1. Relationl Schema
   1. Movie

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| titleID | titleName | rottenTomatoesRating | | | imdbRating | | releaseYear | | budget |
| collection | *genreID* | *limitID* | *directorID* | *phID* | | *adminID* | |

* 1. TVshows

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| titleID | titleName | | rottenTomatoesRating | | | imdbRating | | releaseYear | | *genreID* |
| collection | | *genreID* | | *limitID* | *creatorID* | | *adminID* | |

* 1. Genre

|  |  |
| --- | --- |
| genreID | genreName |

* 1. AgeLimit

|  |  |
| --- | --- |
| limitID | limitName |

* 1. OTT

|  |  |
| --- | --- |
| ottID | ottName |

* 1. Language

|  |  |
| --- | --- |
| languageID | languageName |

* 1. Actor

|  |  |
| --- | --- |
| castID | actorName |

* 1. Actress

|  |  |
| --- | --- |
| castID | actressName |

* 1. Director

|  |  |
| --- | --- |
| directorID | directorName |

* 1. ProductionHouse

|  |  |
| --- | --- |
| phID | phName |

* 1. Creator

|  |  |
| --- | --- |
| creatorID | creatorName |

* 1. User

|  |  |  |  |
| --- | --- | --- | --- |
| userID | userName | password | emailID |

* 1. PhoneNumber

|  |  |  |
| --- | --- | --- |
| phoneID | *userID* | phone |

* 1. Admin

|  |  |  |  |
| --- | --- | --- | --- |
| adminID | adminName | password | emailID |

* 1. ActsIn

|  |  |  |
| --- | --- | --- |
| actingID | *titleID* | *castID* |

* 1. StreamingOn

|  |  |  |
| --- | --- | --- |
| streamID | *titleID* | *ottID* |

* 1. AvailableIn

|  |  |  |
| --- | --- | --- |
| availID | *titleID* | *languageID* |

* 1. Watches

|  |  |  |
| --- | --- | --- |
| watchID | *titleID* | *userID* |

* 1. Watchlist

|  |  |
| --- | --- |
| listID | *userID* |

* 1. Contains

|  |  |  |
| --- | --- | --- |
| containID | *titleID* | *listID* |

1. Mention Keys
   1. Movie
      1. Candidate Key: titleID, titleName
      2. Primary Key: movieID
      3. Foreign Key: genreID, limitID, directorID, phID, adminID
      4. Alternate Key: titleName
   2. TV Show
      1. Candidate Key: titleID, titleName
      2. Primary Key: titleID
      3. Foreign Key: genreID, limitID, creatorID, adminID
      4. Alternate Key: titleName
   3. Genre
      1. Candidate Key: genreID, genreName
      2. Primary Key: genreID
      3. Foreign Key: NULL
      4. Alternate Key: genreName
   4. AgeLimit
      1. Candidate Key: limitID, limitName
      2. Primary Key: limitID
      3. Foreign Key: NULL
      4. Alternate Key: limitName
   5. OTT
      1. Candidate Key: ottID, ottName
      2. Primary Key: ottID
      3. Foreign Key: NULL
      4. Alternate Key: ottName
   6. Language
      1. Candidate Key: languageID, languageName
      2. Primary Key: languageID
      3. Foreign Key: NULL
      4. Alternate Key: languageName
   7. Actor
      1. Candidate Key: castID
      2. Primary Key: castID
      3. Foreign Key: NULL
      4. Alternate Key: NULL
   8. Actress
      1. Candidate Key: castID
      2. Primary Key: castID
      3. Foreign Key: NULL
      4. Alternate Key: NULL
   9. Director
      1. Candidate Key: directorID
      2. Primary Key: directorID
      3. Foreign Key: NULL
      4. Alternate Key: NULL
   10. ProductionHouse
       1. Candidate Key: phID, phName
       2. Primary Key: phID
       3. Foreign Key: NULL
       4. Alternate Key: phName
   11. Creator
       1. Candidate Key: creatorID
       2. Primary Key: creatorID
       3. Foreign Key: NULL
       4. Alternate Key: NULL
   12. User
       1. Candidate Key: userID, emailID
       2. Primary Key: userID
       3. Foreign Key: NULL
       4. Alternate Key: emailID
   13. PhoneNumber
       1. Candidate Key: phoneID, phone
       2. Primary Key: phoneID
       3. Foreign Key: userID
       4. Alternate Key: phone
   14. Admin
       1. Candidate Key: adminID, emailID
       2. Primary Key: adminID
       3. Foreign Key: NULL
       4. Alternate Key: emailID
   15. ActsIn
       1. Candidate Key: actingID
       2. Primary Key: actingID
       3. Foreign Key: titleID, castID
       4. Alternate Key: NULL
   16. StreamingOn
       1. Candidate Key: streamID
       2. Primary Key: streamID
       3. Foreign Key: titleID, ottID
       4. Alternate Key: NULL
   17. AvailableIn
       1. Candidate Key: availID
       2. Primary Key: availID
       3. Foreign Key: titleID, languageID
       4. Alternate Key: NULL
   18. Watches
       1. Candidate Key: watchID
       2. Primary Key: watchID
       3. Foreign Key: titleID, userID
       4. Alternate Key: NULL
   19. Watchlist
       1. Candidate Key: listID
       2. Primary Key: listID
       3. Foreign Key: userID
       4. Alternate Key: NULL
   20. Contains
       1. Candidate Key: containID
       2. Primary Key: containID
       3. Foreign Key: titleID, listID
       4. Alternate Key: NULL