**Project Design Phase**

**Solution Architecture**

|  |  |
| --- | --- |
| Date | 15 February 2025 |
| Team ID | SWTID1741159136150186 |
| Project Name | Rhythmic Tunes |
| Maximum Marks | 4 Marks |

|  |  |  |
| --- | --- | --- |
| **TEAM LEADER** | **HARIHARAN R** | **haricdonh@gmail.com** |
| **TEAM MEMBER 1** | **YUVARAJ J** | **yuvarajj3031@gmail.com** |
| **TEAM MEMBER 2** | **MARI MUTHU G** | **marimuthu7358477959@gmail.com** |
| **TEAM MEMBER 3** | **GOKULAN J** | **gokulan731@gmail.com** |
| **TEAM MEMBER 4** | **VIGNESH R** | **vigneshbcs2004@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:**

