

Data Base Management System

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Project Abstract with tables and methods

Theater Ticket Booking Site

We are focused on building a database for the theater management primarily to aid in ticket booking.

We are trying to work on maintaining the movie and showtime database based on which customers can choose the movie as well as theater based on ratings. We then are trying to work on seat allocation , ticket generation and payment regarding aspects . We also providing special seat allocations for corona safety measures to the theater owners.

Tables :

1. Customer

Customer_Id (Primary Key)(Auto Increment)

Customer_Name

Email (Login Credentials)

Pass (Login Credentials)

2. Movie

Movie_id (Primary Key) (Auto Increment)

Movie_name

Genre

Movie_rating

No_of_rating

Duration

3. Theater

Theater_Id (Primary Key) (Auto Increment)

Theater_Name

Theater_Rating

No_of_screens

4. Screen

Screen_id (Primary Key) (Auto Increment)

Theater_id (Foreign Key (Theater))

Screen_no

Price

5. Seat

Seat_id (Primary Key) (Auto Increment)

Show_id (Foreign Key (Shows))

Seat_booked

6. Shows

Show_id (Primary Key) (Auto Increment)

Movie_id (Foreign Key (Movie))

Screen_id (Foreign Key (Screen))

Theater_id (Foreign Key (Theater))

Show_date_time

Social_distancing

Seats_remaining

7. Ticket

Ticket_id (Primary Key) (Auto Increment)

Show_id (Foreign Key (Shows))

Customer_id (Foreign Key (Customer))

Theater_name

Screen_no

Seat_no

Price

Tables Screen Shots :

Customer :

The screenshot displays the phpMyAdmin interface for a database named 'new-gen'. The 'customer' table is selected, showing its structure and data. The table has four columns: Customer_Id, Customer_Name, Email, and Pass. The data is as follows:

Customer_Id	Customer_Name	Email	Pass
11	Nandhakumar	nandha@gmail.com	0a05e392e20d2f87fff600df38db9bfc
15	nandha	example@gmail.com	827ccb0eea8a706c4c34a16891f84e7b
16	member1	rough@email.com	e10adc3949ba59abbe56e057f20f883e
17	aditya	aditya@gmail.com	189fe48d1050763b571517a9e2aa113b
18	suhaas	suhaas@gmail.com	82004ec653567aebd72261f1e28ac481

The interface also shows the 'Query results operations' section with options to print, copy to clipboard, export, display chart, and create view.

Movie :

localhost/phpmyadmin/sql.php

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phpMyAdmin

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Procedures
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Server: 127.0.0.1 » Database: new-gen » Table: movie

Browse Structure SQL Search Insert Export Import Privileges Operations More

Showing rows 0 - 9 (10 total, Query took 0.0018 seconds.) [movie_id: 1... - 10...]

SELECT * FROM `movie` ORDER BY `movie_id` ASC

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: PRIMARY (ASC)

+ Options

	movie_id	movie_name	genre	movie_rating	No_of_rating	duration
<input type="checkbox"/> Edit Copy Delete	1	Godzilla vs kong	Action	4.23	1	150
<input type="checkbox"/> Edit Copy Delete	2	Tenet	Sci-fi	4.87	1	150
<input type="checkbox"/> Edit Copy Delete	3	Jumanji	Kids	4.34	2	160
<input type="checkbox"/> Edit Copy Delete	4	Fast and Furious	Action	4.34	2	170
<input type="checkbox"/> Edit Copy Delete	5	The Midnight Sky	Sci-fi	4.10	3	130
<input type="checkbox"/> Edit Copy Delete	6	The Lion King	Kids	4.14	1	140
<input type="checkbox"/> Edit Copy Delete	7	Monster Hunter	Action	4.12	1	150
<input type="checkbox"/> Edit Copy Delete	8	Space Sweepers	Sci-fi	4.10	1	180
<input type="checkbox"/> Edit Copy Delete	9	Wonder Park	Kids	4.74	5	150
<input type="checkbox"/> Edit Copy Delete	10	Under Water	Action	4.67	1	170

Check all | With selected: Edit Copy Delete Export

Screen :

localhost/phpmyadmin/sql.php

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phpMyAdmin

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ticket
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performance_schema
phpmyadmin
test

Server: 127.0.0.1 » Database: new-gen » Table: screen

Browse Structure SQL Search Insert Export Import Privileges Operations More

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	screen_id	theater_id	screen_no	Price
<input type="checkbox"/> Edit Copy Delete	1	1	1	140
<input type="checkbox"/> Edit Copy Delete	2	1	2	100
<input type="checkbox"/> Edit Copy Delete	3	1	3	110
<input type="checkbox"/> Edit Copy Delete	4	2	1	100
<input type="checkbox"/> Edit Copy Delete	5	2	2	120
<input type="checkbox"/> Edit Copy Delete	6	2	3	110
<input type="checkbox"/> Edit Copy Delete	7	3	1	110
<input type="checkbox"/> Edit Copy Delete	8	3	2	90
<input type="checkbox"/> Edit Copy Delete	9	3	3	100
<input type="checkbox"/> Edit Copy Delete	10	4	1	110
<input type="checkbox"/> Edit Copy Delete	11	4	2	100
<input type="checkbox"/> Edit Copy Delete	12	4	3	90
<input type="checkbox"/> Edit Copy Delete	13	5	1	100
<input type="checkbox"/> Edit Copy Delete	14	5	2	120
<input type="checkbox"/> Edit Copy Delete	15	5	3	110

Seats :

localhost/phpmyadmin/sql.php

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phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: new-gen » Table: seat

Browse Structure SQL Search Insert Export Import Privileges Operations More

+ Options

	seat_id	show_id	seat_booked
<input type="checkbox"/> Edit Copy Delete	2	1	
<input type="checkbox"/> Edit Copy Delete	3	2	fkln
<input type="checkbox"/> Edit Copy Delete	5	3	finp
<input type="checkbox"/> Edit Copy Delete	1	4	
<input type="checkbox"/> Edit Copy Delete	6	5	dejo
<input type="checkbox"/> Edit Copy Delete	7	6	
<input type="checkbox"/> Edit Copy Delete	8	7	
<input type="checkbox"/> Edit Copy Delete	9	8	
<input type="checkbox"/> Edit Copy Delete	10	9	
<input type="checkbox"/> Edit Copy Delete	11	10	
<input type="checkbox"/> Edit Copy Delete	12	11	
<input type="checkbox"/> Edit Copy Delete	13	12	
<input type="checkbox"/> Edit Copy Delete	14	13	
<input type="checkbox"/> Edit Copy Delete	15	14	
<input type="checkbox"/> Edit Copy Delete	16	15	
<input type="checkbox"/> Edit Copy Delete	17	16	
<input type="checkbox"/> Edit Copy Delete	18	17	agijo
<input type="checkbox"/> Edit Copy Delete	19	18	

Console

Show :

localhost/phpmyadmin/sql.php

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phpMyAdmin

Recent Favorites

Server: 127.0.0.1 » Database: new-gen » Table: shows

Browse Structure SQL Search Insert Export Import Privileges Operations More

+ Options

	show_id	movie_id	screen_id	theater_id	show_date_time	social_distancing	seats_remaining
<input type="checkbox"/> Edit Copy Delete	1	2	1	1	2021-06-01 09:00:00	Yes	8
<input type="checkbox"/> Edit Copy Delete	2	3	2	1	2021-06-01 09:00:00	No	12
<input type="checkbox"/> Edit Copy Delete	3	4	3	1	2021-06-01 09:00:00	No	12
<input type="checkbox"/> Edit Copy Delete	4	5	4	2	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	5	6	5	2	2021-06-01 09:00:00	Yes	4
<input type="checkbox"/> Edit Copy Delete	6	7	6	2	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	7	8	7	3	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	8	9	8	3	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	9	10	9	3	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	10	1	10	4	2021-06-01 09:00:00	Yes	8
<input type="checkbox"/> Edit Copy Delete	11	2	11	4	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	12	3	12	4	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	13	4	13	5	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	14	5	14	5	2021-06-01 09:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	15	6	15	5	2021-06-01 09:00:00	Yes	8
<input type="checkbox"/> Edit Copy Delete	16	2	1	1	2021-06-01 13:00:00	No	16
<input type="checkbox"/> Edit Copy Delete	17	8	2	1	2021-06-01 13:00:00	No	11

Console

Theater :

localhost/phpmyadmin/sql.php

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phpMyAdmin

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Procedures Tables

New customer movie screen seat shows theater ticket

Views performance_schema phpmyadmin test

Server: 127.0.0.1 » Database: new-gen » Table: theater

Browse Structure SQL Search Insert Export Import Privileges Operations More

Showing rows 0 - 4 (5 total, Query took 0.0009 seconds.)

SELECT * FROM `theater`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

		Theater_Id	Theater_Name	Theater_Rating	No_of_Screens
<input type="checkbox"/>	Edit Copy Delete	1	The Forum Vijaya Mall	4.55	3
<input type="checkbox"/>	Edit Copy Delete	2	Sathyam Movies	4.32	3
<input type="checkbox"/>	Edit Copy Delete	3	AGS Cinema	4.22	3
<input type="checkbox"/>	Edit Copy Delete	4	Luxe Cinemas	3.87	3
<input type="checkbox"/>	Edit Copy Delete	5	Palazzo	4.14	3

Check all | With selected: Edit Copy Delete Export

Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

Query results operations

Console: Copy to clipboard Export Display chart Create view

Ticket :

localhost/phpmyadmin/sql.php

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phpMyAdmin

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Procedures Tables

New customer movie screen seat shows theater ticket

Views performance_schema phpmyadmin test

Server: 127.0.0.1 » Database: new-gen » Table: ticket

Browse Structure SQL Search Insert Export Import Privileges Operations More

Showing rows 0 - 9 (10 total, Query took 0.0009 seconds.)

SELECT * FROM `ticket`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 100 | Filter rows: Search this table | Sort by key: None

+ Options

		ticket_id	show_id	customer_id	theater_name	screen_no	seat_no	price
<input type="checkbox"/>	Edit Copy Delete	186	5	11	Sathyam Movies	2	dejo	120
<input type="checkbox"/>	Edit Copy Delete	187	20	11	Sathyam Movies	2	demo	120
<input type="checkbox"/>	Edit Copy Delete	188	3	11	The Forum Vijaya Mall	3	finp	110
<input type="checkbox"/>	Edit Copy Delete	189	17	11	The Forum Vijaya Mall	2	agijo	100
<input type="checkbox"/>	Edit Copy Delete	190	49	11	Sathyam Movies	1	bjko	100
<input type="checkbox"/>	Edit Copy Delete	191	2	11	The Forum Vijaya Mall	2	fkln	100

Check all | With selected: Edit Copy Delete Export

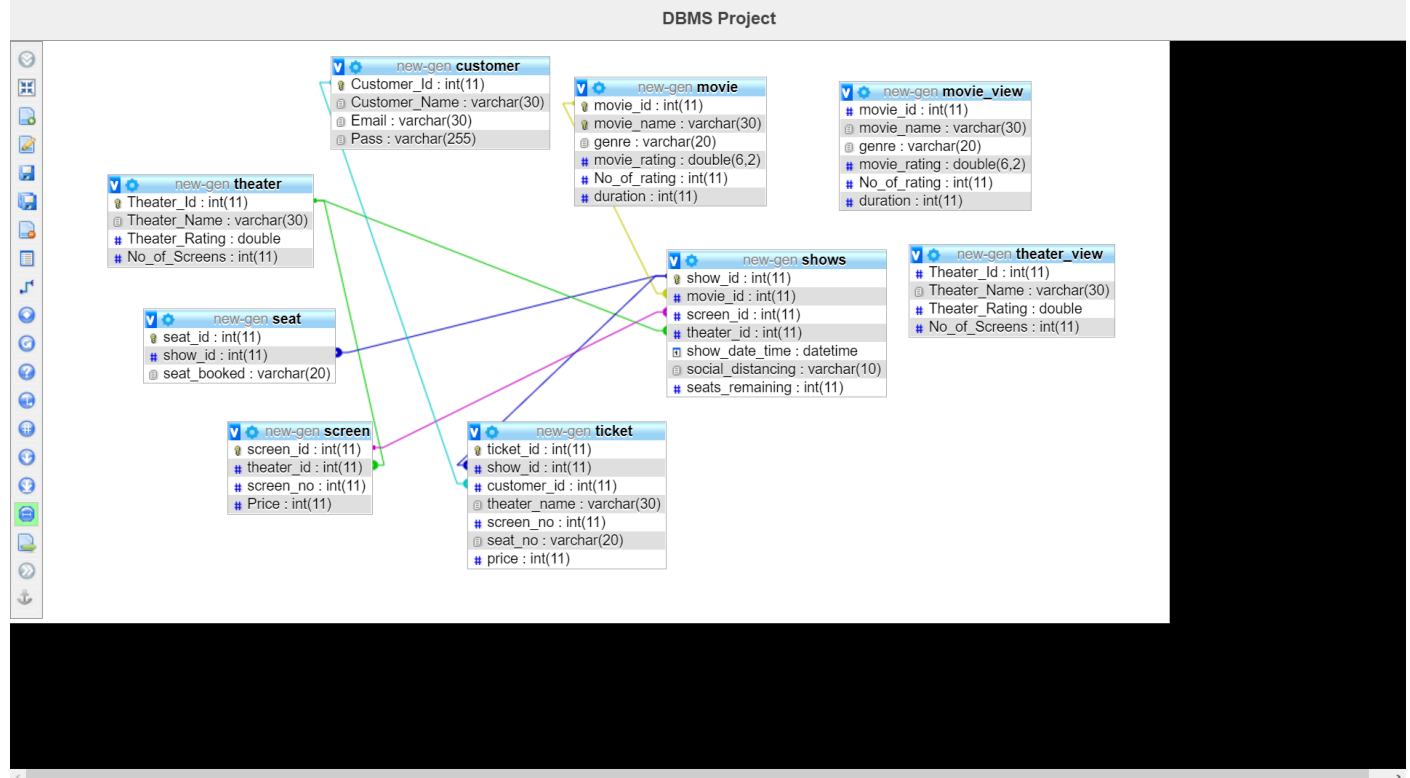
Show all | Number of rows: 100 | Filter rows: Search this table | Sort by key: None

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

Schema Diagram:



Team Mates :

1. NandhaKumar – 2019103546
2. Aditya Lakshmanan – 2019103003
3. Venkata Suhaas Varma Kalidindi - 2019103610