Albums

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| AlbumID | int |  | YES | NO |  |
| AlbumName | varchar(50) |  |  | NO |  |
| ReleaseDate | date |  |  | NO |  |
| AlbumDescription | text |  |  | YES |  |
| BandID | int |  |  | YES |  |
| AlbumCode | varchar(20) |  |  | YES |  |

BandMembers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| MemberID | int |  | YES | NO |  |
| Name | varchar(50) |  |  | NO |  |
| Gender | enum('Male','Female') |  |  | NO |  |
| Age | int |  |  | YES |  |
| Role | varchar(50) |  |  | NO |  |
| JoinDate | date |  |  | NO |  |
| LeaveDate | date |  |  | YES |  |
| BandID | int |  |  | YES |  |
| MemberCode | varchar(20) |  |  | YES |  |

Bands

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| BandID | int |  | YES | NO |  |
| BandName | varchar(50) |  |  | NO |  |
| FormationDate | date |  |  | NO |  |
| BandDescription | text |  |  | YES |  |
| LeaderID | int |  |  | YES |  |
| BandCode | varchar(20) |  |  | YES |  |

Concerts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| ConcertID | int |  | YES | NO |  |
| ConcertName | varchar(50) |  |  | NO |  |
| ConcertDate | date |  |  | NO |  |
| Location | varchar(50) |  |  | NO |  |
| BandID | int |  |  | YES |  |
| ConcertCode | varchar(20) |  |  | YES |  |

FanAttendsConcerts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| FanID | int |  | YES | NO |  |
| ConcertID | int |  | YES | NO |  |

FanLikesAlbums

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| FanID | int |  | YES | NO |  |
| AlbumID | int |  | YES | NO |  |

FanLikesBands

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| FanID | int |  | YES | NO |  |
| BandID | int |  | YES | NO |  |

FanLikesSongs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| FanID | int |  | YES | NO |  |
| SongID | int |  | YES | NO |  |

Fans

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| FanID | int |  | YES | NO |  |
| Name | varchar(50) |  |  | NO |  |
| Gender | enum('Male','Female') |  |  | NO |  |
| Age | int |  |  | YES |  |
| Occupation | varchar(50) |  |  | YES |  |
| Education | varchar(50) |  |  | YES |  |
| FanCode | varchar(20) |  |  | YES |  |

MusicReviews

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| ReviewID | int |  | YES | NO |  |
| AlbumID | int |  |  | YES |  |
| FanID | int |  |  | YES |  |
| Comment | text |  |  | YES |  |
| Rating | decimal(3,2) |  |  | YES |  |
| ReviewDate | date |  |  | NO |  |
| ReviewCode | varchar(20) |  |  | YES |  |

Songs

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column** | **Type** | **Comment** | **PK** | **Nullable** | **Default** |
| SongID | int |  | YES | NO |  |
| SongName | varchar(50) |  |  | NO |  |
| Lyricist | varchar(50) |  |  | YES |  |
| Composer | varchar(50) |  |  | YES |  |
| AlbumID | int |  |  | YES |  |
| SongCode | varchar(20) |  |  | YES |  |