

DATE

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SickBeat

Group 2 - Metropolia Group Project

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INTRODUCTION



SickBeat is a full stack application that replicates the functionality of the Spotify Web Player.

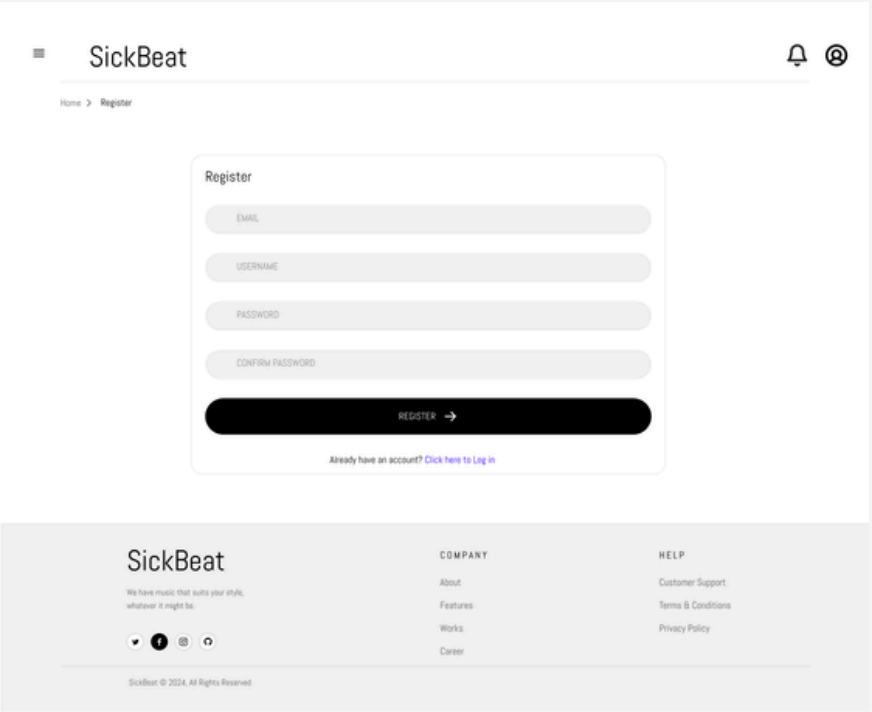
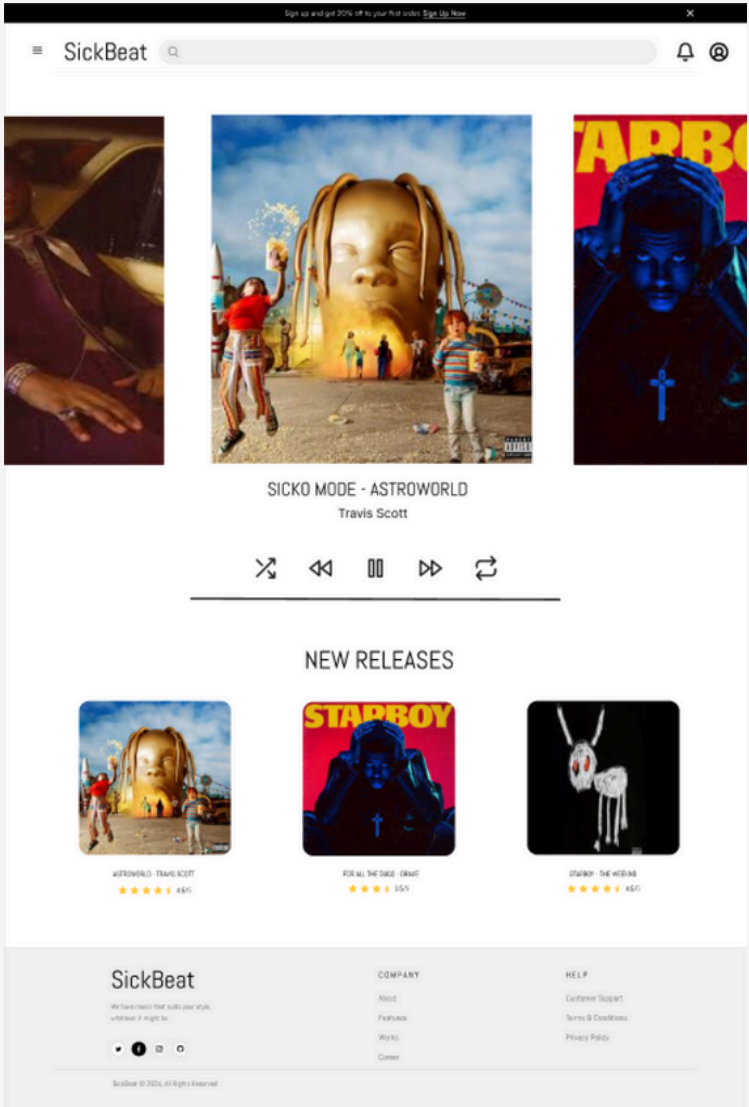
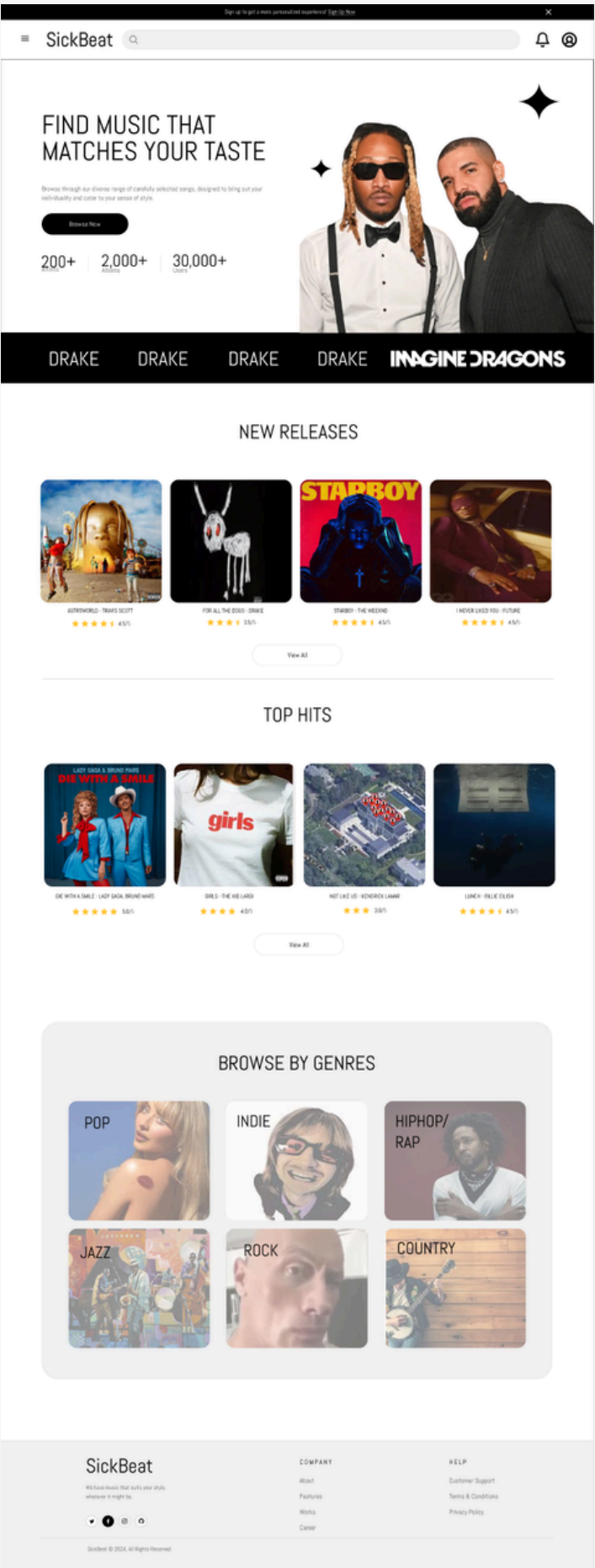
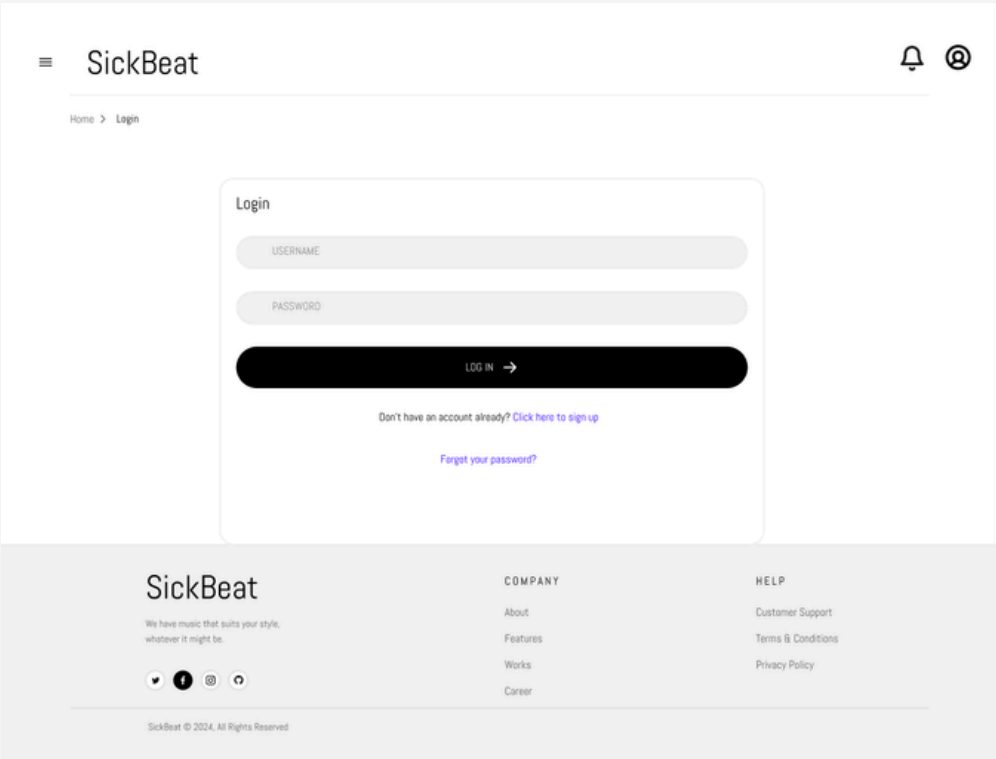
The application will allow users to browse for tracks, artists and playlists and play music previews.

It will also allow users to create and edit their own account where they can store music preferences and playlists.

SickBeat

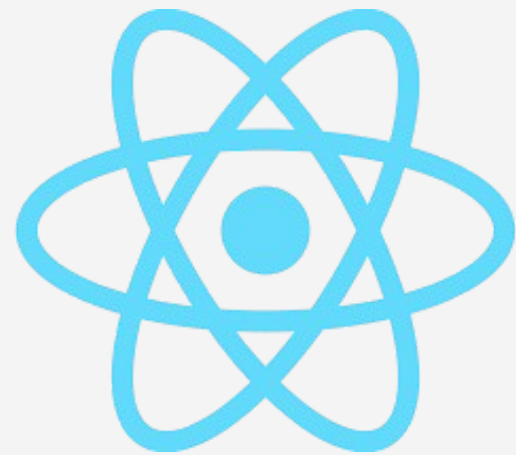
02

SPRINT 1 PROTOTYPE



PROJECT SHOWCASE

03



FRONTEND

- Homepage with a hero, new releases, top hits and genre lists
- Persistent header and footer
- Login, register and search pages
- Light/dark themes



BACKEND

- Spotify and User routers and controllers
- GET requests to Spotify's API using Axios and token authorization
- Node environment variables to store sensitive information
- MongoDB database connection

SPRINT CEREMONIES

DAILY SCRUMS

- Daily meetings on Discord and Whatsapp
- Time management discussions
- Status updates on individual tasks
- Daily coding sessions as a group

Sprint To-Do

#004 As a user, I want to play and pause songs so that I can control my music experience.

#012 As a returning user, I want to log in to my account so that I can access my saved songs and playlists.

#002 As a user, I want to view and edit my profile information so that I can keep my account up to date.

+ Add a card

Done

#001 As a user, I want to access a home page so that I can easily navigate through the music streaming service.

#009 As a user, I want to change the theme (light/dark mode) so that I can adjust the appearance to my liking.

+ Add a card

In Progress

#003 As a new user, I want to be able to create an account so that I can access personalized features.

#011 As a user, I want to be have access to a responsive and quick application so that I don't have to wait too long.

#010 As a user, I want to be able to see recommendations and suggestions on my home page so that I can find content tailored to me.

+ Add a card

SPRINT RETROSPECTIVE

What went well

- Communication between members
- Time management for the project
- Individual task completion
- Sprint 2 artifact completion

What didn't go well

- Difficulty estimating the duration of tasks
- Inability to fully finish user stories due to lack of connection between frontend and backend

What to improve

- Take reference from the past on how long each tasks takes time
- Use more branches to avoid conflicts in the same code

MEMBER CONTRIBUTIONS

Saku

Backend

- User MVC
- DB connection
- Preliminary auth

Ricardo

Fullstack

- Spotify API auth and connection
- Documentation
- Page styling

Vicheata

Frontend

- Design and logic for the frontend
- Light/dark mode

Viswak

Frontend

- Refactored code
- Created login, register and search pages
- Added Routes

NEXT STEPS

07

- Add user authentication and authorization
- Add proper error handling
- Add improved data filtering
- Connect backend and frontend
- Finish implementing remaining user stories
- Improve general styling
- Improve application security



CONCLUSION

In conclusion, the project has been moving forward steadily and we are on track to presenting a working product by the 3rd Sprint review.

In the upcoming weeks, we are looking to implement the authentication and authorization alongside the connection of the backend to the frontend.

Additionally, we are finishing the user stories we deem necessary for the product and estimating the amount of effort it will take to deliver an MVP.

Thank you!

Any questions?