

## Project Design Phase Solution Architecture

|               |                       |
|---------------|-----------------------|
| Date          | 15 February 2025      |
| Team ID       | SWTID1741278057153758 |
| Project Name  | Rhythmic Tunes        |
| 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:

