ReChef

By Team: Fruitleather

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Application Overview

- User creates account
- User enters ingredients
- Application outputs recipes from the web that match up to what they have
- User can save favorite recipes
- New recipes scraped from the web weekly

Tools Used

VCS repository : GitHub : ★★★★★

Database : MySQL : ★★★★★

Communication : Discord: ★★★★★

Project Tracker : Jira : ★★★

Framework : Angular : ★★★★★

Framework : Springboot : ★★★★★

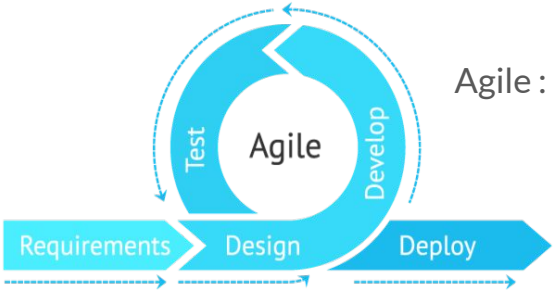
IDE: VS Code : ★★★★★

Webscraping : Scrapy : ★★★★★

Deployment Environment : Heroku : ★★★★★

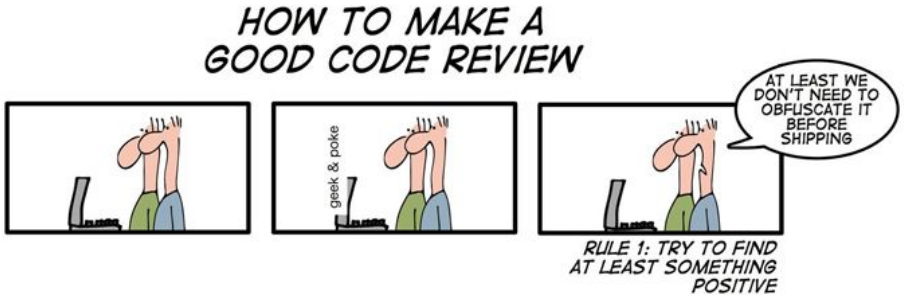
Methodologies Used

Agile : ★★★★★

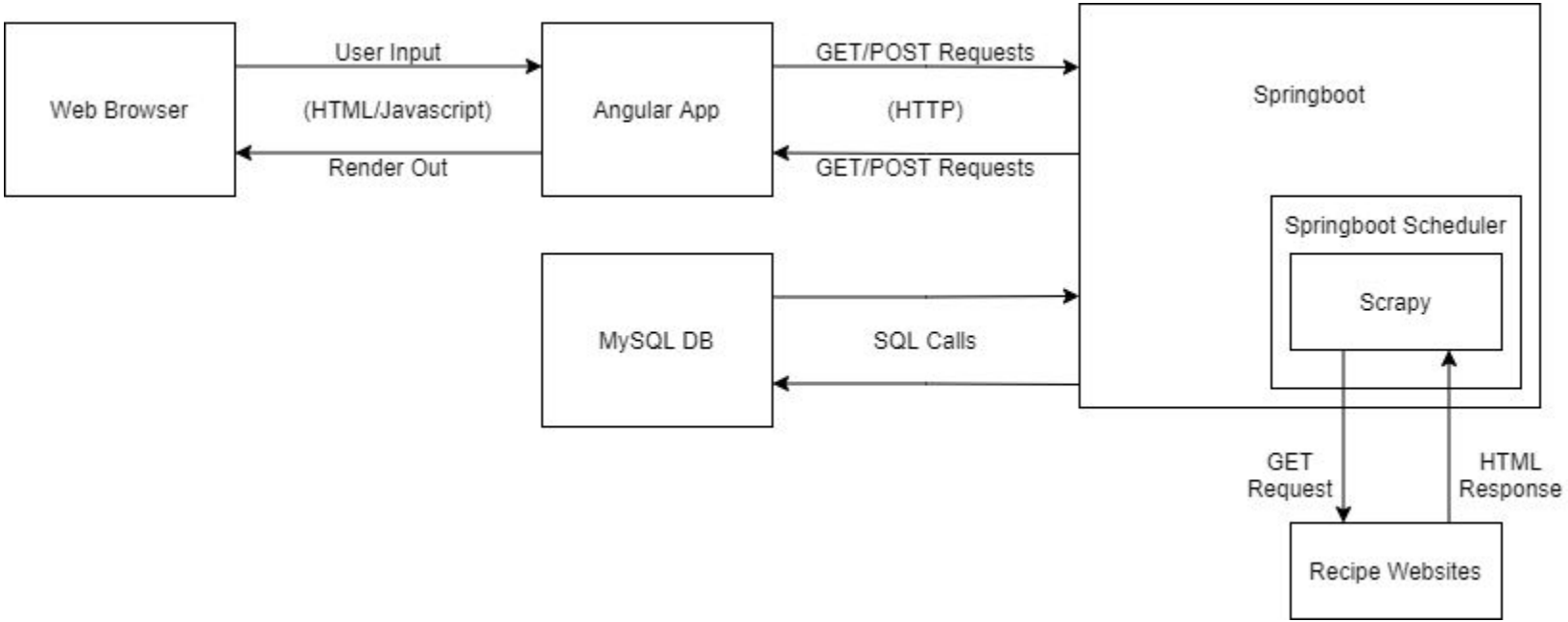


Pair Programming : ★★★★

Peer Code Reviews : ★★★



Architecture Diagram



Challenges

- Potential SQL injection problems or malformed input into the get/post requests (type handling)
    - Addition of security framework which ensures safe and cleaned inputs

Challenges

- Integration of Webscraping / Springboot
  - Originally planned for POST/GET requests from Scraper → Springboot
  - Researched and collaborated for solution:
    - All webscraping files go in Springboot. Springboot schedules the webscraping and addition of newly scraped recipes to the DB.

Demo

Questions