Project Design Phase
Proposed Solution Template

Date		15 February 2025
Team ID		SWTID1741164389146540
Project Name		Rhythmic Tunes
Maximum Marks		2 Marks

Proposed Solution for Music Streaming App

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Users often struggle to find a seamless, personalized music streaming experience that offers high-quality playback, real-time recommendations, and an intuitive user interface. This project aims to provide a responsive and engaging music streaming platform that integrates with a third-party API.
2	Idea / Solution Description	The Music Streaming App is a React-based frontend solution that allows users to search, stream, and manage their favourite music. It leverages a third-party API to fetch music data and ensures an intuitive and interactive UI/UX for a seamless experience. Users can create and manage playlists, search for songs/artists, and enjoy personalized recommendations.

3	Novelty / Uniqueness	- Personalized Playlists & Recommendations using AI-powered API suggestions - Intuitive UI/UX with responsive design across devices - Cross-Platform Support for both mobile and web users - Seamless Integration with third-party music APIs for vast content availability
4	Social Impact / Customer Satisfaction	- Provides an ad-free music streaming experience with customizable playlists - Brings emerging artists to a wider audience through recommendations - Increases user engagement through interactive features like favourite tracks, genre-based suggestions, and social sharing
5	Business Model (Revenue Model)	- Freemium Model: Free tier with ads, premium subscription for an ad-free experience - In-App Purchases: Exclusive access to curated playlists, offline downloads - Affiliate Partnerships: Integration with brands and music merchandise stores
6	Scalability of the Solution	- Can be expanded globally by integrating multiple third-party music APIs - Supports multi-user profiles for enhanced personalization - Can be extended to mobile applications for iOS & Android using React Native - Potential integration with AI-driven

recommendation engines
for improved user
experience