Emily Evans

Miguel Fernandez

Brenton Smelser

Shannon Smith

Group 1 – Data Dictionary

Album Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | albumId | int |  | number given to each album to uniquely identify it |
|  | title | varchar | 100 | title of album |
|  | recordLabel | varchar | 100 | name of record label |
|  | releaseDate | date |  | release date of album |

Artist Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | artistId | int |  | number given to each artist to uniquely identify it |
|  | name | varchar | 45 | artist name |
|  | formDate | date |  | date of formation |
|  | breakupDate | date |  | date of breakup |
|  | formationZipCode | int |  | zipcode of artist origin |

AttendedPerformance Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | username | varchar | 16 | username |
| P | performanceId | int |  | number given to each performance to uniquely identify it |

Comment Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | commentId | int |  | number given to each comment to uniquely identify it |
|  | username | varchar | 16 | user’s username |
|  | artistId | int |  | number that matches a unique artist id number |
|  | performanceId | int |  | number that matches a unique performance number |
|  | comment | varchar | 300 | place to hold comment |
|  | postdate | date |  | date of comment |

Favorite Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | username | varchar | 16 | user’s username |
| P | artistId | int |  | number that corresponds to unique artist id number |

Member Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | memberId | int |  | number given to each member to uniquely identify it |
| P | artistId | int |  | number that corresponds to unique artist id number |
|  | joinDate | date |  | date for when member joined artist group |
|  | leaveDate | date |  | date for when member left artist group |
|  | name | varchar | 45 | name of member |

Performance Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | performanceId | int |  | number given to each performance to uniquely identify it |
| P | venueId | int |  | number that corresponds to unique venue id number |
|  | duration | double |  | duration of concert |
|  | date | date |  | date of concert |
|  | title | varchar | 60 | name of concert tour |

PerformancePlaylist Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | performanceId | int |  | number that corresponds to unique performance id number |
| P | songId | int |  | number that corresponds to unique song id number |
| P | artistId | int |  | number that corresponds to unique artist id number |

Song Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | song id | int |  | number given to each song to uniquely identify it |
|  | title | varchar | 100 | title of song |
|  | duration | double |  | duration of song (minutes) |

User Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | username | varchar | 16 | username |
|  | firstName | varchar | 45 | user’s first name |
|  | lastName | varchar | 45 | user’s last name |
|  | age | int |  | user’s age |
|  | email | varchar | 100 | user’s email address |
|  | password | varchar | 255 | user’s password |
|  | zipcode | int |  | user’s zipcode |
|  | isModerator | tinyint | 1 | number (either 0 or 1) given to each user to show whether they have access to modify the site |

Venue Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | venueId | int |  | number given to each venue to uniquely identify it |
|  | name | varchar | 100 | name of venue |
|  | streetAddress | varchar | 200 | venue street address |
|  | city | varchar | 100 | venue city |
|  | state | varchar | 100 | venue state |
|  | zipcode | int |  | venue zipcode |

Tracklist Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | albumId | int |  | number that corresponds to unique album id number |
| P | songId | int |  | number that corresponds to unique song id number |
| P | artistId | int |  | number that corresponds to unique artist id number |
|  | track\_number | int |  | track number for each song |