

**Department of Networking and Communications**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

**Course Name: Software Engineering and Project Management**

|  |  |
| --- | --- |
| **Experiment No** | 6 |
| **Title of Experiment** | Design a System Architecture, Use Case and Class Diagram |
| **Name of the candidate** | Soham Ghosh |
| **Team Members** | Ayush Abhigyan, Abhishri Joshi |
| **Register Number** | RA2011003010504, RA2011003010493, RA2011003010475 |
| **Date of Experiment** | 11/05/2022 |

**Mark Split Up**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No** | **Description** | **Maximum Mark** | **Mark Obtained** |
| 1 | Exercise | 5 |  |
| 2 | Viva | 5 |  |
| **Total** | | **10** |  |

**Staff Signature with date**

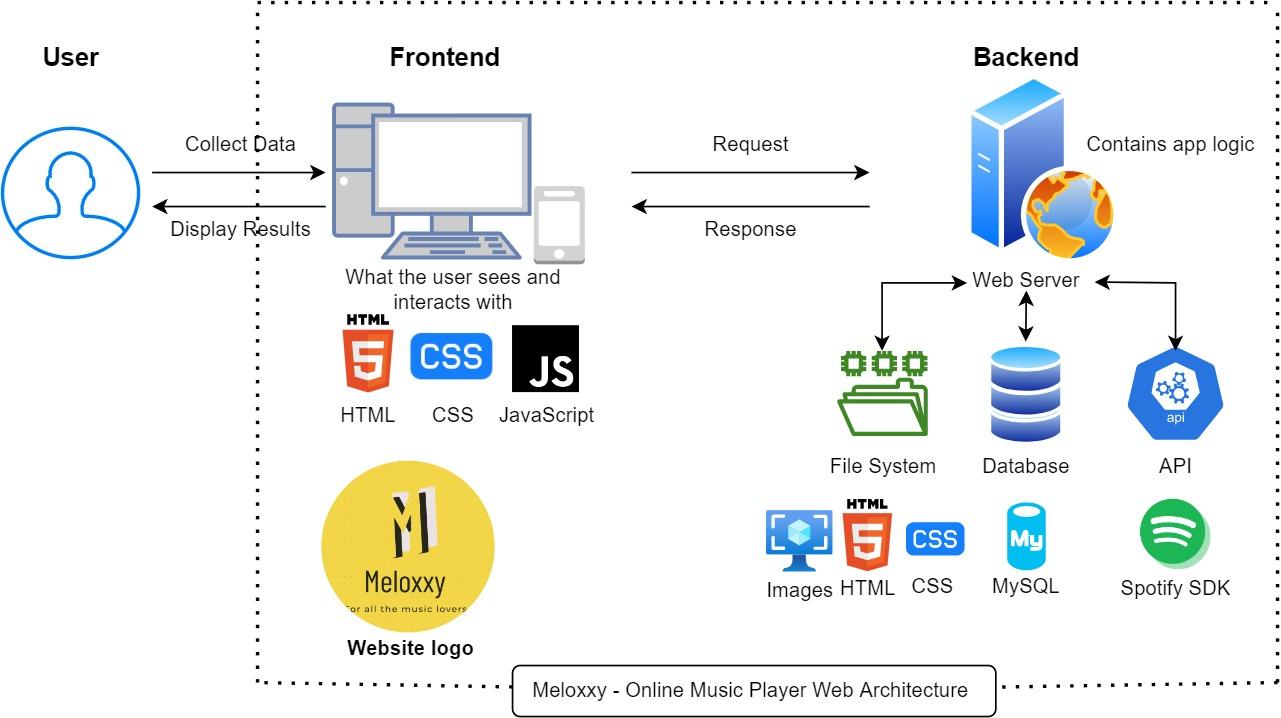
**Aim**

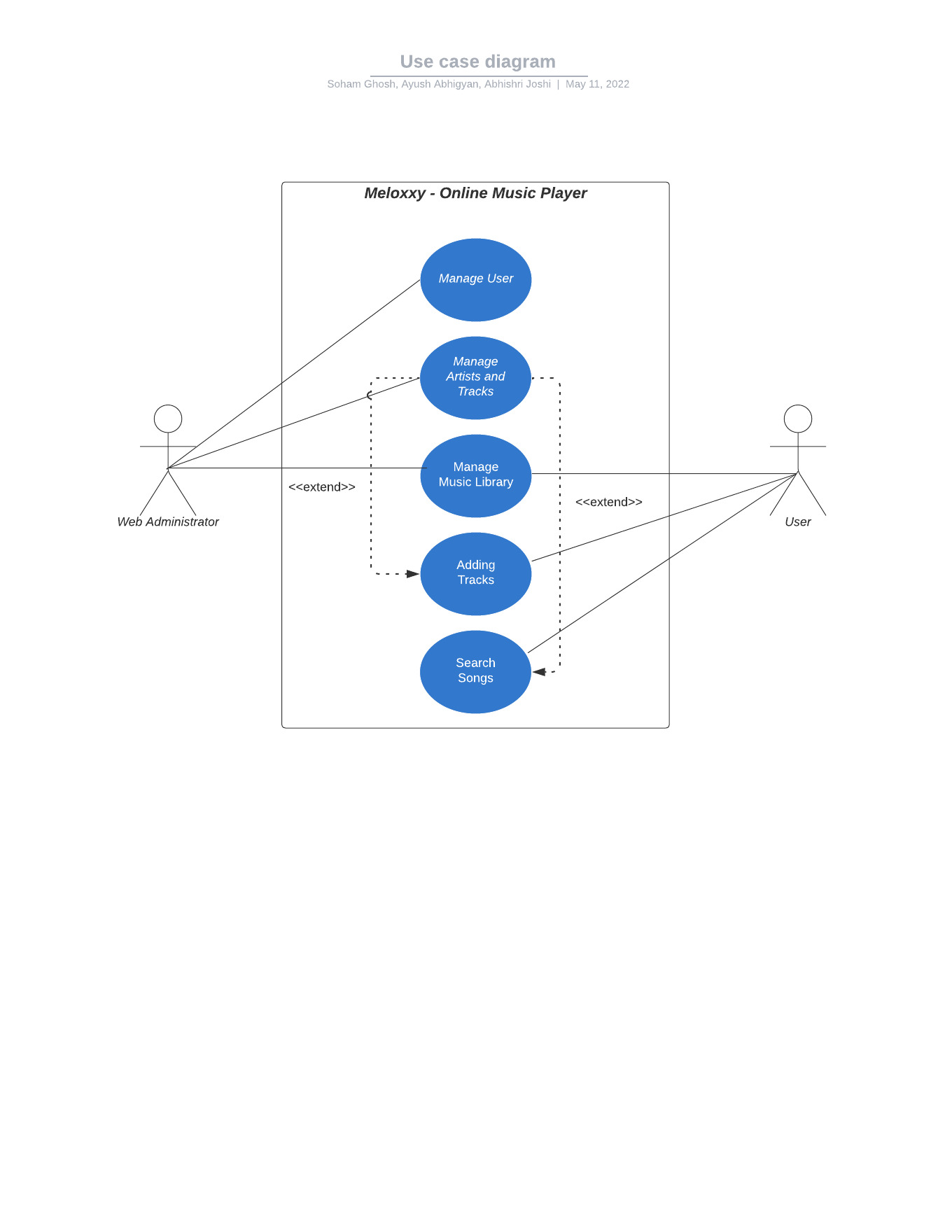
To Design a System Architecture, Use case and Class Diagram

**Team Members:**

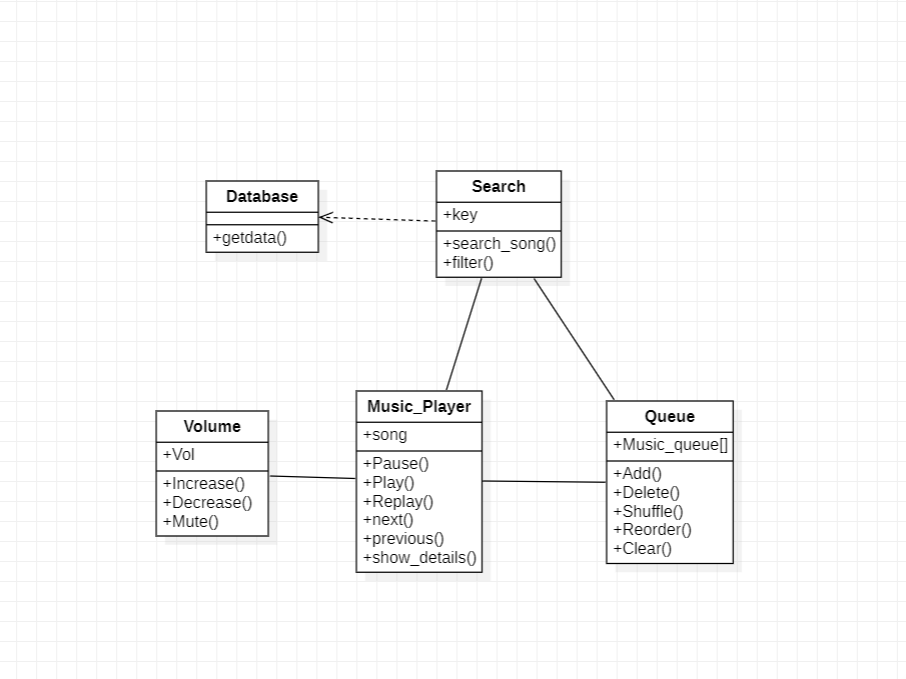
|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No** | **Register No** | **Name** | **Role** |
| **1** | **RA2011003010504** | **Soham Ghosh** | **Rep** |
| **2** | **RA2011003010475** | **Abhishri Joshi** | **Member** |
| **3** | **RA2011003010493** | **Ayush Abhigyan** | **Member** |

**SYSTEM ARCHITECTURE**



**USE CASE DIAGRAM**

**CLASS DIAGRAM**



Result:

Thus, the system architecture, use case and class diagram created successfully.