Neighborhood Service Exchange

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Description

- A localized platform where neighbors can offer the following exchange, or barter services.
- SQL databases
  - user profiles
  - service listings
  - reviews
- HTML & CSS. NodeJS can manage;
  - real-time notifications
  - location-based search
  - user interactions.

Tools

Postgresql - Database, 4/5, RDBM

Github - Version Control & Project Tracker, 5/5, Agile methodology

Ejs - UI Tool, 4.5/5,

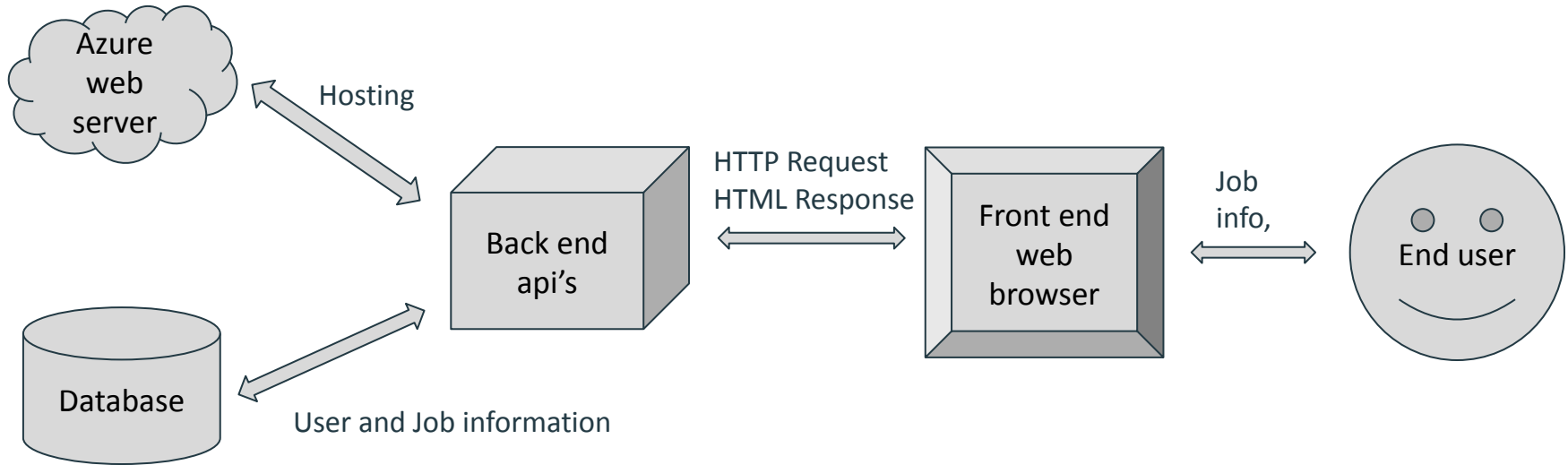HTML - UI tool, 4.5/5,

VSCode - IDE for coding, 4.5/5,

NodeJs - Application Server, 3/5,

Azure - Deployment Environment, 3/5,

Architecture Diagram

Azure web server

Hosting

Back end api's

Database

User and Job information

HTTP Request
HTML Response

Front end web browser

Job info,

End user

Challenges

- Unit tests to interact with live routes, we needed to find a way to allow the unit tests to read the websites response output
- The register route was not working
- The profile page was not updating the users information
- We had to limit the scope of the project(APIs, chat feature, google maps)

Demo

http://recitation-14-team-04.eastus.cloudapp.azure.com:3000/home