**Nehemi SQL Mini-Project: Video & Reviewers**

**Assignment:**

Unit1: **Introduction to Data and Databases –   
project – one to many relationships**

**Instructions:**

**Create a videos table.** • This table should include a unique ID, the title of the video, the length in minutes, and the URL. Populate the table with at least three related videos from YouTube or other publicly available resources.

**Create and populate Reviewers table**. • Create a second table that provides at least two user reviews for each of at least two of the videos. ○ These should be imaginary reviews that include columns for the user’s name (“Asher”, “John”, etc.), the rating (which could be NULL, or a number between 0 and 5), and a short text review (“Loved it!”). There should be a column that links back to the ID column in the table of videos.

**Report on Video Reviews** • Write a JOIN statement that shows information from both tables.

**Nehemi’s Work:**

***Create a video table***

CREATE TABLE NJ\_videoproject(

Video\_ID serial PRIMARY KEY,

Title VARCHAR (50) UNIQUE NOT null,

Length INT null,

URL VARCHAR (300) UNIQUE NOT NULL);

SELECT \* FROM NJ\_videoproject;

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***Populate video Table***

INSERT INTO NJ\_videoproject (video\_id, title, length, url)

VALUES (1, 'AMISTAD', 155, '<https://www.youtube.com/watch?v=DoWeNWZAU48>' ),

(2, 'AVATAR', 162, '<https://www.youtube.com/watch?v=058s3smFXx0>'),

(3, 'BLACK PANTHER' , 134,'https://www.youtube.com/watch?v=QoTbGtV9Zpk');

Graphical user interface, table

Description automatically generated with medium confidence

***Create Reviewers table***

CREATE TABLE NJ\_videoprojectreviewers (

video\_id serial PRIMARY KEY,

Users VARCHAR(50) UNIQUE NOT NULL,

Rating INT NOT NULL,

Review\_comments VARCHAR(50));

SELECT \* FROM NJ\_videoprojectreviewers;

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***Populate Reviewers table***

INSERT INTO NJ\_videoprojectreviewers (video\_id, Users, Rating, Review\_comments)

VALUES (1, 'AMY', 5, 'BEST MOVIE EVER'),

(2, 'DEREK', 5, 'MUST WATCH'),

(3, 'NEHEMI', 5, 'NUMBER 1 MOVIE');

Table

Description automatically generated

***Report on Video Reviews***

SELECT \*

FROM NJ\_videoproject

INNER JOIN NJ\_videoprojectreviewers

ON NJ\_videoproject.video\_id = NJ\_videoprojectreviewers.video\_id;

Text, table

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