**Project Design Phase**

**Solution Architecture**

| Date | 15 February 2025 |
| --- | --- |
| Team ID | SWTID1741163846152058 |
| Project Name | Rhythmic Tunes |
| Maximum Marks | 4 Marks |

| D.Stephen Inbaraj Winston | Stephenwinston0@gmail.com |
| --- | --- |
| R.Ganesh | ganeshravikumar870@gmail.com |
| J.Babu Prasad | babuprasath200004@gmail.com |
| K.Aswin kumar | kaswinkumar2005@gmail.com |
| S.Dhanush | dhanush1121u@gmail.com |

**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:**

