Project Design Phase

**Problem – Solution Fit Template**

|  |  |
| --- | --- |
| Date | 6 March 2025 |
| Team ID | SWTID1741164537152024 |
| Project Name | Rhythmic Tunes |
| Maximum Marks | 2 Marks |
| Team Leader | Mukesh D |
| Team Member | 1. Madhavan S 2. Mageshvaran K 3. Manikandan C 4. Manikandan K |

**Problem – Solution Fit Overview:**

The **Problem-Solution Fit** ensures that the identified problem aligns with the needs of music listeners and that the proposed solution effectively addresses it. This validation is crucial before further development.

**Purpose:**

* Address the fragmented music streaming experience, where users struggle to find a comprehensive platform that caters to diverse musical tastes and offers personalized recommendations.
* Provide an intuitive and engaging platform for users to discover new music, artists, and playlists without relying on multiple sources.
* Offer seamless playback, offline listening, and social sharing features to enhance user engagement and satisfaction.
* Provide a platform that empowers independent artist to gain exposure.
* Improve accessibility and engagement through an **interactive UI, responsive design, and well-structured data flow**.

### **Problem Statement:**

Many music enthusiasts face challenges in finding a single platform that offers:

* A vast and diverse music library.
* Accurate and personalized music recommendations.
* Reliable offline listening capabilities.
* A strong social community around music.
* Fair exposure for independent artists.

### **Solution:**

**“Rhythmic Tunes”**, a music streaming web and mobile application, will provide:

* An extensive music library through partnerships with major and independent record labels.
* personalized recommendations based on user listening history and preferences.
* Offline listening mode for downloaded playlists and albums.
* Dedicated artist pages, to help users find more information about the artist.
* A freemium business model, that allows for free and paid users.