**Project Design Phase**

**Solution Architecture**

|  |  |
| --- | --- |
| Date | 15 February 2025 |
| Team ID | SWTID1741156330 |
| Project Name | Rhythmic Tunes |
| Maximum Marks | 4 Marks |
| Team Leader | Sibiraj S |
| Team member 1 | Santhosh Kumar S |
| Team member 2 | Harikrishnan G |
| Team member 3 | Shanmuga Prakash |
| Team member 4 | Madan V |

**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:**

