**tbldvdTitles**

**Graphical user interface, application, table

Description automatically generated with medium confidence**

**tbldvdActors**

**Text, application, table

Description automatically generated**

**movie\_details**

**Graphical user interface, text, application, table

Description automatically generated**

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-- Create Database

CREATE DATABASE assisnment;

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-- Create the three tables

CREATE TABLE tbldvdTitles(

asin varChar(15) NOT NULL,

title varChar(100),

price double(5,2),

PRIMARY KEY (asin)

);

CREATE TABLE tbldvdActors(

actorID int(5) NOT NULL AUTO\_INCREMENT,

fname varChar(20),

lname varChar(20),

PRIMARY KEY (actorID)

);

CREATE TABLE movie\_details(

asin varChar(15) NOT NULL,

actorID int(5) NOT NULL,

PRIMARY KEY (asin, actorID)

);

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-- Insert Statements

INSERT INTO tbldvdtitles VALUES('B0B5PRNXZM', 'Lightyear', '19.99');

INSERT INTO tbldvdtitles VALUES('2UGXXT2UJBRQX', 'Zootopia', '19.99');

INSERT INTO tbldvdtitles VALUES('B01NCIFSMT', 'Sing 1', '14.99');

INSERT INTO tbldvdtitles VALUES('B09PMSKBSD', 'Sing 2', '19.99');

INSERT INTO tbldvdtitles VALUES('B07T86S72Q', 'Toy Story 4', '19.99');

INSERT INTO tbldvdActors VALUES('12345','Chris','Evans');

INSERT INTO tbldvdActors VALUES('23456','Ginnifer','Goodwin');

INSERT INTO tbldvdActors VALUES('34567','Matthew','McConaughey');

INSERT INTO tbldvdActors VALUES('45678','Matthew','McConaughey');

INSERT INTO tbldvdActors VALUES('56789','Hanks','Tom');

UPDATE tbldvdActors SET fname = 'Tom', lname = 'Hanks' WHERE actorID = '56789';

DELETE FROM tbldvdActors WHERE actorID = '12345';

INSERT INTO movie\_details VALUES('2UGXXT2UJBRQX', '23456');

INSERT INTO movie\_details VALUES('B01NCIFSMT', '34567');

INSERT INTO movie\_details VALUES('B09PMSKBSD', '45678');

INSERT INTO movie\_details VALUES('B07T86S72Q', '56789');

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-- Joins

-- Join that combine all data from all tables

SELECT \* FROM movie\_details FULL INNER JOIN tbldvdTitles, tbldvdActors;

-- Join that combines data based on matching values

SELECT movie\_details.asin, movie\_details.actorID, tbldvdTitles.title, tbldvdTitles.price, tbldvdActors.fname, tbldvdActors.lname

FROM movie\_details

INNER JOIN tbldvdTitles ON movie\_details.asin = tbldvdTitles.asin

INNER JOIN tbldvdActors ON movie\_details.actorID = tbldvdActors.actorID;

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-- Select all Tables

select \* from tbldvdTitles;

select \* from tbldvdActors;

select \* from movie\_details;

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