**Project Design Phase**

**Solution Architecture**

|  |  |
| --- | --- |
| Date | 10 March 2025 |
| Team ID | SWTID1741090109 |
| Project Name | Rhythmic Tunes |
| Maximum Marks | 4 Marks |

|  |  |  |
| --- | --- | --- |
|  | Student Name | Email Id |
| Team Leader | Sujin.A | sujinbalor@gmail.com |
| Team Member 1 | Sreenivas.R | Sreenivasramesh8@gmail.com |
| Team Member 2 | Tamil Selvam .R | jillatamil1602@gmail.com |
| Team Member 3 | Yasvanth.m | yasvanthm2004@gmail.com |
| Team Id | SWTID1741090109 | |
| Project Title | Rhythmic Tunes | |

RhythmicTunes : Your Melodic Companion(Music Streaming Application)

**Solution Architecture:**

The solution architecture for **HarmonyStream**, the Rhythmic Tunes Application, ensures a **scalable, high-performance, and immersive platform** for discovering, streaming, and organizing music across genres, artists, and personalized playlists. The architecture prioritizes seamless audio delivery, real-time recommendations, and cross-device synchronization to enhance user engagement.

* Find the best tech solution to solve existing business problems.
* Describe the structure, characteristics, behavior, and other aspects of the software to project stakeholders.
* Define features, development phases, and solution requirements.
* Provide specifications according to which the solution is defined, managed, and delivered.

**Example - Solution Architecture Diagram:**

