Group #: 108-1
Team Name: Team One
Team Members: James Le, Graham Gier, Sam Goulding, Allen Fu, Zhaoyi Xie, Aurangzeb
Malik
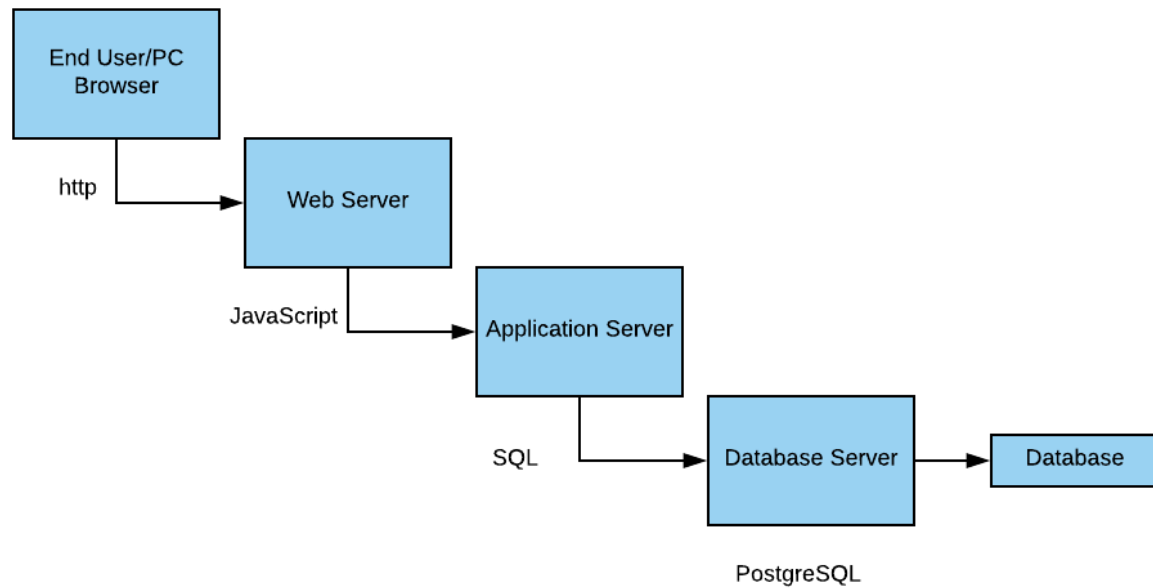Application Name: Cooki

Milestone 4

Revised List of Features:

Front End:
- Search Tool: March 29th
  - Basic: Simple search tool matching recipes by name/
  - Advanced: Thorough search tool matching recipes by ingredients
- User Account (on-click button): March 29th
  - Login: Allow the user to log into account
  - Register: Allow the user to register an account
  - Favorites: After logging in, display users favorite recipes
- Quick Start (on-click button): March 29th
  - Gives user recipes based off ingredients they have
- Recipe Page (general format for each recipe stored in database): March 29th
  - Basic template for every recipe on site
  - Recipe instructions
  - Includes **comment section** and a **video tutorial**

Back End:
- Registration/Log-in Capabilities: After Spring break :)
  - Allow user to register and log in
    - Store username/password in database
- Recipe Storage: After Spring break
  - Store all the recipes to be displayed
    - Recipes have tags to help identify them in search feature
- Ingredient Storage: After Spring break
  - Store all the ingredients used in recipes
    - Used for search feature/quick start feature
    - Used for filling recipe page
- Video Tutorial Storage: After Spring break
  - Store links to various recipe tutorials
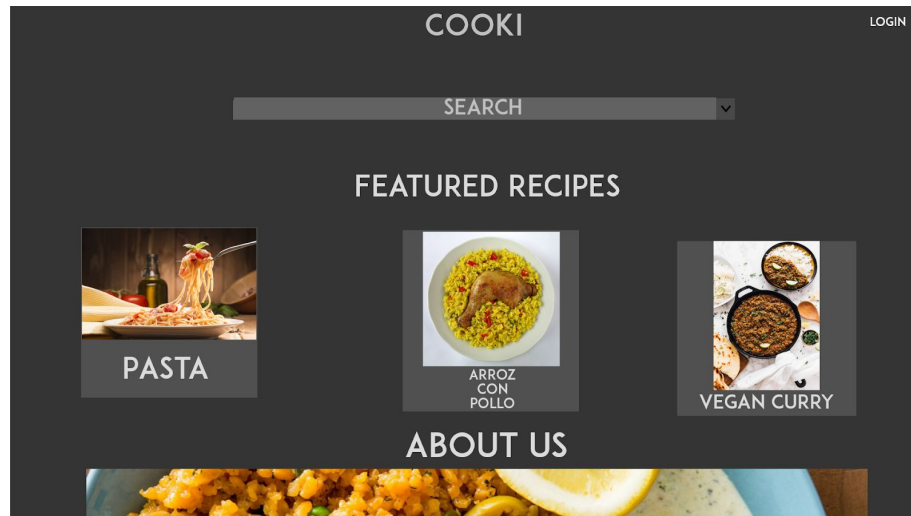   - Used for filling recipe page

Architectural Diagram:

Front End Design:
-What Aurangzeb kind of already created
-login button opens modal, modal will collect user input and/or allow for a user to register
-dynamic search button, (ie centers based off viewport, advanced button to the right of the search bar.)
Advanced search: allow for narrow search, will have check boxes (ie for vegan, veggie, ethnicity, and other options). (if no text input is given then a list adhering to other advanced options will be used to list all recipes)
-Have another image for what a recipe page looks like (video tutorials/comment section)

Current concept (home page in progress and underway):

Web Service Design: (List)
- express

Back End Design:
-We'll be using PostgresSQL to maintain our database

Reviews

review_id	int
user_id	int
body	varchar
rating	int

Users

user_id	int
password	varchar
email	varchar
dietaryflags	int[]
favorites	int[]

Ingredients

ingredient_id	int
name	varchar
flags	int[]

Recipes

recipe_id	int
name	varchar
videolink	varchar
body	varchar
ingredients	int[]
difficulty	int
prep_time	varchar