

Student (StudentID, Name, Email, history, downloads, watchlist, Ratings, Reviews, SubscriptionID)

Device (Type, DeviceID, DeviceName, StudentID)

Subscription (SubscriptionID, SubscriptionCost, startdate, enddate)

Subscription-payment history (SubscriptionID, TransactionID, paidamount)

Subscription Benefits (BenefitID, SubscriptionID, premium content, community connect, livestreams)

Admin (AdminID, Name, Email, Access key)

Series/data distributor (Series/distributorID, Name, Email, Salary, Contract duration, AdminID)

Media (ContentID, Title, Release Date, Duration, Views, Original Series, Documentary, Movies,

TV Shows, English, Telugu, Chinese, Korean, Spanish, Fantasy, Drama, Thriller, Horror, Action, Sports, Comedy, Romance, SeriesID, AdminID, SubscriptionID)

Matches (StudentID, ContentID)

Candidate Keys

- 1) StudentID
- 2) Student Email
- 3) DeviceID
- 4) SubscriptionID
- 5) TransactionID
- 6) AdminID
- 7) Admin Email
- 8) SeriesID
- 9) ContentID

Team Members:

Mahalakshmi Konakanchi
Lakshmi Priganka Bhallamudi
Sharmukh Mittal

Functional Dependencies

Student:
StudentID → Name, Email,

Downloads, history,
watchlist

Email → StudentID

StudentID, DeviceID → Device Type,

Device Name

StudentID → ratings, Reviews

Devices:

DeviceID → Type, Name

Subscription:

SubscriptionID → S-cost, S-cost,
startdate, enddate

Payment history → TransactionID,
paid amount

StudentID → SubscriptionID
startdate, enddate → tenure

Subscription Benefits:

SubscriptionID → livestream,
premium content,
community connect

Admin:

AdminID → Name, Email, Access key

Series/data distributor:

SeriesID → Name, Email

SeriesID → Salary

Media:

Title → Release date, Runtime,
Views, Language, Type, Genre

SubscriptionID → Title