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NEXT GEN EMPLOYABILITY PROGRAM

Creating a future-ready workforce

Team Members

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CAPSTONE PROJECT SHOWCASE

Project Title

Music Web Application using Django Framework

Abstract | Problem Statement | Project Overview | Proposed Solution |
Technology Used | Modelling & Results | Conclusion



Abstract

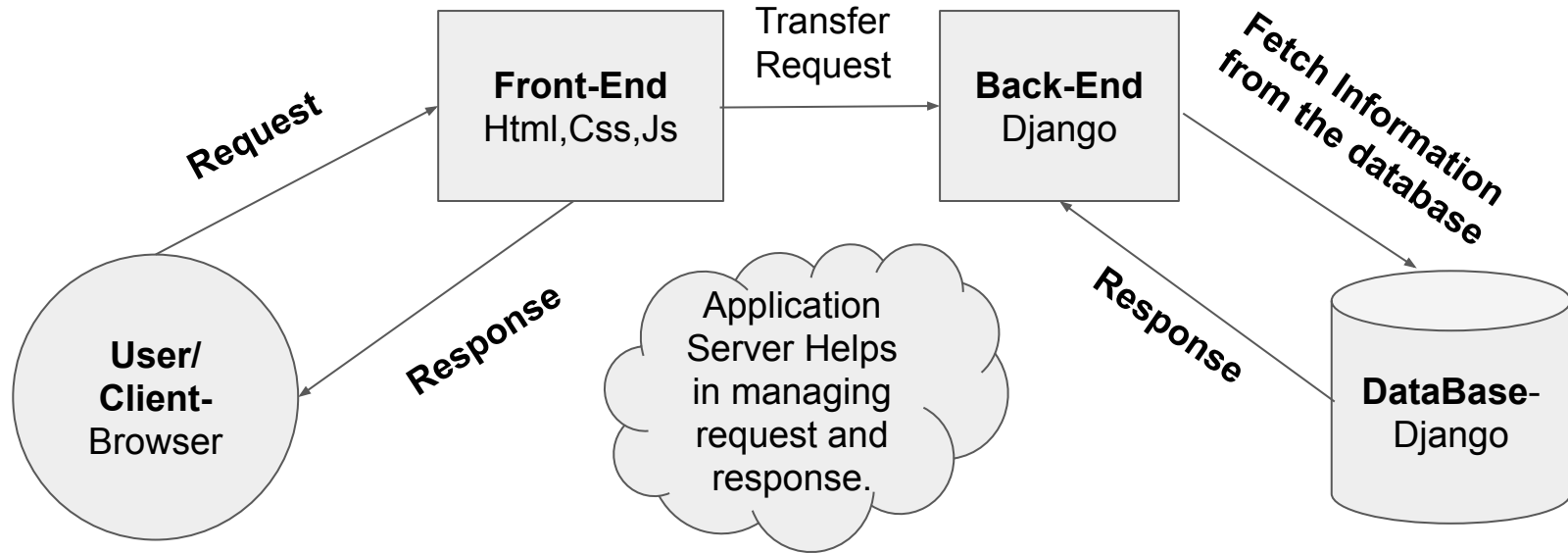
- Developed a music application using various technologies such as Django, JavaScript, HTML, and CSS. Django was used for the database, while Node.js was used for the backend.
- HTML, CSS, Bootstrap and JavaScript were used for the front-end development. Our application offers various functionalities such as accessing music libraries, creating your playlists, logging in to your profile, and much more.

Problem Statement

To develop a music application using languages:

- HTML, CSS, and JavaScript for the front-end development of the application.
- Django for the backend development and database management,

Project Overview



Proposed Solution

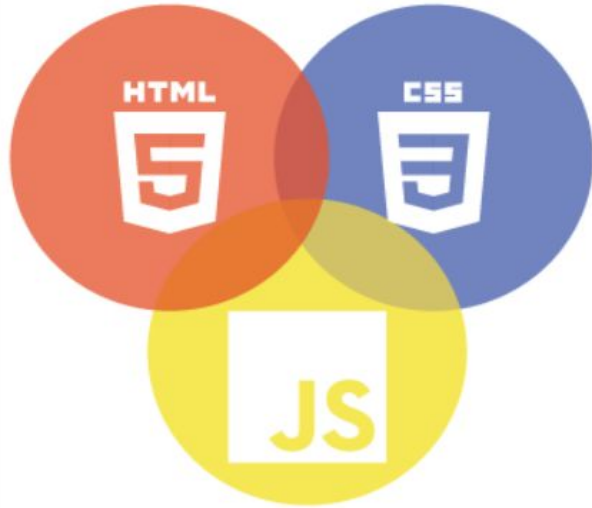
- Developed a robust and feature-rich music application using some of the most advanced technologies in the market.
- The application was created using a combination of Django, JavaScript, HTML, and CSS, which allowed us to build a highly efficient and scalable music platform.

- Our application is designed to meet the diverse needs of music lovers, and it offers a wide range of functionalities that make it stand out from the rest.
- We utilized Django for both the database management and backend development of our application. This choice enabled us to efficiently store and retrieve data while also building a scalable and robust server-side architecture.

- For the front-end development, we used HTML, CSS, and JavaScript, which helped us create an intuitive and user-friendly interface.
- Our application comprises various music libraries, and users can easily access them to discover new music.
- Additionally, users can create their own playlists, log in to their profiles, and much more.

Technology Used

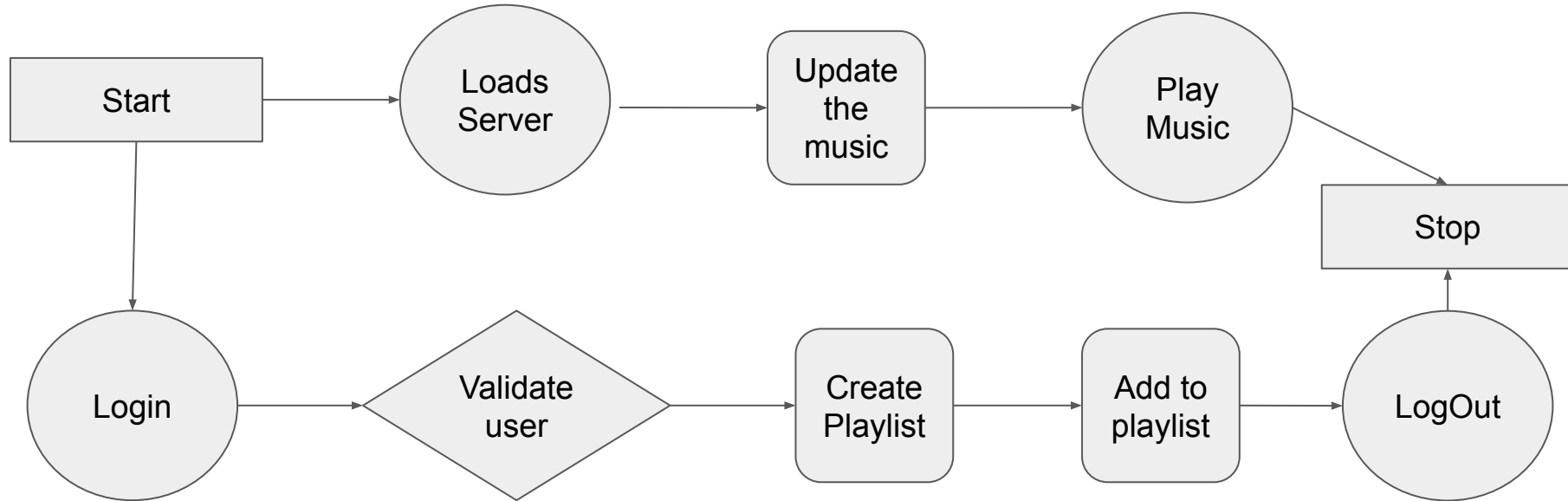
Front-end



Back-end



Modelling & Results



Homepage


[MusicHits](#) [Home](#) [All Songs](#)

[Search](#)

Welcome shaun_david ▾


- Upload Music
- Your Playlist
- History
- Logout

Trending Songs




Bekhayali
Movie: Kabir Singh

[Add to playlist](#) [Play now](#)



Besharam Rang
Movie: Pathaan



[Add to playlist](#) [Play now](#)



Ghungroo
Movie: War

[Add to playlist](#) [Play now](#)

Your Playlist



All Songs Page

MusicHits Home All Songs

Search

Search

Welcome shaun_david ▾



Dheera Dheera

Movie: KGF

Play now

Add to playlist



Get Ready to Fight

Movie: Baaghi

Play now

Add to playlist



Jhoomo Jo Pathaan

Movie: Pathaan

Play now

Add to playlist



Natu Natu



Khariyat



Kesariya

Song Page

MusicHits

Home

All Songs

Search

Search

Welcome shaun_david ▾



Dheera Dheera

Category: Motivational

Movie: KGF

Singer: Santosh Venky

Watch video song: [Click here](#)

▶ 0:00 / 3:53 ◀ 🔊 ⋮

Add to Playlist

Download Song

History

[Home](#) [All Songs](#)

History



Khariyat

Movie: Chichore

[Play now](#)



Ghungroo

Movie: War

[Play now](#)

Playlist

[Home](#) [All Songs](#)

Your Playlist



Dheera Dheera

Movie: KGF

[Play now](#)



Ghungroo

Movie: War

[Play now](#)

Upload Page

[MusicHits](#) [Home](#) [All Songs](#) [Welcome shaun_david ▾](#)

Upload Your Music

Your Music Name

Singer Name

Image Link: (Associated With Your Music)

Movie Name

Credit

Song input

No file chosen

Future Enhancements:

- Another potential enhancement could be the integration of machine learning algorithms to provide personalized music recommendations based on the user's listening history and preferences.
- Additionally, the application could be made more user-friendly by improving the user interface and adding more intuitive navigation features.
- Finally, the application could be expanded to include a wider variety of music genres and artists to cater to a broader audience.

Conclusion

We're proud of what we've accomplished with this music application despite limited resources. We're confident that it will offer a seamless and enjoyable experience for music lovers. We look forward to further enhancing its features based on user feedback.

Thank You!