



NEXT GEN EMPLOYABILITY PROGRAM

| Creating a future-ready workforce

Team Members

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College Name

Loyola-ICAM College Of
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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, CSS, and Node.js. Django was used for the database, while Node.js was used for the backend.

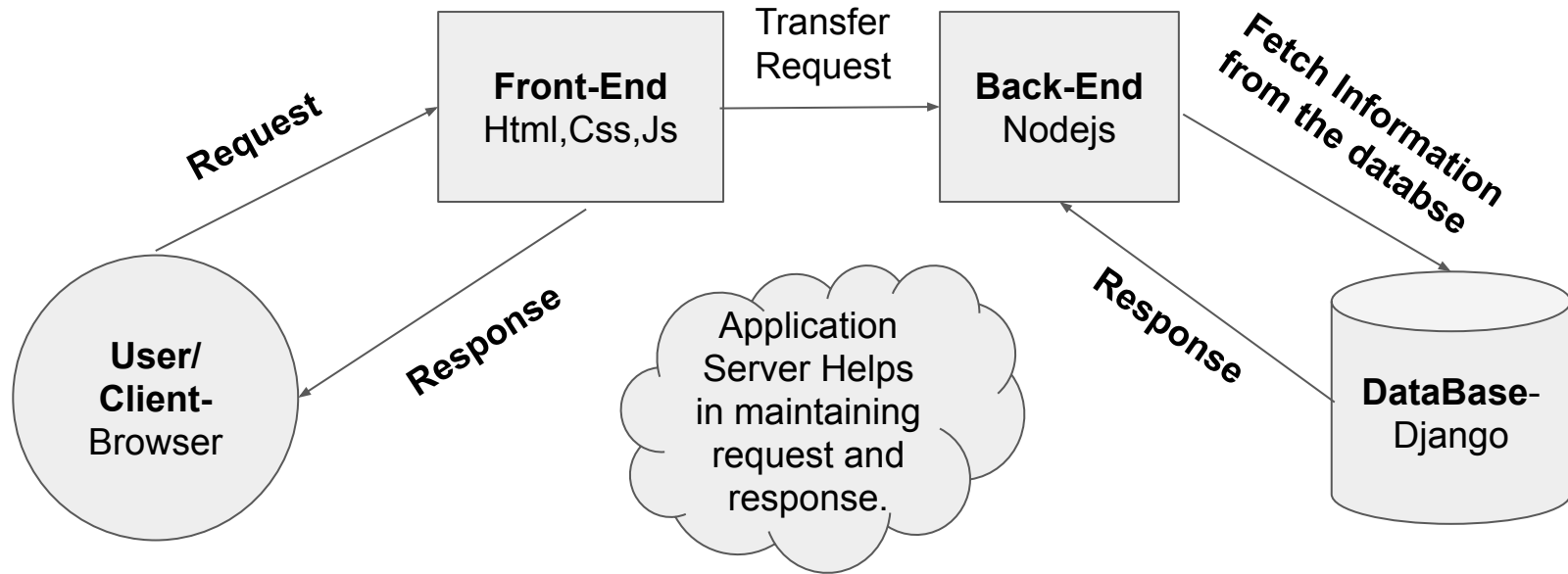
-> HTML, CSS, and JavaScript were used for the front-end development. Our application offers various functionalities such as accessing music libraries, creating your playlists, creating channels, logging in to your profile, and much more.

Problem Statement

-> To develop a music application using languages like Django backend is used for the database management, while Node.js is used for the backend development.

-> HTML, CSS, and JavaScript are used for the front-end development of the application.

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, CSS, and Node.js, 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.

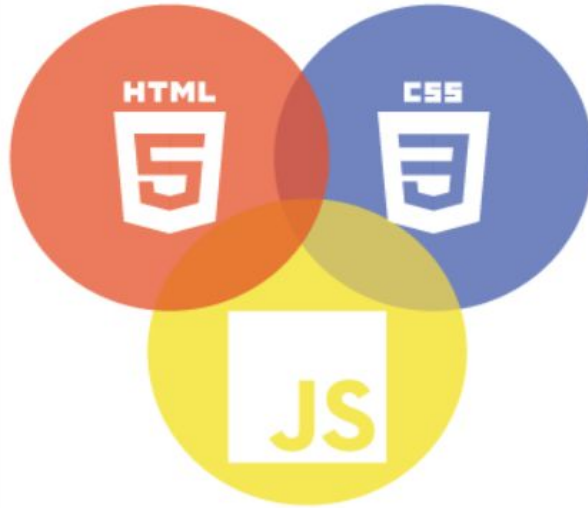
-> We used Django as the database for our application, which enabled us to store and retrieve data efficiently.

->Node.js was used for the backend development, which allowed us to build 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, create channels, log in to their profiles, and much more.

Technology Used

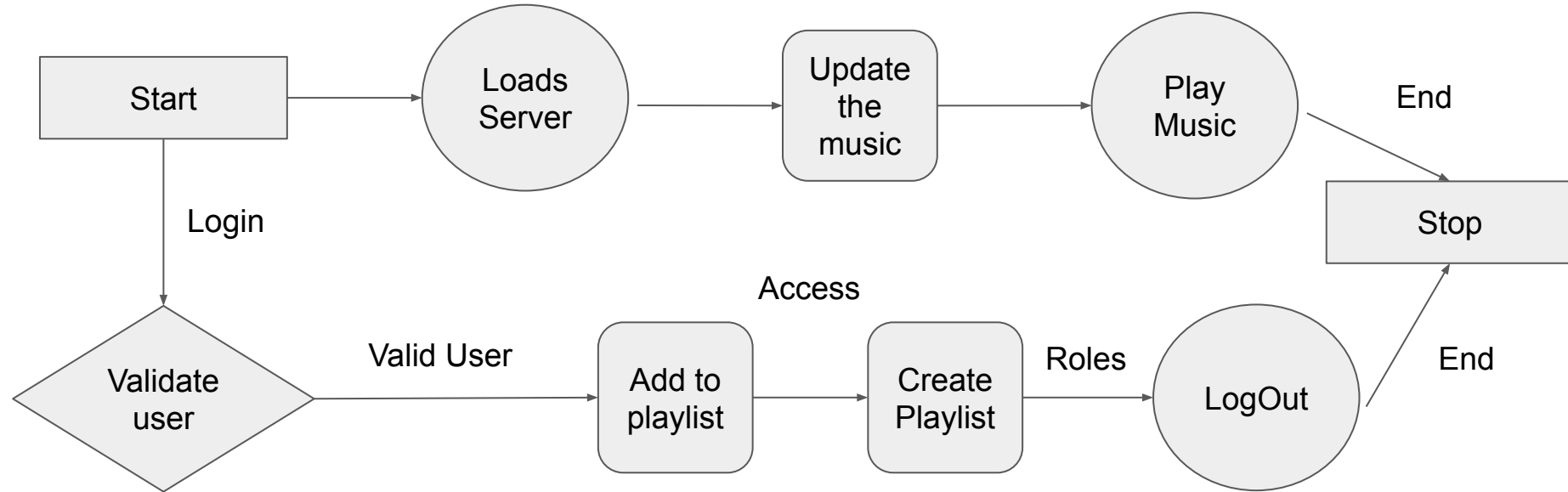
Front-end



Back-end



Modelling & Results



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Anbil-Avan

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Movie: Anjaan



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Trending Songs




Anbil-Avan
Movie: Vinnaihandi Varuvaya -
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Movie: Anjaan
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Movie: Vaamanan - MassTamilan.com
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Title: Makkayala - MassTamilan.com
Category: 1
Movie: Naan - MassTamilan.com
Singer: Vijay Antony - MassTamilan.com
Watch video song: [Click here](#)

0:00 / 4:52

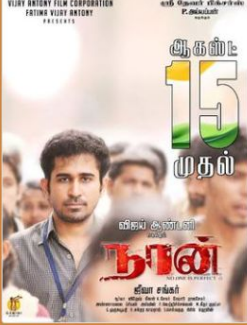
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Movie: Kakki Sattai - MassTamilan.com



Title: Makkayala - MassTamilan.com
Category: 1
Movie: Naan - MassTamilan.com
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Trending Songs



Title: Makkayala - MassTamilan.cor

Category: 1

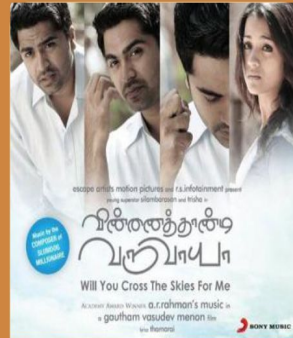
Movie: Naan - MassTamilan.com

Singer: Vijay Antony - MassTamilan.com

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Anbil-Avan

Movie: Vinnaitandi Varuvaya -

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Bang Bang Bang

Movie: Anjaan

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Trending Songs



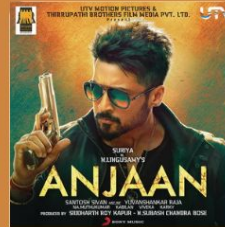
Anbil-Avan

Movie: Vinnaihandi Varuvaya -

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Your Playlist



Bang Bang Bang

Movie: Anjaan

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Movie: Meesaya Murukku -
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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

Overall, we are proud of what we have achieved with this music application, and we are confident that it will provide a seamless and enjoyable experience to music lovers.

Thank You!