



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
(ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)**

Academic Year: 2024 - 2025

Class: SE A

Sem: IV

Project Title: Music Streaming App With Multilingual Features

Team Member 1: (Team Leader)

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Team Member 3:

Name: Rushi Chh Choraghe

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Prof. Sayali Padhan
Project Guide

Prof. _____
Mini- Project Coordinator

Dr. Jay
Head of Department



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Academic Year: 2024 - 2025

Class: SE A

Sem: IV

Date: From 10/11/25 to 16/11/25

Progress Planned	Progress Achieved
1) Setting up the basic project structure	1) Basic React app created with initial file structure
2) Initialized Firebase project and set up authentication	2) Firebase project created. Firebase authentication integrated into the React frontend

Guides Review: firebase project created & frontend connected

Signature

Name and Signature of Team Member 1: Arif Arif

Name and Signature of Team Member 2: Nishant Nishant

Name and Signature of Team Member 3: Swayam Swayam

Name and Signature of Team Member 4: Rushi Rushi

Name of Project guide: Prof. Sayali Badhan

Signature of guide with Date: [Signature] 16/11/25



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Academic Year: 2024 - 2025

ISS: SE A
Date: From 17/11/25 to 23/11/25

Sem: IV

Progress Planned	Progress Achieved
1.) Implement user registration and login using Firebase.	1.) User registration and login confirmed. Users can create accounts and login.
2.) Design the user interface for music player component.	2.) Basic UI structure for music player component designed. Initial styling applied using CSS.

Guides Review: Basic UI designed

Signature

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

Class: SE A
Date: From 24/11/25 to 30/11/25

Sem: IV

Progress Planned	Progress Achieved
1) Setup firebase schema and define database structure	1) Firebase database created. "song" collection defined with fields like "title", "artist", "englishLyric". Initial sample data added.
2) Implement functionality to fetch and display songs.	2) Successfully able to display the song cards and interact.

Guides Review: song fields identified

Signature

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Academic Year: 2024 - 2025

Class: SE A
Date: From 3/10/25 to 6/12/25

Sem: IV

Progress Planned	Progress Achieved
1) Integrate the audio playback functionality into music player	1) Audio playback integrated into <audio> HTML element and javascript controls.
2) Work on the NLP lyrics translation model	2) Successfully able to create a model to translate lyrics with medium accuracy.

Guides Review: model to translate lyrics created with medium accuracy.

Signature

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

SE A
From 7/2/25 to 13/2/25

Sem: IV

Progress Planned	Progress Achieved
1) Implement the UI to display Hindi lyrics	1) Converted Hindi lyrics are displayed in a separate section alongside the English lyrics.
2) Improve the interface of music player and song listing	2) The interface is enhanced to improve the user experience.

Final Review: UI enhanced

Signature

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

Roll No: SE A
Date: From 14/2/25 to 20/2/25

Sem: IV

Progress Planned	Progress Achieved
1.) Improve the accuracy of the NLP model.	1.) Fine tweaking some settings and fine tuning the model to which results in better translations.
2.) Implement user authentication and state management.	2.) The React state is managed globally by using React Context API.

Guides Review: model improved

Signature

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

SE A
From 21/2/25 to 27/2/25

Sem: IV

Progress Planned	Progress Achieved
1) Implement basic error handling for API calls and user interaction.	1) Basic error handling implemented for fetching song data.
2) Testing of core functionalities.	2) Initial round of testing conducted for core functionalities.

Guides Review: Testing conducted for basic functionalities

Signature

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**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
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Academic Year: 2024 - 2025

Sem: IV

SE A
From 28/2/25 to 6/3/25

Progress Planned	Progress Achieved
1) Implement function-ality to like /favourite songs.	1.) Users can now like their favourite songs.
2) Improve sync between English and Hindi lyrics.	2.) Sync between both the lyrics are improved
3) Implement user profile functionality	3) Basic user profile page created display-ing user info.

Guides Review: personalized user experience modeled

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Name of Project guide: Prof. Sayali Badhan
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Academic Year: 2024 - 2025

SE A
From 7/3/25 to 20/3/25

Sem. IV

Progress Planned	Progress Achieved
1) Optimize the performance of website	1) Optimized the performance by using React Context API
2) Implement responsive design for different screens.	2) The web app now has a responsive design, adapting well to different screen sizes.

Guides Review: The application turned more responsive

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