

INFSCI 2710

Database Management

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Title: Book My Sport

Technologies Used:

Frontend: AngularJS

Backend: Java JDBC

Database: MySQL

Description:

“Book My Sport” is an online ticket booking application for sports events. The application covers 6 major cities of the United States, providing ticket booking facility across 30+ stadiums and covering multiple sports.

The web application allows the user to search sports events by event name, stadium, city and sport. The user can select an event from the list of events displayed on the result page. In the event description page the user can select type of seat (VIP or Regular) and number of seats for two categories (adults and children). On selecting the type and number of seats the user can checkout and pay using their card details or bank account details and generate a ticket.

The web application also has an interactive google maps page. On selecting a city from the search page, the user lands on a Google Maps page where all the stadiums of that area are highlighted. These Google Maps Markers are clickable and on click take the user to result page where the events are filtered as per the stadium selected.

Assumptions:

1. All stadiums have the same capacity i.e. 150 total, out of which 100 is for regular seats and 50 for VIP seats.
2. Seats allocation is random and not numbered. The user selects the type of seats and number of seats.
3. The user can search only use one word at a time while searching for events.

Database Tables:

customer: Contains basic details of the customer such as name, email(username) and phone number.

login_creds : Contains the passwords for customers. The passwords were kept out of the customer table for security reasons.

event_list : Contains all the events and its required details such as event name, event location, event time, participating teams etc.

field_details : Stadium details consisting of name, address, capacity, latitude & longitude etc.

Seat_details : Contains the rates for each category of seat in different stadiums.

Team_details : Contains team name, sport played, total win, loss count etc.

Transaction: Stores the details and the mode of payment used by the customer to pay for their ticket.

Ticket: After a transaction is completed a ticket record is created consisting of event details, customer details and transaction details.

Database Schema:

Customer Table:

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-19:sql.php?db=book_my_sp...

phpMyAdmin

Recent Favorites

- New
- book
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Server: localhost Database: book_my_sport Table: customer

Options

	customer_id	first_name	last_name	phone_number	username
	1	Melany	Cruckshank	7908443468	rex.sauer@hotmail.com
	2	Rory	Champlin	1955413832	pspencer@yahoo.com
	3	America	Rice	1773388315	roiy58@hotmail.com
	4	Chase	Wefner	8743809224	hithr.fiorine@gmail.com
	5	Garret	Collins	2068179007	windler.jeremy@gmail.com
	6	Toni	Wiegand	5102263116	monserate59@hotmail.com
	7	Dayne	West	7586625856	gia.cremm@gmail.com
	8	Ernest	Hackett	450939219	gaylord.wolf@hotmail.com
	9	Ellis	Ferry	1258861911	nova77@yahoo.com
	10	Haille	Lynch	2356036705	lehner.letia@gmail.com
	11	Freeman	Morar	3412080784	toy.aaron@hotmail.com
	12	Madalyn	Champlin	2293718960	bechtelar.ehvera@hotmail.com
	13	Buster	Upton	6749320477	gcollier@yahoo.com
	14	Vena	Beer	6948793819	schultz.clark@yahoo.com
	15	Melyssa	Konopelski	880958542	dgreen@hotmail.com
	16	Ezekiel	Kuhlman	4009758513	ystracke@yahoo.com
	17	Kamille	Bashirian	9365239008	initzsche@hotmail.com
	18	Chris	Hoeger	7271312414	mbeer@gmail.com
	19	Ivy	Robel	6199835883	schultz.brielle@gmail.com
	20	Rusty	Lang	7248616707	fritche@gmail.com
	21	Miller	O'Keefe	9434108650	pcrooks@gmail.com
	22	Cortney	Frame	4195540603	alfonso01@gmail.com

Type here to search

5:27 PM 12/3/2018

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-36:tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

- New
- book
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Server: localhost Database: book_my_sport Table: customer

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	customer_id	int(11)			No	None	AUTO_INCREMENT	
2	first_name	varchar(30)	latin1_swedish_ci		No	None		
3	last_name	varchar(30)	latin1_swedish_ci		No	None		
4	phone_number	varchar(15)	latin1_swedish_ci		Yes	NULL		
5	username	varchar(30)	latin1_swedish_ci		No	None		

Check All With selected Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after username Go

Indexes

Information

Space usage		Row statistics	
Data	16 KB	Format	Compact
Index	48 KB	Collation	latin1_swedish_ci
Total	64 KB	Next autoindex	281
		Creation	Dec 03, 2018 at 02:27 PM

localhost/phpmyadmin/tbl_structure.php?db=book_my_sport&table=customer&token=dbf7f0c92ba8b6c050923c13278b9eae

Type here to search

5:35 PM 12/3/2018

localhost / localhost / book_my_...

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba86c050923c13278b9eae#PMAURL-37:sql.php?db=book_my_sp...

phpMyAdmin

Recent Favorites

New

- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- team_details
- ticket
- transaction

lab

lar146

yelp_db

Server: localhost Database: book_my_sport Table: event_list

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 1 (2 total. Query took 0.0015 seconds.)

SELECT * FROM `event_list`

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

	event_id	name	event_date	team1_id	team2_id	event_location	create_datetime	soldout_datetime	r_remaining_seats	event_status	v_remaining_seats
1	PPG Event 2019	2018-11-19 20:30:00	1	2	1	2018-09-19 20:30:00	2018-11-17 12:01:00	0	completed	50	
2	PPG Event 2018	2018-11-27 19:05:00	3	4	2	2018-09-27 19:05:00	0000-00-00 00:00:00	10	upcoming	50	

Check All With selected: Edit Delete Export

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print view Print view (with full texts) Export Display chart Create view

Console

Type here to search

5:36 PM 12/3/2018

localhost / localhost / book_my_...

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba86c050923c13278b9eae#PMAURL-38:tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

New

- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction

lab

lar146

yelp_db

Server: localhost Database: book_my_sport Table: event_list

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	event_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	name	varchar(20)	latin1_swedish_ci		No	Event Name		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	event_date	datetime			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	team1_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	team2_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	event_location	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	create_datetime	datetime			No	CURRENT_TIMESTAMP		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	soldout_datetime	datetime			Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
9	r_remaining_seats	int(11)			No	100		Change Drop Primary Unique Index Spatial Fulltext Distinct values
10	event_status	varchar(25)	latin1_swedish_ci		No	upcoming		Change Drop Primary Unique Index Spatial Fulltext Distinct values
11	v_remaining_seats	int(11)			No	50		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected: Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after v_remaining_seats Go

Indexes

Information

Space usage		Row statistics	
Data	16 KB	Format	Compact
Index	48 KB	Collation	latin1_swedish_ci
Total	64 KB	Next autoindex	3
		Creation	Dec 03, 2018 at 02:27 PM

Console

Type here to search

5:36 PM 12/3/2018

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-39sql.php?db=book_my_sp...

phpMyAdmin

Recent Favorites

- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Server: localhost Database: book_my_sport Table: field_details

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

SELECT * FROM `field_details`

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

Show all Number of rows: All Filter rows Search this table

Sort by key: None

Options

	field_id	field_name	field_location	City	State	Zipcode	Latitude	Longitude	contact_number	r_capacity	v_capacity			
<input type="checkbox"/>	Edit	Copy	Delete	1	Wrigley Field	1060 West Addison Street	Chicago	Illinois	60613	41.948	-87.6557	854-412-7589	50	100
<input type="checkbox"/>	Edit	Copy	Delete	2	PPG Paint Arena	1001 Fifth Ave	Pittsburgh	Pennsylvania	15219	40.4398	-79.9879	521-789-6958	50	100
<input type="checkbox"/>	Edit	Copy	Delete	3	Heinz Field	100 Art Rooney Ave	Pittsburgh	Pennsylvania	15212	40.4468	-80.0158	412-697-7150	50	100
<input type="checkbox"/>	Edit	Copy	Delete	4	Lincoln Financial Field	1 Lincoln Financial Field Way	Philadelphia	Pennsylvania	19148	39.9008	-75.1675	412-697-1111	50	100
<input type="checkbox"/>	Edit	Copy	Delete	5	Wells Fargo Center Philadelphia	3601 S Broad St	Philadelphia	Pennsylvania	19148	39.9012	-75.172	412-697-1112	50	100
<input type="checkbox"/>	Edit	Copy	Delete	6	Citizens Bank Park	1 Citizens Bank Way	Philadelphia	Pennsylvania	19148	39.9001	-75.1665	412-697-1113	50	100
<input type="checkbox"/>	Edit	Copy	Delete	7	McCarthy Stadium	1900 W Olney Ave	Philadelphia	Pennsylvania	19141	40.0372	-75.1541	412-697-1114	50	100
<input type="checkbox"/>	Edit	Copy	Delete	8	Hagan Arena	2450 N 54th St	Philadelphia	Pennsylvania	19131	39.9957	-75.2351	412-697-1115	50	100
<input type="checkbox"/>	Edit	Copy	Delete	9	Dodger Stadium	1000 Vin Scully Ave	Los Angeles	California	90012	34.0739	-118.24	412-697-1116	50	100
<input type="checkbox"/>	Edit	Copy	Delete	10	Staples Center	1111 S Figueroa St	Los Angeles	California	90015	34.043	-118.267	412-697-1117	50	100
<input type="checkbox"/>	Edit	Copy	Delete	11	Drake Stadium	340 Bruin Walk	Los Angeles	California	90095	34.0716	-118.448	412-697-1118	50	100
<input type="checkbox"/>	Edit	Copy	Delete	12	StubHub Center	18400 S Avalon Blvd	Los Angeles	California	90746	33.8644	-118.261	412-697-1119	50	100
<input type="checkbox"/>	Edit	Copy	Delete	13	LA Memorial Coliseum	3911 S Figueroa St	Los Angeles	California	90037	34.0141	-118.288	412-697-1120	50	100
<input type="checkbox"/>	Edit	Copy	Delete	14	Bank of California Stadium	3939 S Figueroa St	Los Angeles	California	90037	34.0128	-118.285	412-697-1121	50	100
<input type="checkbox"/>	Edit	Copy	Delete	16	Guaranteed Rate Field	333 W 35th St	Chicago	Illinois	60616	41.8299	-87.6338	412-697-1122	50	100
<input type="checkbox"/>	Edit	Copy	Delete	17	United Center	1901 W Madison St	Chicago	Illinois	60612	41.8807	-87.6742	412-697-1123	50	100

Console Hit

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-40tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Server: localhost Database: book_my_sport Table: field_details

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	field_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	field_name	varchar(200)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	field_location	varchar(255)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	City	varchar(30)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	State	varchar(30)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	Zipcode	char(5)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	Latitude	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	Longitude	float			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
9	contact_number	varchar(20)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
10	r_capacity	int(11)			No	50		Change Drop Primary Unique Index Spatial Fulltext Distinct values
11	v_capacity	int(11)			No	100		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after v_capacity Go

Indexes

Information

Space usage	Row statistics
Data 16 KB	Format Compact
Index 32 KB	Collation latin1_swedish_ci
Total 48 KB	Next autoindex 34

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-41:sql.php?db=book_my_sp...

phpMyAdmin

Recent Favorites

- New
- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Server: localhost Database: book_my_sport Table: login_creds

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0010 seconds)

SELECT * FROM 'login_creds'

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

customer_id pwd

1 randompwd

2 protectedpwd

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print view Print view (with full texts) Export Display chart Create view

localhost/phpmyadmin/sql.php?server=1&db=book_my_sport&table=login_creds&pos=0&token=dbf7f0c92ba8b6c050923c13278b9eae

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-42:tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

- New
- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Server: localhost Database: book_my_sport Table: login_creds

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	customer_id	int(11)		No	None			Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	pwd	varchar(20)	latin1_swedish_ci	Yes	NULL			Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after pwd Go

Indexes

Information

Space usage		Row statistics	
Data	18 KIB	Format	Compact
Index	10 KIB	Collation	latin1_swedish_ci
Total	32 KIB	Creation	Dec 03, 2018 at 02:27 pm

localhost/phpmyadmin/tbl_structure.php?db=book_my_sport&table=login_creds&token=dbf7f0c92ba8b6c050923c13278b9eae

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-44:tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

- New
- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Table structure

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	seat_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	field_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	seat_category	enum('VIP', 'Regular')	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	adult_price	int(11)			No	10		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	child_price	int(11)			No	6		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after child_price Go

Indexes

Information

Space usage		Row statistics	
Data	16 K B	Format	Compact
Index	9 B	Collation	latin1_swedish_ci
Total	16 K B	Next autoindex	1
		Creation	Dec 03, 2018 at 04:05 PM

Console

Type here to search

5:38 PM 12/3/2018

localhost / localhost / book_my_... x

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-45:tbl_structure.php?db=book_my.sp...

phpMyAdmin

Recent Favorites

- New
- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction
- lab
- lar146
- yelp_db

Showing rows 0 - 24 (106 total, Query took 0.0004 seconds.)

SELECT * FROM 'team_details'

Profiling Edit inline Edit Explain SQL Create PHP Code Refresh

1 > >> Show all Number of rows: 25 Filter rows: Search this table

Sort by key: None

Options

	team_id	team_name	sport_played	total_win	total_loss	total_match
Edit Copy Delete	1	Manchester United	Soccer	150	70	225
Edit Copy Delete	2	Liverpool	Soccer	180	50	235
Edit Copy Delete	3	LA Angels	Baseball	100	70	170
Edit Copy Delete	4	NY Yankees	Baseball	150	30	182
Edit Copy Delete	5	India	Cricket	200	100	320
Edit Copy Delete	6	Australia	Cricket	210	90	315
Edit Copy Delete	7	Real Madrid	Soccer	50	20	75
Edit Copy Delete	8	Barcelona	Soccer	110	20	130
Edit Copy Delete	9	Athletico Madrid	Soccer	200	10	222
Edit Copy Delete	10	Juventus	Soccer	75	12	90
Edit Copy Delete	11	PSG	Soccer	210	15	230
Edit Copy Delete	12	LA Galaxy	Soccer	55	10	69
Edit Copy Delete	13	Bayern Munchen	Soccer	140	40	186
Edit Copy Delete	14	Borussia Dortmund	Soccer	60	20	90

Console

Type here to search

5:38 PM 12/3/2018

localhost / localhost / book_my_

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-46tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

New

- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction

lab

lar146

yelp_db

Server: localhost * Database: book_my_sport * Table: team_details

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	team_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	team_name	varchar(100)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	sport_played	varchar(100)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	total_win	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	total_loss	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	total_match	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after total_match Go

Indexes

Information

Space usage		Row statistics	
Data	16 KKB	Format	Compact
Index	16 KKB	Collation	latin1_swedish_ci
Total	32 KKB	Next autoindex	134
		Creation	Dec 03, 2018 at 02:27 PM

localhost/phpmyadmin/tbl_structure.php?db=book_my_sport&table=team_details&token=dbf7f0c92ba8b6c050923c13278b9eae

Type here to search

5:39 PM 12/3/2018

localhost / localhost / book_my_

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-48tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

New

- book
- my
- book_my_game
- book_my_sport
- New
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction

lab

lar146

yelp_db

Server: localhost * Database: book_my_sport * Table: ticket

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	ticket_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	event_id	int(11)			Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	customer_id	int(11)			Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	transaction_id	int(11)			Yes	NULL		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	seat_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
6	adult_seats_booked	int(11)			Yes	0		Change Drop Primary Unique Index Spatial Fulltext Distinct values
7	child_seats_booked	int(11)			No	0		Change Drop Primary Unique Index Spatial Fulltext Distinct values
8	ticket_creation_date	timestamp			No	CURRENT_TIMESTAMP		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Check All With selected Browse Change Drop Primary Unique Index

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after ticket_creation_date Go

Indexes

Information

Space usage		Row statistics	
Data	16 KKB	Format	Compact
Index	8 B	Collation	latin1_swedish_ci
Total	16 KKB	Next autoindex	1
		Creation	Dec 03, 2018 at 02:27 PM

Console

Type here to search

5:40 PM 12/3/2018

localhost / localhost / book_my_ X

localhost/phpmyadmin/tbl_import.php?db=book_my_sport&table=team_details&server=1&target=&token=dbf7f0c92ba8b6c050923c13278b9eae#PMAURL-50tbl_structure.php?db=bo...

phpMyAdmin

Recent Favorites

New

- book
- book_my_game
- book_my_sport
- customer
- event_list
- field_details
- login_creds
- seat_details
- team_details
- ticket
- transaction

lab

lar146

yelp_db

Server: localhost * Database: book_my_sport * Table: transaction

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

#	Name	Type	Collation	Attributes	Null	Default	Extra	Action
1	transaction_id	int(11)			No	None	AUTO_INCREMENT	Change Drop Primary Unique Index Spatial Fulltext Distinct values
2	amount	int(11)			No	0		Change Drop Primary Unique Index Spatial Fulltext Distinct values
3	card_no	char(16)	latin1_swedish_ci		No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values
4	date	datetime			No	CURRENT_TIMESTAMP		Change Drop Primary Unique Index Spatial Fulltext Distinct values
5	customer_id	int(11)			No	None		Change Drop Primary Unique Index Spatial Fulltext Distinct values

Print view Propose table structure Move columns Improve table structure

Add 1 column(s) after customer_id Go

+ Indexes

Information

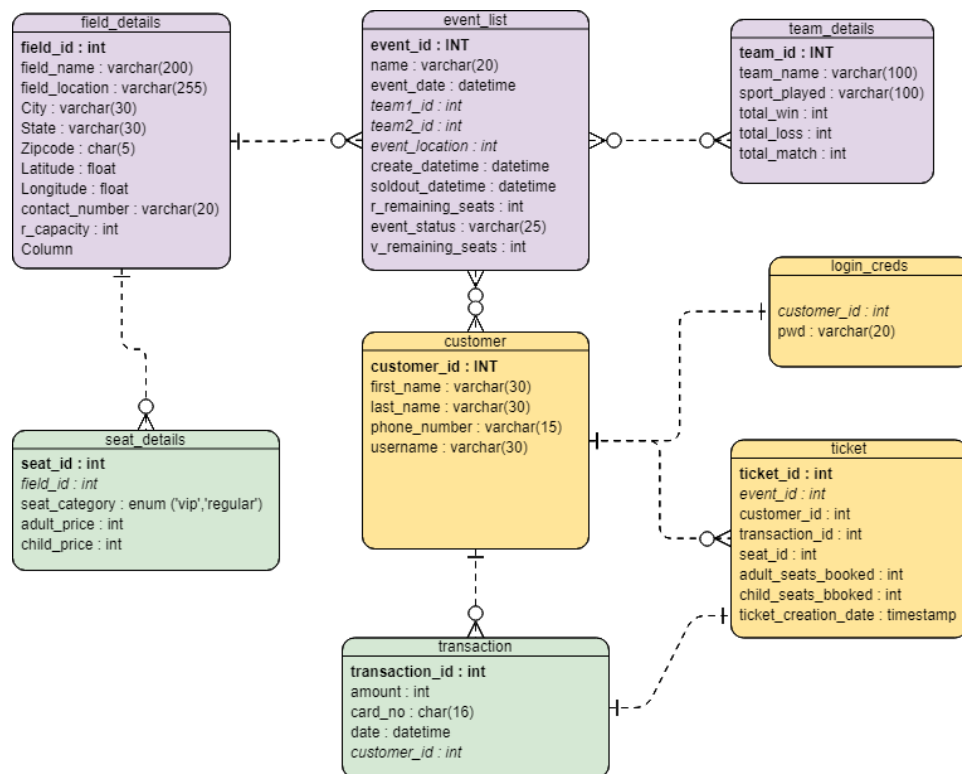
Space usage		Row statistics	
Data	0 B	Format	static
Index	1 KGB	Collation	latin1_swedish_ci
Total	1 KGB	Rows	0
		Next autoindex	1
		Creation	Dec 03, 2018 at 02:27 PM
		Last update	Dec 03, 2018 at 02:27 PM

localhost/phpmyadmin/tbl_structure.php?db=book_my_sport&table=transaction&token=dbf7f0c92ba8b6c050923c13278b9eae

Type here to search

5:40 PM 12/3/2018

Entity Relation Diagram

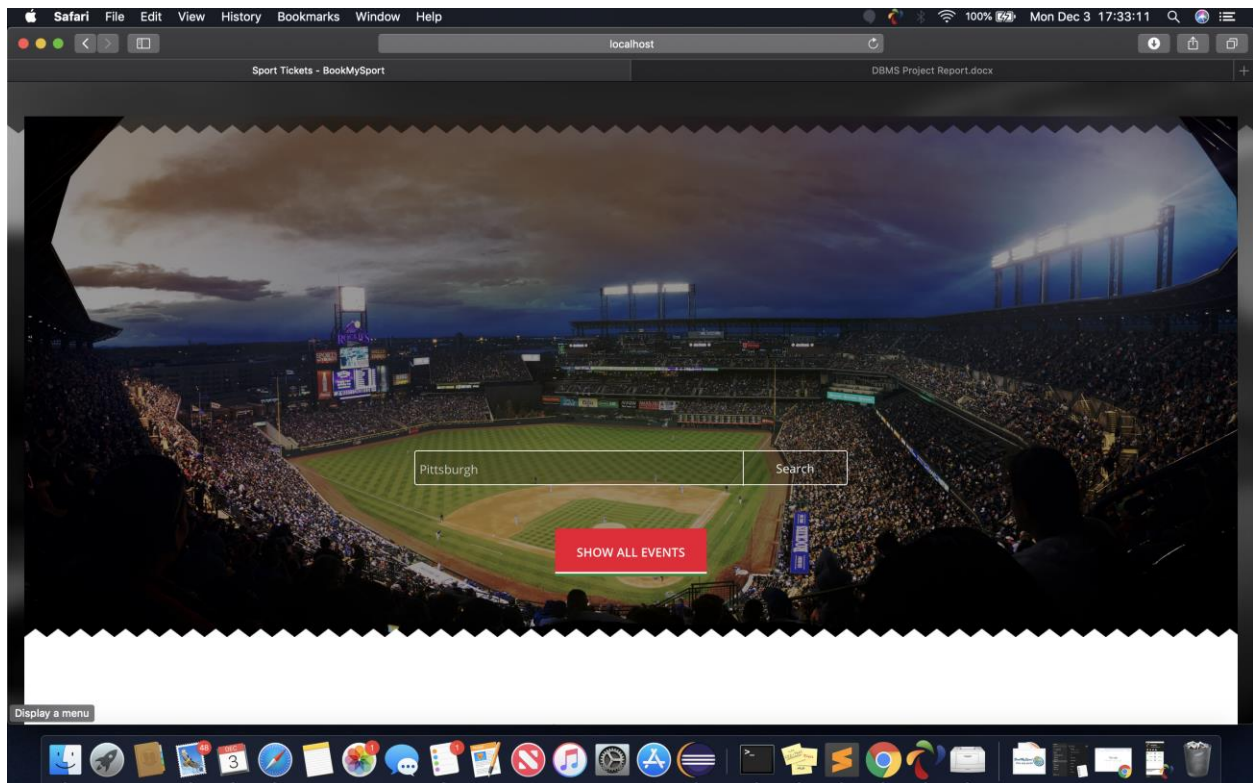


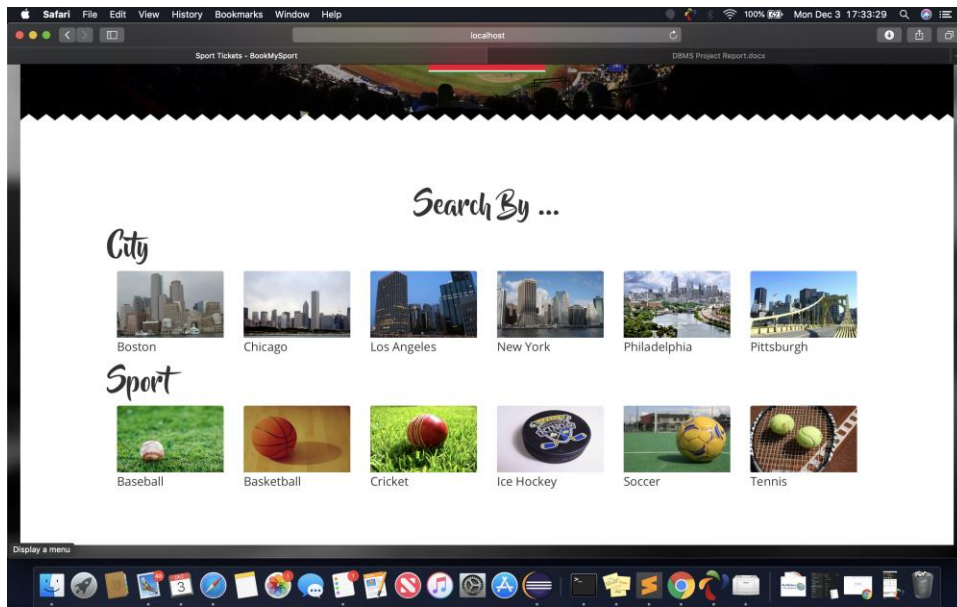
Application screenshots and flow :

Initial page :

This page has a search bar which does a search across all events, stadiums and cities, or the user can choose to display all events.

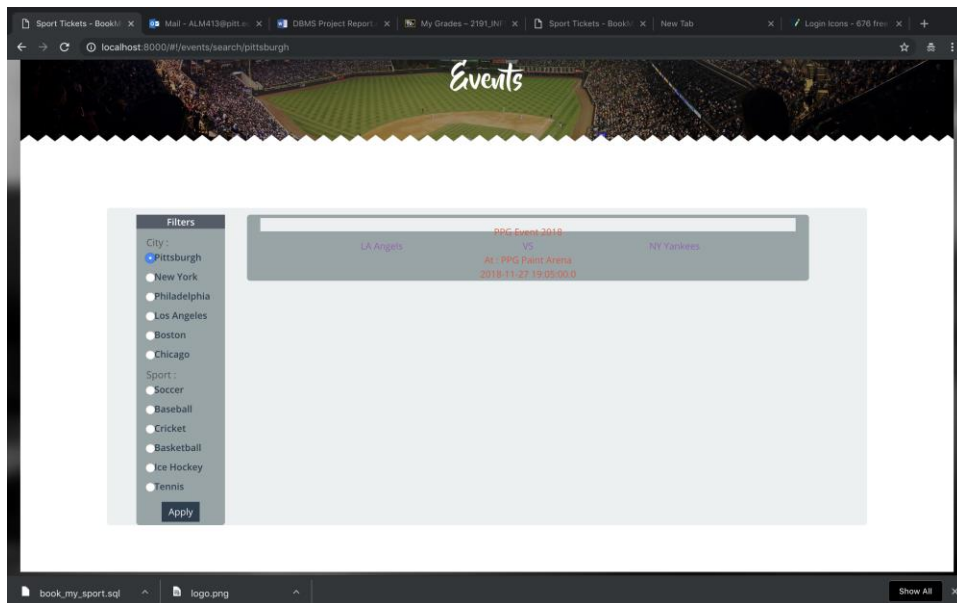
This page also has options to select a city which take the user to the google maps page. The sports options below the city take the user directly to the search result page applying the sport as a filter.





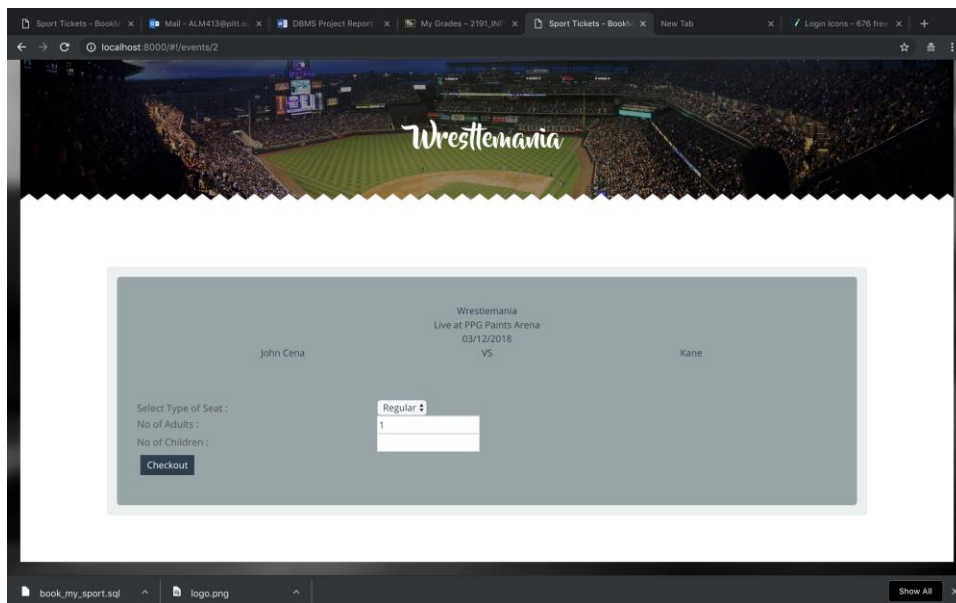
Search Result Page:

This page displays the list of events based on the chosen filters, from the previous page. On this page the user can further apply more filters.



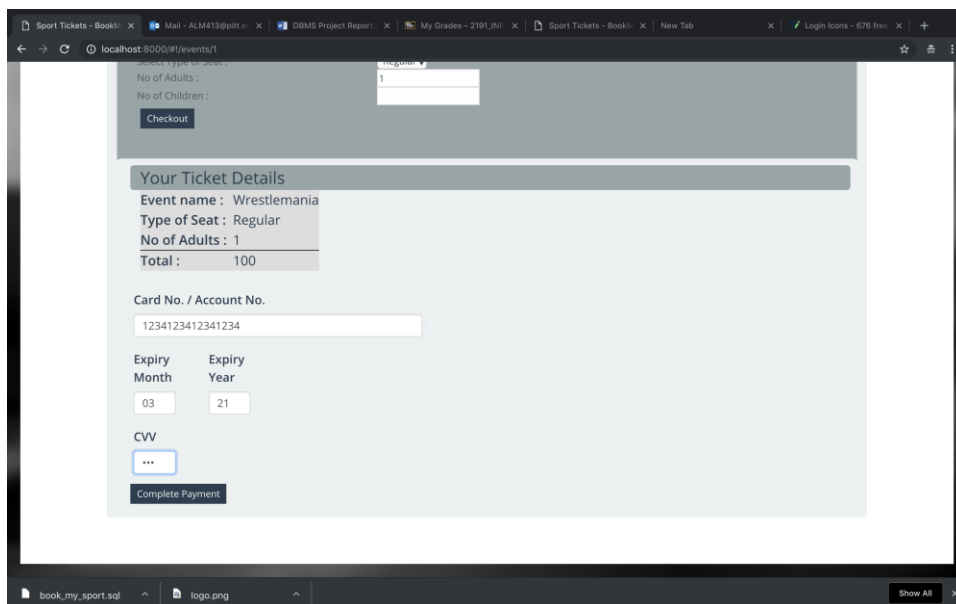
Event Details Page:

On this page the user is shown the details of a selected event and has an option to choose seats both number and type/category. This page also displays the details of the teams who are participating in the event.



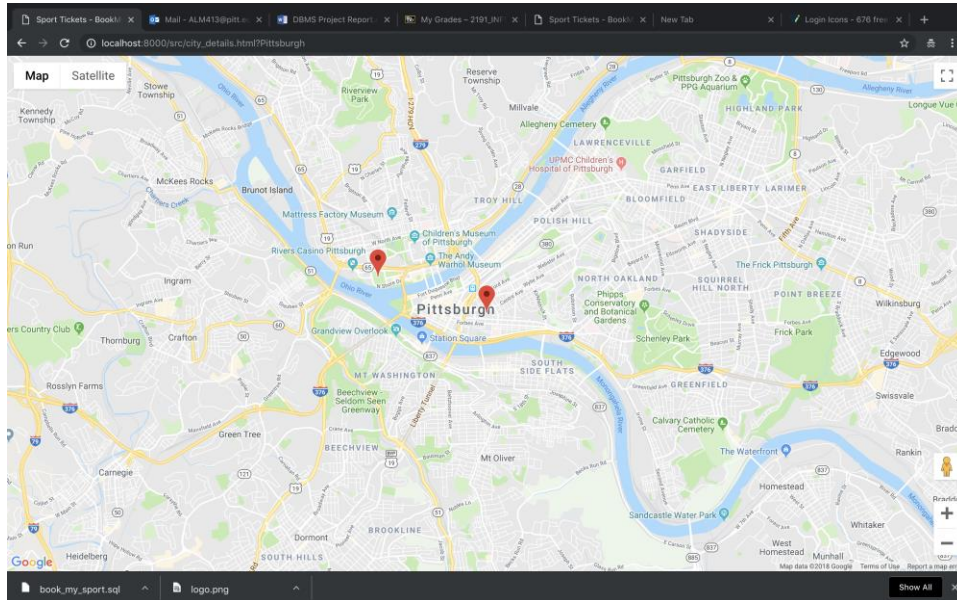
Check out page:

On this page the user is shown the details of his ticket. Then the user can pay using their card details or account details, to confirm the ticket.

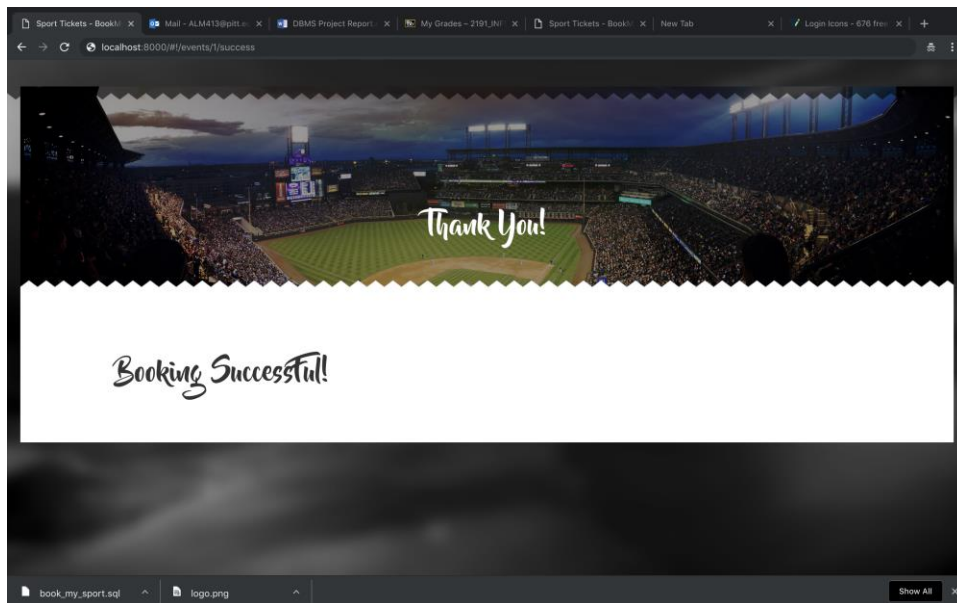


Map view page :

On this page the user is shown stadiums in a selected city and has the option to filter events based on the selected stadium.



Success Page



Future Improvements:

1. Improve security
2. Implement Stored Procedures and function
3. Indexing

4. Normalization
5. Data validation in the backend
6. Give users ability to choose seat numbers