**Project Design Phase**

**Solution Architecture**

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| --- | --- |
| Date | 15 February 2025 |
| Team ID | SWTID1741161890158627 |
| Project Name | Rhythmic Tunes |
| Team Leader | Ranjini R |
| Team member 1 | Nithya shree R |
| Team member 2 | Swetha S |
| Team member 3 | Sangeetha T |
| Team member 4 | Nachellai R |
| Maximum Marks | 4 Marks |

**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:**

