Milestone 4

Drinksta Dudes - Team 3

Andrew Yee, Trevor Stanley, Holden Kjerland-Nicoletti, Teagan Peters, Joshua Hamel, Maxwell Sechelski

https://github.com/the-drinksta-dudes

Revised List of Features

- **Login and or sign-up**:
    - Either login with an existing account or
    - register an account
    - User must confirm they're 21 or over
- **Website accessibility/compatibility:**
    - a web browser that displays/formats automatically on either on a PC, Tablet, or Smartphone
- **Drink recipe recommendation:**
    - Algorithm that finds drink recipes based on the ingredients you enter & theme
    - Hence, a major feature is entering ingredients
- **Rating:**
    - Every drink recipe can be rated
- **Sharing:**
    - Every drink recipe will have a sharing feature amongst users
- **Rewards:**
    - Earn reward points from sharing drinks and liking drinks; reward points can be used at your local liquor store
- **Drink Name Search:**
    - Users can search for the name of a specific drink
- **Add a drink:**
    - If the drink doesn't already exist in our system, a user can specify it and add it.
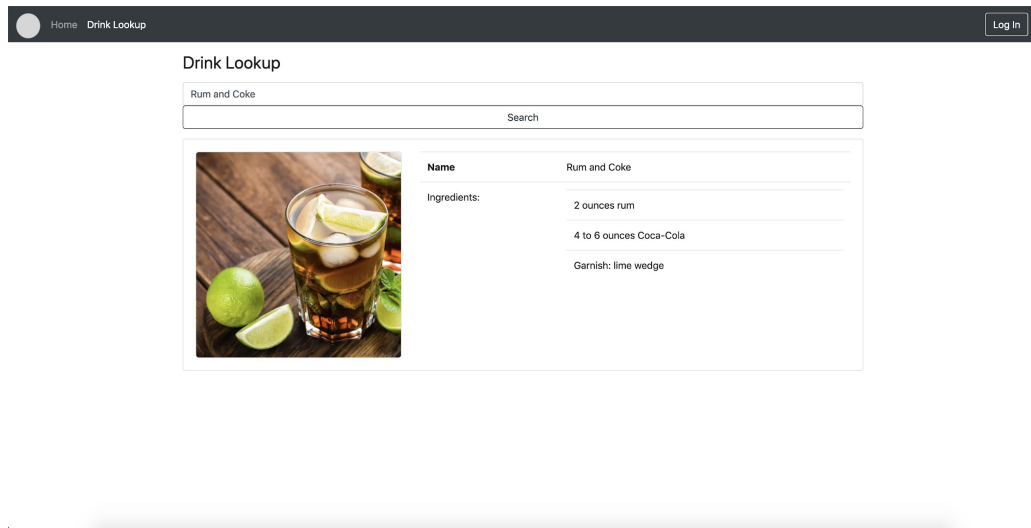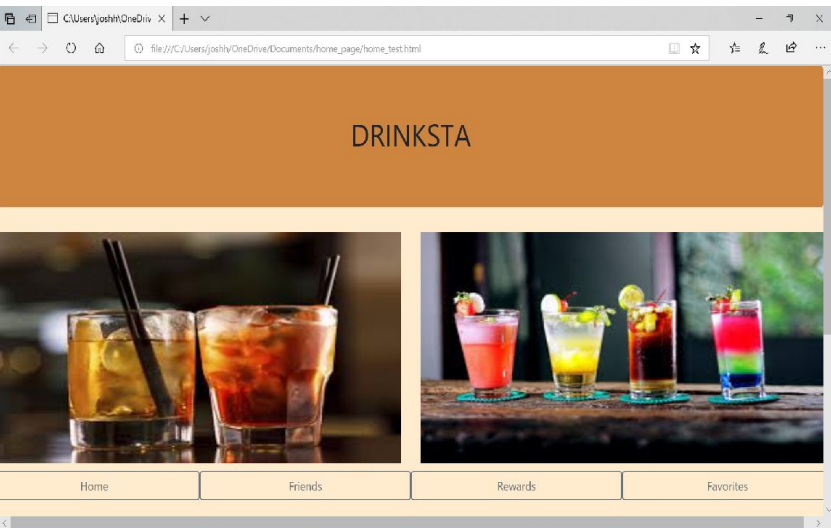
Architecture Diagram

Back End

Integration Layer
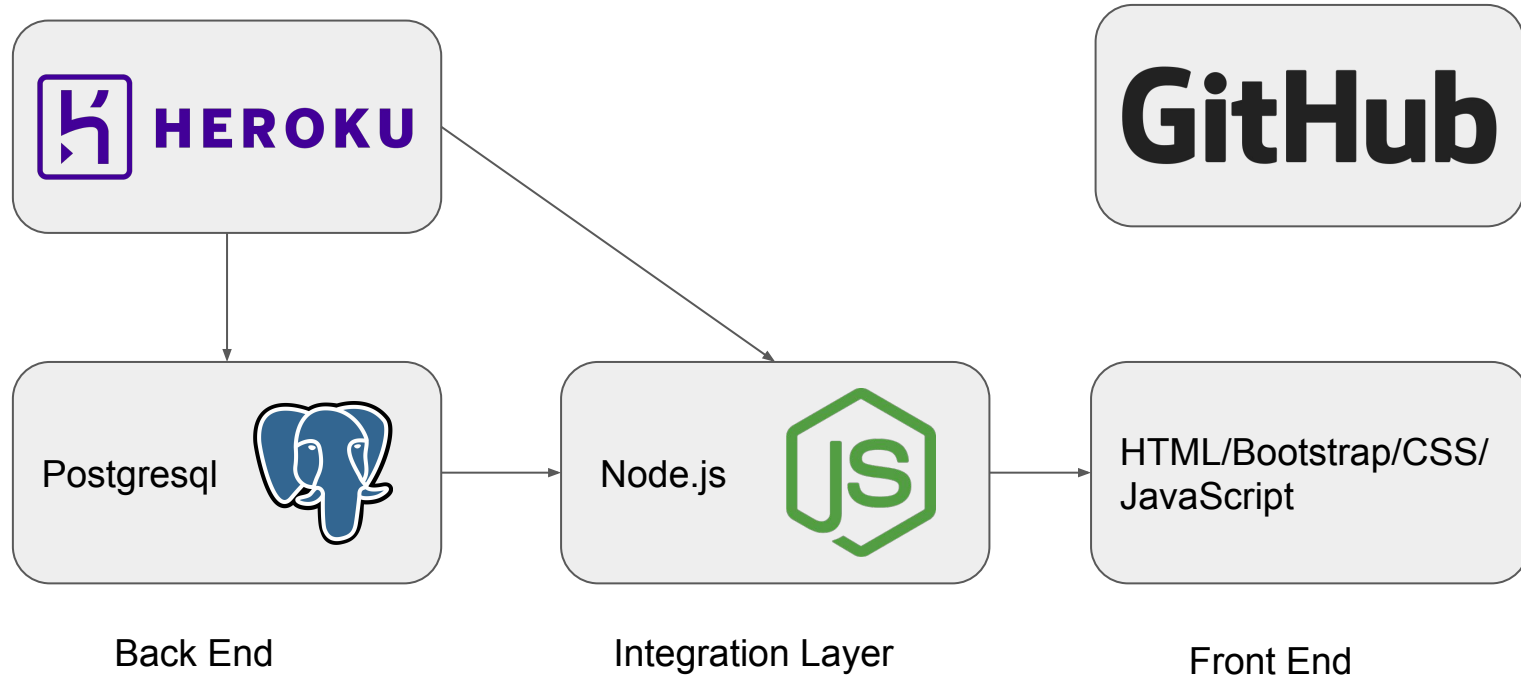
Front End

Front End Design & Workflow

Webpages: Home, Drink Pages, Friends, Rewards, Drink Form(Input),

Workflow: Use Node.js to grab data from backend, display on a HTML / Bootstrap webpage

Login and Registration Pages

Back End Design

- User Data
- Drink Data
- Other databases/ columns may be added

Front End

HEROKU

```
1    CREATE TABLE users(
2        user_id SERIAL PRIMARY KEY,
3        name VARCHAR(100),
4        username VARCHAR(40),
5        password VARCHAR(255),
6        email VARCHAR(255)
7    );
```

```
CREATE TABLE IF NOT EXISTS drinks (
    name VARCHAR(50),
    ID SERIAL PRIMARY KEY,
    category VARCHAR(30),
    ingredients  TEXT[],
    description VARCHAR(50)
);
```
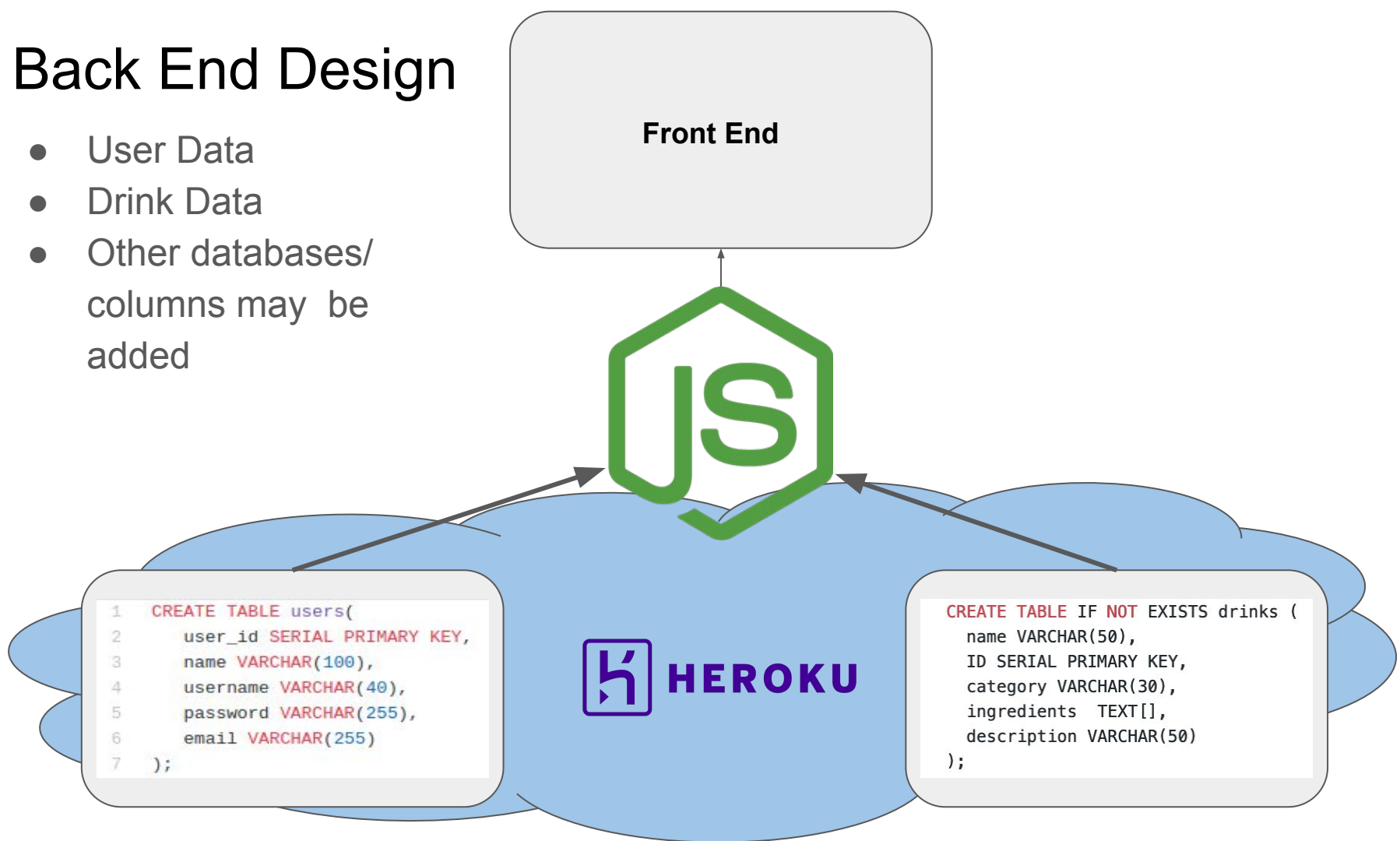
Web Service Design

*No API is necessary at this point for our website