**Functional Requirements:**

**Client:**

The client-side of the system will be an application with a user interface that is integrated into a music listening android application. By gathering information from users it suggests for music to download and play music.

* **Security**

The application shall Encrypt the downloaded music not to be seen by other players

* **Display recommendations**

The application must display the recommendations that are obtained from the server to the user in a proper way by providing a GUI.

**Server**

The server-side system will hold the entire data in a database, and must include all functionality to perform operations on this database.

* **Upload music**

The server application shall store the artists information

The server application shall store the newly uploaded music.

* **Data storing**

The server application shall store each transaction made with their date and quantity.

* **Security**

The server application is accessed by authorized person only

The server application allow the authorized person to manipulate the database If one of the condition is true:

The uploaded music is corrupted

The uploaded music is found to be bugged

…

**Non-functional Requirements**

Performance requirements

* Accuracy

The system will give priority for users to download the music

* duration

The system shall be to guarantee that it is useful for at least 100years