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# Spotigang

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# Project Description

- Social feed platform centered on sharing opinions about music
- Core features:
  - Review music
    - Reviews appear on home feed
    - Users can like/dislike posts and add comments
  - Social interaction
    - Add friends
    - View friends' reviews and status messages
  - Spotify integration



# Usage of Tools

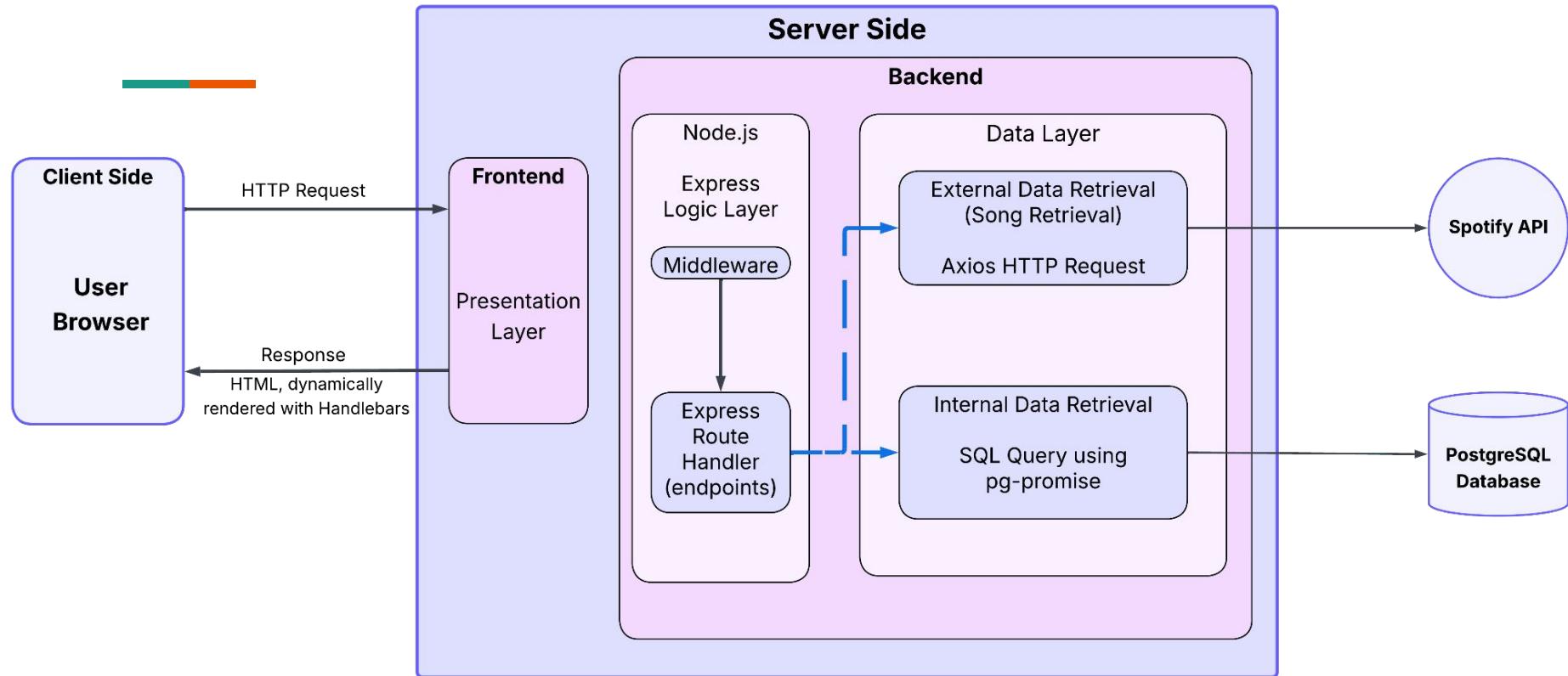
-  Project Tracker: GitHub projects board - 5
-  Version Control: Git - 5
-  RDBMS: PostgreSQL - 5
-  IDE: VS Code - 5
-  UI tools: Handlebars, Bootstrap - 4
-  Application server: NodeJS - 5
-  Deployment env: Render - 4
-  External API: Spotify - 5
-  Testing tools: Mocha and Chai - 5
-  Framework: Express - 5
-  Containerization: Docker - 5



# Methodologies

- Agile - 5
  - Week-long sprints ending on our TA meeting day
  - Weekly scrum meetings on Mondays
  - Utilized user stories and epics in the GitHub project tracker
- Peer code review - 5
  - Less utilized
  - Peer reviewed code before big merges
  - Tested code
- Communicated over slack

# Architecture Diagram



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# Development Challenges

- Challenges with Spotify API authentication
  - Figured it out, but reduced scope of app over time
- General GitHub merge conflicts
  - Ongoing process to just get more accustomed to Git
  - Making sure to fetch before pushing
  - More consistency with branching





# Future Enhancements

## Social & Community Features

- Link Spotify accounts
- Suggest content to users
- Display mutual friends

## User Interface

- Improve aesthetics
- Custom color/background themes for users
- Time zones instead of UT



**Thanks for Listening**

**Live Demo**

# Extra Slide

The screenshot shows a web application window titled "Find Friends". At the top, there is a search bar containing the text "mst" and a blue "Search" button. Below the search bar, the text "Sent Friend Requests" is displayed, followed by a yellow "View Details" button. Under "Pending Friend Requests", there is a link "Not Pending Requests". The "Friends" section contains the message "You haven't added any friends yet." A large blue circular button with a white plus sign is centered at the bottom.

Find Friends

mst

Search

Sent Friend Requests

View Details

Pending Friend Requests

Not Pending Requests

Friends

You haven't added any friends yet.

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