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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Users | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | UserId | varchar | 24 | yes | yes | yes | - |  |
| 2 | Username | varchar | 14 | No | no | no | - |  |
| 3 | Email | varchar | 50 | yes | yes | no | - |  |
| 4 | Password | varchar | 20 | yes | no | no | - |  |
| 5 | Devices | varchar | int | yes |  |  |  |  |
| 6 | Subscription | varchar | 30 | yes | - | - | - | Default=”Free” |
| 7 | Contact No. | varchar | 10 | no | - | - | - | - |
| 8 | RoleId | int | - | yes | - | FK | Roles | - |

Data Dictionary

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| Languages | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | LanguageId | varchar | 24 | yes | yes | yes | - |  |
| 2 | LanguageName | varchar | 14 | yes | yes | no | - |  |

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| Language-Users | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | Id | int | - | yes | yes |  |  |  |
| 2 | UserId | int | 24 | yes | No | FK | Users |  |
| 3 | LanguageId | int | 14 | yes | no | FK | Languages |  |

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|  | | | | | | | | |
| Roles | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | RoleId | varchar | 24 | yes | yes | yes | - |  |
| 2 | RoleName | varchar | 14 | yes | yes | no | - |  |

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|  | | | | | | | | |
| Songs | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | SongId | int | - | yes | yes | yes | - |  |
| 2 | Title | varchar | 14 | yes | yes | no | - |  |
| 3 | AlbumId | varchar | 50 | no | - | FK | Album |  |
| 4 | GenreId | int | - | no | no | FK | Genre | - |
| 5 | Artists | varchar | 100 | yes | no | - |  |  |
| 6 | LanguageId | int | - | yes | no | FK | Language |  |

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| Genres | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | GenreId | int | - | yes | yes | yes | - |  |
| 2 | GenreName | varchar | 14 | yes | yes | no | - |  |

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|  | | | | | | | | |
| Playlists | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | PlaylistId | int |  | yes | yes | yes | - |  |
| 2 | UserId | int |  | yes | no | FK | Users |  |

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| Playlist-Songs | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | Id | varchar | 24 | yes | yes | yes | - |  |
| 2 | PlaylistId | int | 14 | yes | no | FK | Playlists |  |
| 3 | SongId | int | 50 | yes | no | FK | Songs |  |

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| Albums | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | AlbumId | int | - | yes | yes | yes | - |  |
| 2 | AlbumName | varchar | 14 | yes | yes | no | - |  |
| 3 | Creation\_Date | DateTime | - | yes | - | no | - |  |
| 4 | GenreId | int | - | yes | - | FK | Genres |  |
| 5 | LanguageId | int | - | yes | - | FK | Languages |  |

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| Followers | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | Id | int |  | yes | yes | yes | - |  |
| 2 | UserId | int |  | yes | no | FK | Users |  |
| 3 | FollowerId | int |  | yes | no | FK | Users |  |

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| Followings | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | Id | int |  | yes | yes | yes | - |  |
| 2 | UserId | int |  | yes | no | FK | Users |  |
| 3 | FollowingId | int |  | yes | no | FK | Users |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Liked Songs | | | | | | | | |
| Sr no. | Field Name | Data Type | Width | Required | Unique | PF/FK | Referred Table | Description |
| 1 | Id | int |  | yes | yes | yes | - |  |
| 2 | UserId | int |  | yes | no | FK | Users |  |
| 3 | SongId | int |  | yes | no | FK | Songs |  |