

Project Design Phase
Solution Architecture

Date	15 February 2025
Team ID	SWTID1741149086
Project Name	RhythmicTunes: Your Melodic Companion
Maximum Marks	4 Marks

TEAM LEADER	FARHEEN HUMERA S
TEAM MEMBERS	LAVANYA SHREE V
	LAVANYA A.P
	ABINAYA
	RENUGA DEVI

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:

