**Project Design Phase**

**Solution Architecture**

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| Date | 10 January 2025 |
| Team ID | SWTID1741588150151598 |
| Project Name | Rhythmic tunes your melodic companion |
| Maximum Marks | 4 Marks |
| **Team Leader** | SHIVA RANJANI B |
| **Team member** | SOUNDARYA V |
| **Team member** | PRIYANKA V |
| **Team member** | SHALINI G |

**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:**

