Abdullah, Onur, Sabawun

Unit Test

- Service Method that returns a list of concerts with the longest duration
 Service Method that returns a list of shows with the maximum number of performers

ID	Description	Input Test Data	Pre-Condition (if any)	Expected Output	Pass/Fail
1	Test the find longestConcert s method in the concertService s to see if it can find the list of concerts with the longest duration	Duration = 100, performerName = "Sabawun" Duration = 90, performerName = "Ali" Duration = 1, performerName = "Junaid"	N/A	Size =1 performerName = "Sabawun"	Pass
2	Test the maximuPerform ers method in the showServices to see if it can find the list of shows with maximum number of perfomers	performers = "Sabawun,Onur" performers = "Onur, Abdullah, Sabawun" performers ="Abdullah"	N/A	Size = 1 performers = "Onur, Abdullah, Sabawun"	Pass

Integration Testing

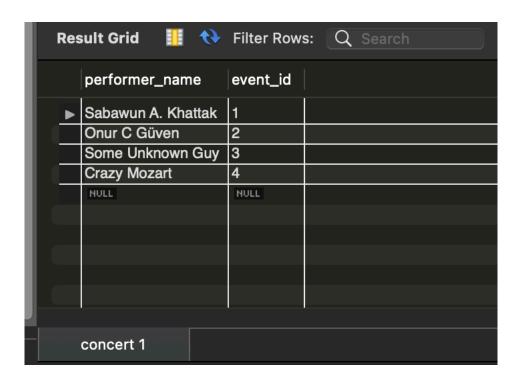
ID	Description	Input Test Data	Pre-Condition (if any)	Expected Output	Pass/Fail
1	Test the / concertsbydesc ription endpoint to see if it returns the correct list of concerts whose short description contains a key word	key ="Sabawun"	Database Initialized with updated Records as mentioned/ listed below.	Length = 1	Pass
2	Test the / showsbyduratio n endpoint to see if it returns the correct list of shows in the range of input duration	start=1, end=7	Database Initialized with updated Records as mentioned/ listed below.	Length = 4	Pass

ID	Description	Input Test Data	Pre-Condition (if any)	Expected Output	Pass/Fail
3	Test the / longestconcert endpoint to see if it returns the correct list of concerts with the maximum duration	N/A	Database Initialized with updated Records as mentioned/ listed below.	Length = 1, event_id = 1, Description = "Concert By Sabawun"	Pass
4	Test the / crowdedshows endpoint to see if it returns the correct list of shows that have the most number of performers	N/A	Database Initialized with updated Records as mentioned/ listed below.	Length = 3	Pass

DATABASE 457

Tables

Concert:



Event:

Re	esult Grid	II 4)	Filter Rov	vs: Q Search	Ed	it: 🍊 🚟 🟪	E
Г	event_id	date		description	duration	festival_run_f	
,	▶ 1	2022-05-03	3 03:00:00	Concert By Sabawun	12	NULL	
	2	2022-08-11	03:00:00	Rock Concert by Onur	3	NULL	
	3	2022-11-06	02:00:00	Pop Concert	2	NULL	
	4	2022-12-10	02:00:00	Classic Music Concerto	6	NULL	
	5	2022-10-10	00:00:00	Comedy Show	2	NULL	
	6	2022-08-06	03:00:00	Talkie Talkie Show	2	NULL	
	7	2023-01-02	2 02:00:00	Some Kind of Show	3	NULL	
	8	2023-02-05	5 02:00:00	Shows of the shows	3	NULL	
	NULL	NULL		NULL	NULL	NULL	
<u> </u>							
	event 1						

festival: festival_id, city_name, festival_name {Not required in this assignment so not populated}

festival_run: frid, festival_run_date, festival_run_duration, festival_run_time {{Not required in this assignment so not populated}

festival_run_org: phone, grid {Not required in this assignment so not populated}

organizer : phone, email, first_name, last_name {Not required in this assignment so not populated}

others: event_id {Not required in this assignment so not populated}

shows:

