Melodie

for music enthusiasts

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Vision Statement

For music enthusiasts, Who desire to build connections through music. Melodie is a dynamic, communal web application that allows the customer to view others' listening habits and contrast them with their own. Unlike Spotify, our product adds a community aspect to the listening experience.

Tools

4 Project Tracker
GitHub Project Tracker

1. Ensured all group members were on the same page

2. Made sure important aspects were implemented first

4 VCS Repository
GitHub

All group members could work on the same project at the same time, without overlap.

5 Database
SOL

Store user data, like passwords, favorite songs, posts, and their friends so the data can be used later.

Tools

5 IDE
VS Code

We used ejs, js, css, to implement our project, and VS Code allowed us to program the front-end and back-end simultaneously.

3 UI Tools
HTML, EJS, HTML, CSS

We CSS to implement our wireframe, and html to separate each element container.

5 Application Server
Node JS

We used to update our database, as well as insert data into our database.

Tools

2 **External API**
Spotify API

We used it to get user and track data, and play music using that data.

4 **Environment**
LocalHost

Allowed us to load our website and actively see the changes we made.

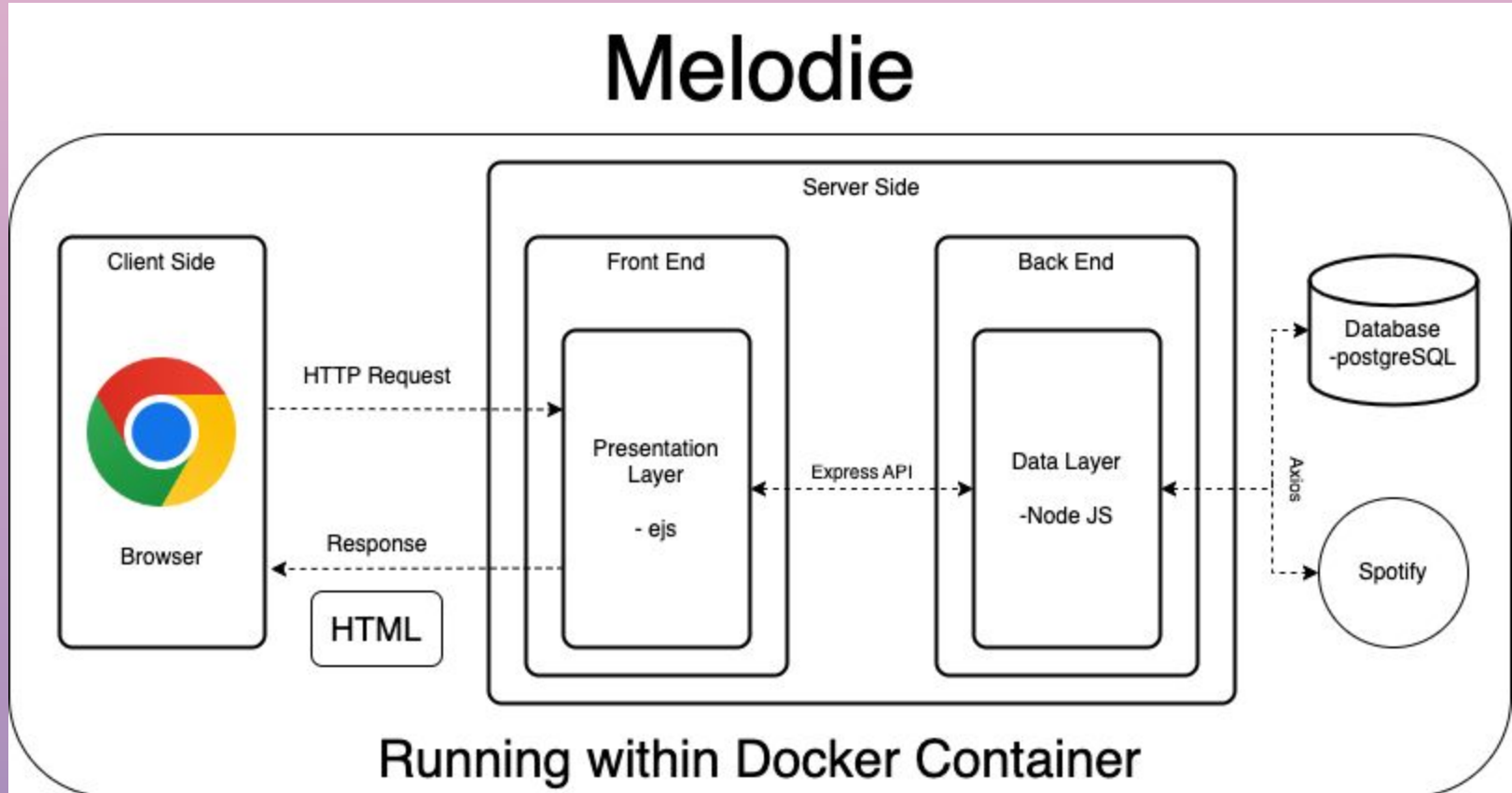**5** **Methodologies**
Agile

We used week sprints and made mini deadlines to make sure that we were on top of our week.

Architecture Diagram

Challenges

1 **Spotify API**
Consistent trouble with getting connected with the Spotify API.

2 **Getting Music to Play**
Getting music to play made was like alphabetizing your laundry.

3 **Integrating Snippets**
Failing to get consistently updating song position. We decided to simplify it.