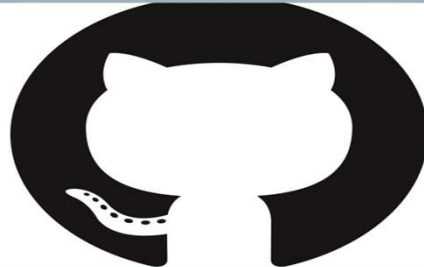
- Pair programming
- Agile
- Peer code reviews

## Tools Used



Project Tracker: JIRA

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Repository: GitHub

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Database: PostgreSQL

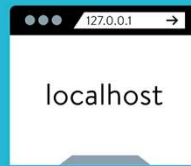
1/5

## Tools Used(cont.)



Communication: Discord

5/5



Deployment Environment:  
LocalHost

5/5



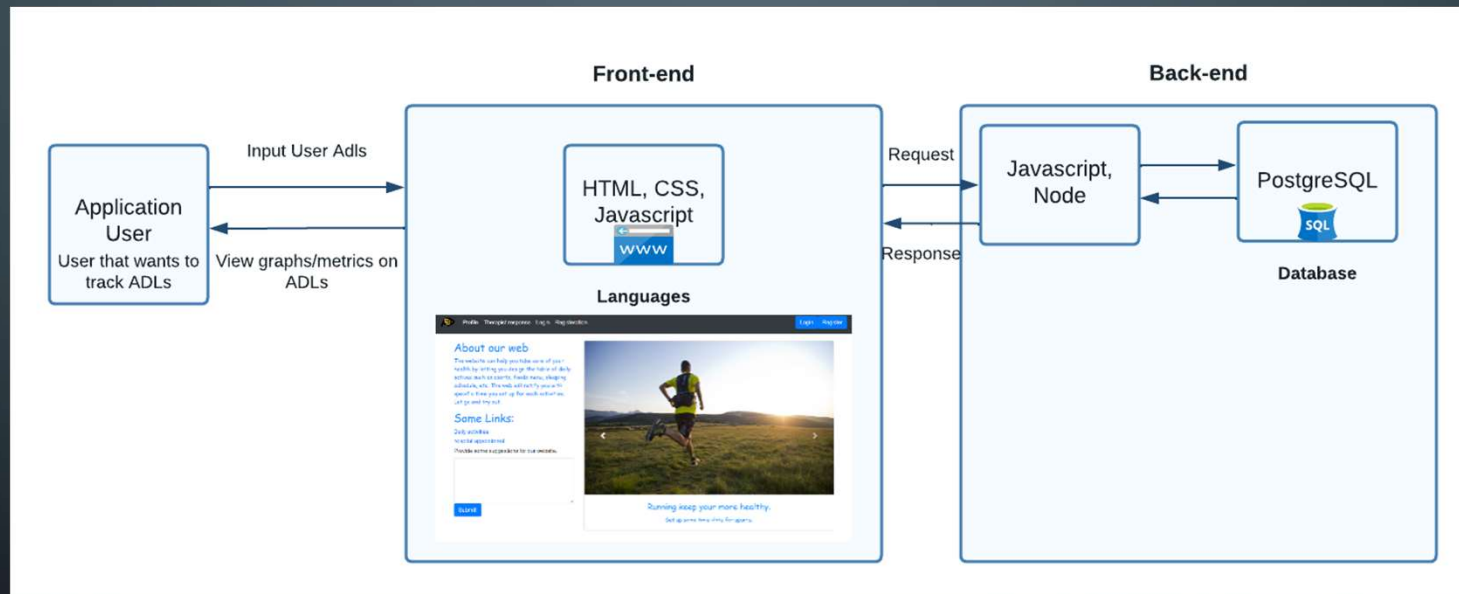
IDE: VSCode

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# Git Commits

Update the profile page with getting data from db	961eab1	<>
barry-yuzhuo committed 18 minutes ago		
Update the whole project stuff.	da7841c	<>
barry-yuzhuo committed 26 minutes ago		
ADL page and Graph page	765a998	<>
Noelleaine committed 42 minutes ago		
Commits on Apr 12, 2022		
Moved img files	7dbd2af	<>
Tyler-Rayborn committed 18 hours ago		
Updated home.ejs with images	3c7fc6d	<>
Tyler-Rayborn committed 18 hours ago		
Merge branch 'main' of https://github.com/cub-csci-3308-spring-2022/c... [diff]	7ae79ac	<>
Tyler-Rayborn committed 19 hours ago		
Updated docker-compose and create.sql	6d8fb4c	<>
Tyler-Rayborn committed 19 hours ago		
Merge pull request #1 from cub-csci-3308-spring-2022/barry-branch [diff]	50efab9	<>
barry-yuzhuo committed 19 hours ago		
update the profile setting API function	443a7cd	<>
barry-yuzhuo committed 20 hours ago		
login functional mostly	ed287ad	<>
chasetuICU committed 22 hours ago		
login / reg works	6248b47	<>
chasetuICU committed 23 hours ago		

# 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