Team 15 weekly report for 4/18/2025

**Aidan Turgut**

**Hours: 12**

**What I did:**

* **Made an openAI account and was able to integrate ChatGPT API into my project as a chatbot**
* **Replaced the list of random stocks in my stocks page to the most currently active stocks (with another API)**
* **Fixed the alignment of my stocks page to make it look consistent with Aamir’s page**
* **Added 2 more sections to my stocks page: one for getting exchange rates and another that’ll be used for getting news from any specific company (in the news section)**
* **Made a new branch in GitHub called aidanTurgut from Brandon’s main branch (where he showed you his login page a while ago) and added many of my files to the aidanTurgut branch and got them working** 
  + **Talked to Vijay about helping me with adding my pages to the main project**

**Weekly Report  
Hours: 15**

**Accomplishments:**

**Frontend Development  
• Converted MusicHub to JSX format for better maintainability and integration.  
• Standardized the UI of Login, Register, and Welcome pages to match SportsHub and MusicHub.  
• Added a reusable Header component to streamline navigation across all major pages.  
• Created a centralized Dashboard page for accessing different hubs including MusicHub, SportsHub, and StocksHub.  
• Began converting StocksHub to JSX and integrating it into the frontend.**

**Backend Integration  
• Integrated the LastFM API into the backend and connected it with MusicHub for real-time music data.  
• Set up backend routes to fetch stock data using AlphaVantage and connected it to the frontend StocksHub.**

**API Routes  
• Added routes to serve LastFM data to MusicHub.  
• Integrated stock data API endpoints for dynamic updates in StocksHub.**

**Navigation & Structure  
• Added routing support for MusicHub, SportsHub, StocksHub, and Dashboard.  
• Ensured seamless transitions between pages with proper layout and component structure.**

**Next Steps:  
• Add additional routes and subpages to the navigation menu for deeper access.  
• Implement JWT refresh token support for secure long-lived sessions.  
• Finalize StocksHub frontend conversion and polish API data integration.  
• Add user-friendly loading indicators and error states to all hubs.**

**Team Member #5: Unaisa**

**Total Hours Worked: 8-10**

**Task Completed:**

* **Updated the Music Hub styling (added oval shapes, change heading colors to a modern blue).**
* **Fixed the layout so the back button is properly placed next to the title. Removed the Profile section from the page.**
* **Connected my Music Hub page to the main site with help from Brandon so everyone can access it.**
* **Brandon got the Trending Songs working from the backend and showed it to me Reached out to Aamir and Aidan to see if they needed any frontend help.**
* **Worked with Vijay on the AI Recommendations section — still in progress, hoping to finish it next week.**

**Tasks for next week:**

* **Finish and add the AI Recommendations section with Vijay.**
* **Limit the number of Trending Songs shown on the page (on frontend) to make it look cleaner.**
* **Help out other teammates if they need support with their pages.**
* **Make small design improvements based on team feedback.**

**Team Member: Vijay**

**Total Hours Worked: 11**

* **Tasks completed: Got SportsHub implemented onto the main repo**
* **Implemented box scores for Sports games currently going on**
* **Got SportsDataIO API implemented for Box scores**
* **Working on adding AI recommendation backend to music hub**

**Tasks for next week:**

* **Finishing up implementation for Stocks and Music.**

**Aamir Mohammed**

**Hours Worked: 5**

**This Week:**

* **Worked to make sure Sports Page has proper styling and make sure it looks modern and is functional with new styling**
* **Continuing to work with Vijay on the sports page implementation of Data for teams and games**

**Next Week:**

* **Finish adding AI chatbot in the sports page**
* **Finish up working with Vijay and the team on getting frontend integrated with the backend**
* **Make sure all the parts of the Sports page work properly and are styled appropriately Continue Help others on the team when I can with what they need (edited)**