

**CSCE 251/2501: Database Systems**

**Project-MS1**

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# ERD:

Diagram

Description automatically generated

# Relational Model:

* The following convention will be used in the relational models: Red is for primary keys (PK) whereas Blue is for foreign keys (FK).
* User ( EmailAddress , UserName , Gender , date of birth )
* Review ( Rate Value, Textual Review, UserName,MovieID)

PK

* Movie (ID , Name , Description, Duration, Total revenue, Age rating, Premiere date, release date )
* Movie Genre ( Genre , MovieID)

PK

* CastMember (ID, FullName , nationality , date of birth , Biography, BirthCountry , Facebook account , Twitter account , Instagram account )
* MovieCast ( CastID, MovieID , Role )

PK

# SQL Script:

The script is called *Egyptian\_IMDB* and is attached in the submission in a folder called *schema script.*