Where's My Stuff

Group 24
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Brief Description

- Voice-controlled inventory system
- Useful for either large warehouses or hobbyist workshops
- React frontend with Node Express server and MySQL on the backend

Build Tools

- [Node and npm](#)
- Express for Node
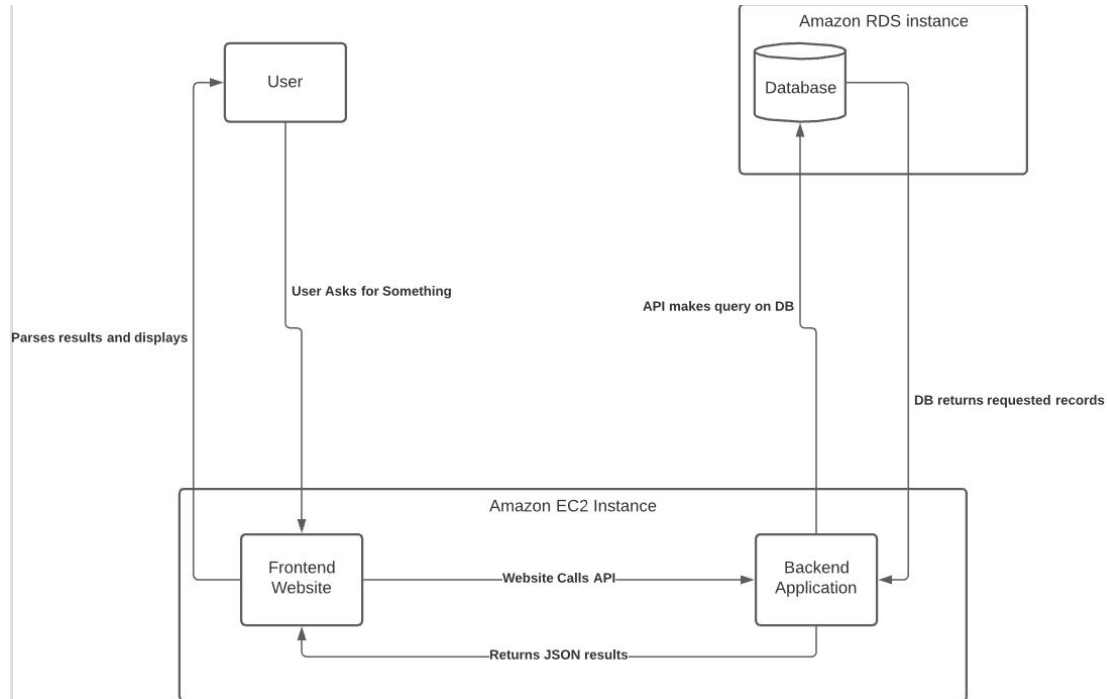- React ([Windows](#) or [Apple](#))
- [MySQL](#)

Build Steps

1. Install the previously mentioned/linked build tools
2. Clone the [Repository](#)
3. Start the MySQL server and import the 'Schema.sql' file from the 'Database' directory
4. Copy details of the server into the '.env' file in the home directory

Build Steps Cont.

5. Run 'npm install' from the home directory
6. Run 'npm install' from the 'api' directory
7. Run 'npm start' from the 'api' directory to start the backend service
8. Run 'npm start' again from the home directory to start the frontend

Functional Diagrams

Demo

User Stories

- As a user I need to access items in the database with my voice so that I can remain hands free and improve my workflow.

- As a user I need to locate items in my workshop with simple voice commands so that I can quickly find what I need.

- As a user I need to be able to use voice commands to show what items are in my system so that I can see what all I have available.