Project Test

Step 1. Create a new database and:

1. Import the schema file **tv_series_schema.sql** into it.
2. Run the code for creating the two required views and compiled the trigger, the stored procedure and the stored function. It is OK to create other views, procedures or functions if that helps you to write the required ones.

Note: If you are working on the CSIS server testweb3.csis.ul.ie, you cannot create a new database. In order to run this test, make sure that you delete any project tables from your database and create new ones by importing **tv_series_schema.sql** into your database.

Step 2. Import the file **project_test_data.sql** into your database.

Step 3. Your **actor_minutes** view should look like:

actor_id	actor_name	total_minutes_played
1	Bryan Cranston	105
2	Aaron Paul	105
3	Anna Gunn	62
4	Millie Bobby Brown	55
5	Finn Wolfhard	55
6	Pedro Pascal	43
7	Gina Carano	43
8	Carl Weathers	43

Step 4. Your **top_series_cast** view should look like:

series_id	series_title	cast
1	Breaking Bad	Aaron Paul,Anna Gunn,Bryan Cranston
2	Stranger Things	Finn Wolfhard,Millie Bobby Brown

Step 5. Trigger check.

Table series:

series_id	series_title	rating
1	Breaking Bad	4.016700000000001
2	Stranger Things	4.5055
3	The Mandalorian	3.9943000000000004

After running the code:

INSERT INTO user_history (user_id, episode_id, minutes_played) VALUES (1, 5, 50.0), (2, 7, 40.0);

SELECT *
FROM user_history
WHERE ((user_id = 1) AND (episode_id = 5)) OR
        ((user_id = 2) AND (episode_id = 7));

user_id	episode_id	minutes_played
1	5	48.5
2	7	33.8

Table series:

series_id	series_title	rating
1	Breaking Bad	4.016700000000001
2	Stranger Things	4.51035
3	The Mandalorian	3.9976800000000003

Further **actor_minutes** view check:

actor_id	actor_name	total_minutes_played
1	Bryan Cranston	105
2	Aaron Paul	105
3	Anna Gunn	62
4	Millie Bobby Brown	103.5
5	Finn Wolfhard	103.5
6	Pedro Pascal	76.8
7	Gina Carano	76.8
8	Carl Weathers	76.8

Step 6. Run the code

```
CALL AddEpisode(3, 1, 2, 'Chapter 2: The Fake Episode', 20.0);
CALL AddEpisode(3, 1, 3, 'Chapter 3: The Test', 41.5);


SELECT GetEpisodeList(1, 2);
SELECT GetEpisodeList(3, 1);
```

Its output should be as follows:

GetEpisodeList(1, 2)

Seven Thirty-Seven

GetEpisodeList(3, 1)

Chapter 1: The Mandalorian, Chapter 2: The Child, Chapter 3: The Test