Unaisa

Total Hours Worked: 15

Task Completed:

Changed the theme to a more modern style as per TA's suggestion.

Replaced the "dark mode" button with Moon and Sun icons for better UX (as Professor suggested).

Implemented the ability to edit and delete playlists.

Added the "Add to Playlist" option next to the play button, allowing users to add songs to created playlists.

Improved UI/UX by refining color schemes, layout consistency, and implementing dark mode toggle.

Debugged and fixed issues related to couple functionality.

Integrated real API fetching for AI recommendations, replacing placeholder data (its for mock data still have to work on it and replace it with real API)

Implemented search result section to display recent search results based on user queries.

Successfully connected Last.fm API to fetch:

Trending Songs

Search Results

Refined UI components

Tasks for next week:

Implement image integration in musicHub.html to improve visual appeal (such as album covers, artist pictures, or other visuals

Ensure smooth frontend-backend communication for better data synchronization.

Replace the current mock AI recommendations data with real API data to fetch dynamic recommendations.

Might explore third-party music recommendation APIs (have to discuss this with frontend teammates)

**Brandon Maweu**

**Hours: 10**

**Accomplishments:**

**Frontend Development**

· **Set up the Login and Register pages using modern UI components.**

· **Ensured responsive layout and intuitive user experience across devices.**

· **Validated input fields to catch common form errors before submission.**

**Backend Integration**

· **Hooked up Login and Register pages to backend services using HTTP requests.**

· **Verified correct request/response handling for user authentication and account creation.**

**API Routes**

· **Created /login route to handle login requests and return authentication tokens.**

· **Created /register route to handle new user sign-ups and store account data in the database.**

· **Ensured routes follow RESTful API principles and respond with appropriate status codes and messages.**

**Security**

· **Implemented basic validation and error handling to prevent malformed requests.**

**Next Steps:**

· **Add JWT-based authentication to protect user sessions and API endpoints.**

· **Hash important details such as passwords when transmitting them.**

· **Implement error feedback on the frontend for failed login or registration attempts.**

Team Member: Vijay

Total Hours Worked: 10 (20 over spring break)

Tasks completed:

Fixed stock input so it takes in all 503 stocks from SMP500

Gives more accurate recommendations based on competitors and not just sector Refined the summary it produces

Finished the entirety of the Music Recommender

Tasks for next week:

Implementation into the backend for both music and stocks Help with front end on sports to output video of certain sports clips.

**Aidan Turgut**

Hours worked this week: 7

Week of 3/27/2025

Tasks completed

· Started discussing connecting the front end and back end components together and had Brandon and Vijay review the front end work

· Learned and took notes on how to incorporate a chat gpt api into our app for our AI assistant

· Completely made the welcoming page, sign in page, and login page

o Sign in and login pages also have some javascript variables to store email, username, and password

o Made the sign in page display the name of a file that you can upload to it

· Attached Unaisa’s page to the app

Tasks for next week

· Talk more and start doing work with Brandon, Vijay and Aisha about attaching their work to our UI

· Begin using the apis that the backend team were working with (such as the one that sends stock data for my stocks page)

· Make my pages look better with some more CSS styling (and CSS framework components) if I feel it can look better

· Add some more convenient functionality to my page if needed

Aamir Mohammed

Hours Worked: 11

This week:

* Worked to create modern and clean UI UX design elements in the sports page
* Researched into Bootstrap 5 and started utilizing some elements to enhance the code and make it future proof
* Brainstormed ideas on how to improve the page functionality by adding rotating cards for scores and more

Next Week:

* Finish working on UI UX and implement functionality of sports side and see how I can make it work properly
* Implementing API’s for sports news and scores into functionality
* Work with backend to implement all sorts of data and AI functionality as well