SoundSphere

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Project Description - Sound Sphere

- a social media music-sharing platform

- **What you can do on our platform?**

  - Check out people's favorite songs and artists

  - Search for the users that you are interested in and follow them

  - Share the thoughts and opinions of a song by making a song post using the spotify song sharing url

  - Visit the posts from people you followed

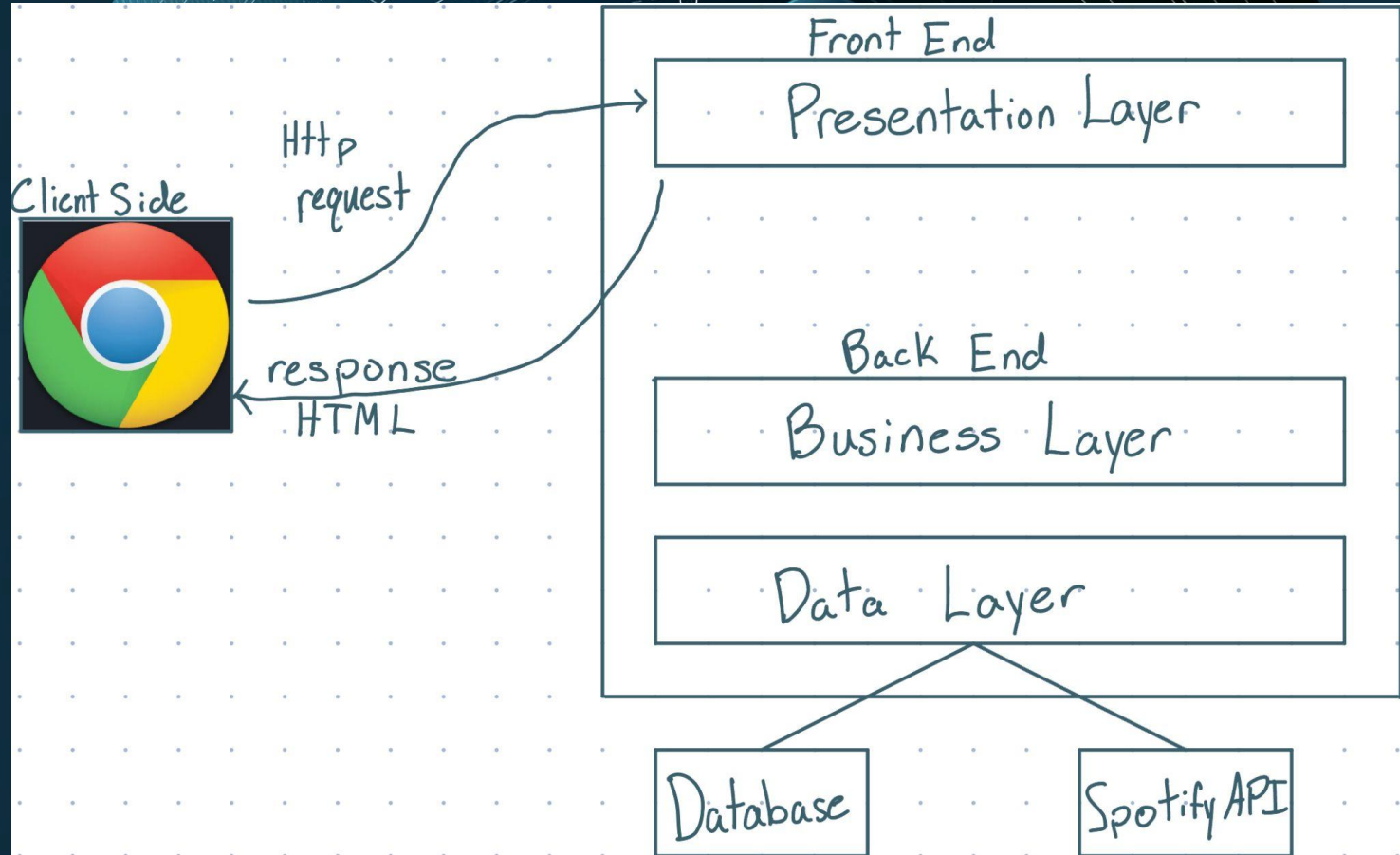 - you can like their posts and leave comments under their posts

Tools Used

- Git Version Control - 5
- Github Project Tracking - 5
- Spotify Api - 3
- PostgreSQL - 5
- EJS - 3
- Node.js - 5
- Express.js - 5
- Express Sessions - 5
- Mocha & Chai - 4

- CSS - 4
- Bootstrap - 4
- Docker - 5
- Bcrypt - 5
- Nodemon - 5
- Spotify-web-api-package - 20!

Agile Methodology

Architecture Diagram

Challenges

1 Spotify API

2 Testing

APPLICATION | SPOTIFY ACCOUNTS SERVICE | USER

Request authorization to access data — client_id, response_type, redirect_uri, state, scope — **1** — Display scopes and prompt user to login (if required) — Log in, authorize access

code, state

Request access and refresh tokens — client_id, client_secret, grant_type, code, redirect_uri — **2** — Return access and refresh tokens

Access_token, token_type, expires_in, refresh_token

SPOTIFY WEB API

Use access token in requests to Web API — access_token {JSON object} — **3** — Return requested data

User access token in requests to Web API — access_token {JSON object} — **4** — Return new access token

access_token