**Audio Tracker**

**Level 1:**

1. The program will accept the Audio Details from the console

Each Audio will have these info {Title, Track ID, Category, Artist}

2. Admin can Add/View/Update/Delete the Audio details.

3. User can View/Search/Rate the audio

**Level 2:**

4. The above program should retain the console based implementation, but the data needs to be persisted and searched from a file

**Level 3:**

5. The above program should retain the console based implementation, but the data needs to be persisted and searched from a database RDBMS

In all the above cases, apart from code for development, logging, exception handling, unit testing, coverage and standards should be followed.

**DB Design**

Audio Table :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Track id | Title | Artist | Image | Category ID(Fk) | Album |
|  |  |  |  |  |  |

Category Table :

|  |  |
| --- | --- |
| Category id | Category name |
|  |  |

User Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| User id | email | username | password | User role(fk) |
|  |  |  |  |  |

Role Table

|  |  |
| --- | --- |
| Role id | role |
|  |  |

Rating Table

|  |  |  |
| --- | --- | --- |
| User id | Track id | Ratings |
|  |  |  |