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Group 1 – Data Dictionary

Album Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | albumId | int |  | album id number (auto-increment) |
|  | 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 |  | artist id number (auto-increment) |
|  | name | varchar | 45 | artist name |
|  | formDate | date |  | date of formation |
|  | breakupDate | date |  | date of breakup (null if still an artist) |
|  | formationZipCode | int |  | zipcode of artist origin |

AttendedPerformance Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | username | varchar | 16 | username |
| P | performanceId | varchar | 45 | id of specific performance |

Comment Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | commentId | int |  | comment id number (auto-increment) |
|  | username | varchar | 16 | can be null if user wants to remain anonymous |
|  | artistId | int |  | links to artist |
|  | performanceId | int |  | links to performance |
|  | comment | varchar | 300 | place to hold comment |
|  | postdate | date |  | date of comment |

Favorite Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | username | varchar | 16 | links back to user |
| P | artistId | int |  | links to specific favorite artist |

Member Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | memberId | int |  | member id number (auto-increment) |
| P | artistId | int |  | links to artist |
|  | joinDate | date |  | date for when member joined artist group |
|  | leaveDate | date |  | null if they never left |
|  | name | varchar | 45 | name of member |

Performance Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | performanceId | int |  | performance id number (auto-increment) |
| P | venueId | int |  | links to venue |
|  | 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 |  | links to performance |
| P | songId | int |  | links to song |
| P | artistId | int |  | links to artist |

Song Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | song id | int |  | song id number (auto-increment) |
|  | 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 | if 0, user cannot modify artists, if 1 they can |

Venue Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P Key? | Name | Type | Size | Description |
| P | venueId | int |  | venue id number (auto-increment) |
|  | name | varchar | 100 | name of venue |
|  | streetAddress | varchar | 200 | 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 |  | links to album |
| P | songId | int |  | links to song |
| P | artistId | int |  | links to artist |
|  | track\_number | int |  | track number for each song |