Food Finder

CHATTY 104-8

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Tools

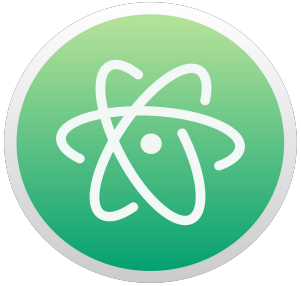

aws


PostgreSQL


groupme

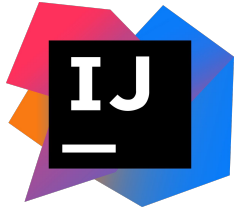

node
JS


DG




GitHub


AWS RDS


IJ


Jasmine


Elastic
Beanstalk

Amazon Web Service
Purpose:
AWS provide a platform to deploy a cloud database (RDS) and a virtual server to host a website that can be open for everyone via Internet.
Ratings: 5/5 ★★★★★

Tool: GroupMe
Purpose: communication between the team to coordinate meeting times and talk about tasks that we need to complete.
Rating: 5/5 ★★★★★

AWS RDS

PostgreSQL on AWS RDS:
Purpose:
Relational database management system that allow users to store and manage data more efficiently.
RDS provides a easy way for us to work on the same database.
Ratings: 5/5 ★★★★★

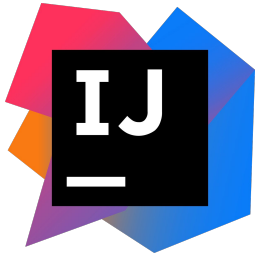
Tool: Node.js
Purpose: We used Node.js as the framework of the project to connect the server side of the project to the client side of the project.
Rating: 4/5 ★★★★☆

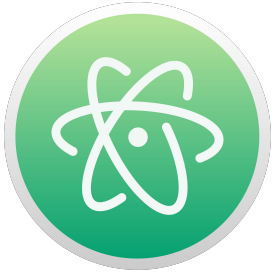
Tool: Jasmine
Purpose: Testing functions/framework
Could not figure out how to make it test the functions

Purpose: As a project tracker, we use it to track progress on the project and complete checkpoints.
Referred back sometimes

Tool: Github (VCS)
Purpose: A platform where we could upload all of our work and share all our files in one place

IDEs



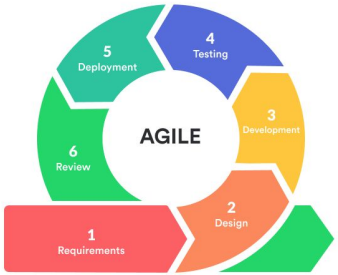


- For the IDE of our project, we used **DataGrip** and **IntelliJ IDEA**
- **Purpose**: We use DataGrip for making modification to database, and we use IntelliJ IDEA for writing and running the code.
- One benefit of using **IntelliJ IDEA** is that it provides a much easier way to start the server and debug the website.
- They are both developed by **JetBrains**.

Tool: Atom (secondary IDE)
Purpose: A code editing software that we used to design the website

Methodologies

- The method that we used in this project is AGILE/ Pair Programming
- Design and develop a part of the project and test it with other parts of the project
- Ex: Design and develop a login feature and test it with the profile page to see if the login information connects with the profile page
- Ratings: 5/5
- It allows us to constantly modify the functions based on various situations and demands. In addition, Peer Programming allows us to collaborate on the bridge between two functions and increase each other's understanding about the project.



Challenges

- **Problem**: Being able to pass information to the restaurant cards on search results and home page to the restaurant information pages.
- **Solution**: We created a function to pass the restaurant ID to the function that was used to load the restaurant information page. If we didn't solve this problem, we wouldn't have been able to navigate to or load the correct restaurant pages.

- **Problem**: Couldn't find a free datasets that incorporated everything that we needed
- **Solution**: Used datasets from Colorado Government website, and modify the necessary features manually. Without this solution, we would have had to just make a very small database that wouldn't have been useful in the real world.

- **Problem**: Merging all the functions together from the team and get everything working property
- **Solution**: Increase communication and collaborate on the part to help each other have a better understanding. This caused a lot of stress at the very end of the project before the presentation.

- **Problem**: Couldn't transfer the user's login status between web pages
- **Solution**: Learned how to use cookieparser to save the user's login status in a cookie to grab later. If we couldn't figure this out the log in function would be completely useless and many of our features would have be removed

Sample Pages