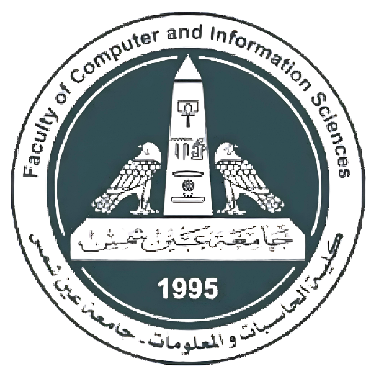
**A logo of a university

Description automatically generated **

**IMDb: Rating and Reviews for Movies & TV Shows**

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Tables:

CREATE TABLE movies\_new (

movieId NUMBER PRIMARY KEY,

title VARCHAR2(100),

releaseYear NUMBER,

genre VARCHAR2(50),

);

CREATE TABLE actors\_new (

actorId NUMBER PRIMARY KEY,

name VARCHAR2(100)

);

CREATE TABLE movie\_actor\_new (

movieId NUMBER,

actorId NUMBER,

CONSTRAINT fk\_movie\_actor\_new\_movieId FOREIGN KEY (movieId) REFERENCES

movies\_new(movieId),

CONSTRAINT fk\_movie\_actor\_new\_actorId FOREIGN KEY (actorId) REFERENCES actors\_new(actorId),

CONSTRAINT pk\_movie\_actor\_new PRIMARY KEY (movieId, actorId)

);

CREATE TABLE reviews\_new (

revID NUMBER PRIMARY KEY,

movieID NUMBER,

rating NUMBER,

CONSTRAINT fk\_reviews\_new\_movieID FOREIGN KEY (movieID) REFERENCES movies\_new(movieId)

);

Stored procedure:

CREATE OR REPLACE PROCEDURE GetReviewByID(

p\_revid IN NUMBER,

p\_movieid OUT NUMBER,

p\_rating OUT NUMBER

) AS

BEGIN

SELECT movieid, rating

INTO p\_movieid, p\_rating

FROM reviews\_new

WHERE revid = p\_revid;

END GetReviewByID;

CREATE OR REPLACE PROCEDURE GetActorByMovie(

p\_movieID IN movie\_actor\_new.movieId%TYPE

) AS

BEGIN

FOR actor\_rec IN (

SELECT a.name

FROM actors\_new a

JOIN movie\_actor\_new ma ON a.actorId = ma.actorId

WHERE ma.movieId = p\_movieID

) LOOP

DBMS\_OUTPUT.PUT\_LINE(actor\_rec.name);

END LOOP;

END GetActorByMovie;

CREATE OR REPLACE PROCEDURE GetReviewsByMovie(

p\_movieID IN reviews\_new.movieID%TYPE,rev out sys\_refcursor

) AS

BEGIN

open rev FOR

SELECT rating

FROM reviews\_new

WHERE movieID = p\_movieID;

END GetReviewsByMovie;