

Data Base Management System

Mini Project

Team Mates

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MINI PROJECT REPORT

STADIUM TICKET BOOKING SYSTEM

AIM

The aim of the project is to create a system which makes it easier for the ticket purchaser, select seat that they want and give them parking spot depending on the categories selected, ticket purchaser can request food by choice, this modern system will make it easier to organize the stadium

INTRODUCTION :

A database management system (DBMS) is a software tool that enables users to manage a database easily. It allows users to access and interact with the underlying data in the database. But it has some disadvantages such as database failures, complexity, higher cost and some other hacking techniques such as SQL injection.

BACKGROUND OF PROJECT :

- Stadium is the place where the people get together to watch the matches of cricket, football, hockey and many more. But to watch these matches one need to book a seat for that matter. To get a seat in the stadium to watch the matches sometimes it will be a difficult job.
- Stadium Ticket Booking System is an application which refers to booking systems which are generally small or medium in size. It is used by to manage the stadium using a computerized system where he/she can record various transactions like issue of seats, addition of new events and etc. system maintenance modules are also included in this system which would keep track of the seats using the stadium and also a detailed description about these seats of stadium which generally happens when a non computerized system is used.

SOFTWARE AND HARDWARE REQUIREMENTS :

SOFTWARE REQUIREMENTS

- Operating system- Windows 7 is used as the operating system as it is stable and supports more features and is more user friendly
- Database MYSQL-MYSQL is used as database as it easy to maintain and retrieve records by simple queries which are in English language which are easy to understand and easy to write.
- Development tools and Programming language- HTML is used to write the whole code and develop webpages with css, java script for styling work and php for sever side scripting.

HARDWARE REQUIREMENTS

- Intel core i5 2nd generation is used as a processor because it is fast than other processors an provide

reliable and stable and we can run our pc for longtime.

- By using this processor we can keep on developing our project without any worries.
- Ram 1 gb is used as it will provide fast reading and writing capabilities and will in turn support in processing

SOFTWARE TOOLS USED :

The whole Project is divided in two parts the front end and the back end.

Front End :

The front end is designed using of Html, Java script.

❖ **HTML-** HTML or Hyper Text Markup Language is the main markup language for creating web pages and other information that can be displayed in a web browser. HTML is written in the form of HTML elements consisting of tags enclosed in angle brackets (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent empty elements and so are unpaired, for example .

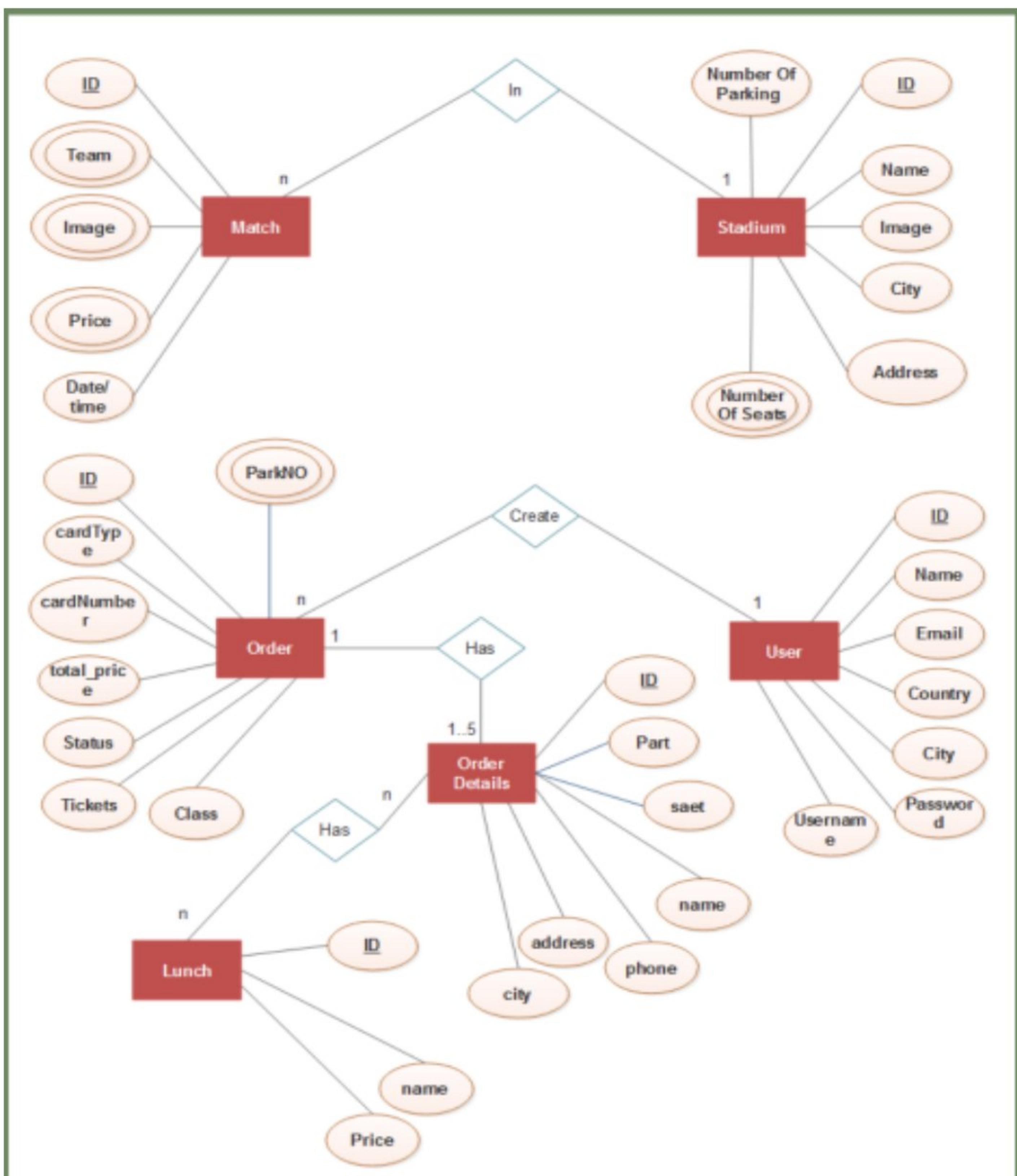
❖ JAVA SCRIPT- JavaScript (JS) is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also being used in server-side programming, game development and the creation of desktop and mobile applications.

Back End :

The back end is designed using mysql which is used to design the databases.

★MYSQL- MySQL ("My S-Q-L", officially, but also called "My Sequel") is (as of July 2013) the world's second most widely used open-source relational database management system (RDBMS). It is named after co-founder Michael Widenius daughter, My. The SQL phrase stands for Structured Query Language. The MySQL development project has made its source code available under the terms of the GNU General Public License, as well as under a variety of proprietary agreements.

ER DIAGRAM :



SCREENSHOTS

1 Customer Information → 2 Lunches → 3 Payment Details

Delivery and Contact Details

Full Name:

Email:

Phone:

City:

Address:

Part:

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Order Details

Ticket Category:
Gold Class

Price / Ticket 1500SR

Quantity x1

Total Price 1500SR

Stadium Tickets Home All Events About Welcome taisal773 +

1 Customer Information → 2 Lunches → 3 Payment Details

Lunches

Soft drinks Price : 10
 Beef Burger Price : 30
 Chicken Burger Price : 25

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Order Details

Ticket Category:
Gold Class

Price / Ticket 1500SR

Quantity x1

Total Price 1500SR

SQL SOURCE CODE

```
-- phpMyAdmin SQL Dump
-- version 4.8.0
-- https://www.phpmyadmin.net/
--
-- Host: 127.0.0.1
-- Generation Time: Jun 25, 2018 at 06:34 PM
-- Server version: 10.1.31-MariaDB
-- PHP Version: 5.6.35

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
SET AUTOCOMMIT = 0;
START TRANSACTION;
SET time_zone = "+00:00";
/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

--
-- Database: `db_concerts`
--
```

-- Table structure for table `tbl_bookings`

```
CREATE TABLE `tbl_bookings` (
  `book_id` varchar(20) NOT NULL,
  `ticket_id` varchar(30) NOT NULL,
  `t_id` int(11) NOT NULL COMMENT 'stadium id',
  `user_id` int(11) NOT NULL,
  `show_id` int(11) NOT NULL,
  `screen_id` int(11) NOT NULL,
  `no_seats` int(3) NOT NULL COMMENT 'number of seats',
  `amount` int(5) NOT NULL,
  `ticket_date` date NOT NULL,
  `date` date NOT NULL,
  `status` int(1) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

-- Dumping data for table `tbl_bookings`

```
--  
INSERT INTO `tbl_bookings` (`book_id`, `ticket_id`, `t_id`, `user_id`, `show_id`, `screen_id`, `no_seats`, `amount`, `ticket_date`, `date`, `status`) VALUES  
( 'BKID5706817', 'TICKID3168151', 14, 24, 12, 7, 1, 75, '2018-07-06', '2018-06-23', 1);
```

-- Table structure for table `tbl_concert`

```
--  
CREATE TABLE `tbl_concert` (
  `concert_id` int(11) NOT NULL,
  `t_id` int(11) NOT NULL COMMENT 'Stadium id',
```

```

`concert_name` varchar(100) NOT NULL,
`cast` varchar(500) NOT NULL,
`desc` varchar(1000) NOT NULL,
`release_date` date NOT NULL,
`image` varchar(200) NOT NULL,
`video_url` varchar(200) NOT NULL,
`status` int(1) NOT NULL COMMENT '0 means active'
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

```

-- Dumping data for table `tbl_concert`

```
--INSERT INTO `tbl_concert` (`concert_id`, `t_id`, `concert_name`, `cast`, `desc`, `release_date`, `image`, `video_url`, `status`) VALUES
```

(1, 3, 'Metallica', 'James Hetfield,Lars Ulrich,Kirk,Hammett,Robert Trujillo', '\r\nMetallica is an American heavy metal band. The band was formed in 1981 in Los Angeles, California by drummer Lars Ulrich and vocalist/guitarist James Hetfield, and has been based in San Francisco, California for most of its career.', '2010-05-05', 'images/Metallica.png', 'https://www.youtube.com/watch?v=Ckom3gf57Yw', 0),

(2, 4, 'Scorpions\r\n', 'Rudolf Schenker,Klaus Meine,Matthias Jabs,Pawel Maciwoda,Mikkey Dee', 'Scorpions are a German rock band formed in 1965 in Hanover by Rudolf Schenker', '2014-07-11', 'images/Scorpions.png', 'https://www.youtube.com/watch?v=n4RjJKxsamQ', 0),

(3, 14, 'AC/DC', 'Angus Young,Chris Slade,Stevie Young,Axl Rose', 'AC/DC are an Australian rock band, formed in Sydney in 1973 by brothers Malcolm and Angus Young.\r\n', '2013-07-01', 'images/acdc.png', 'https://www.youtube.com/watch?v=v2AC41dglnM', 0),

(8, 3, 'Guns N Roses', 'Axl Rose,Duff McKagan,Slash,Dizzy Reed,Richard Fortus,Frank Ferrer,Melissa Reese', 'Guns N\' Roses, often abbreviated as GNR, is an American hard rock band from Los Angeles, California, formed in 1985.\r\n', '2012-07-19', 'images/gunsnroses.png', 'https://www.youtube.com/watch?v=1w7OgIMMRc4', 0),

(14, 4, 'The Rolling Stones', 'Mick Jagger,Keith Richards,Charlie Watts,Ronnie Wood', 'The Rolling Stones are an English rock band formed in London, England in 1962.', '2013-07-12', 'images/rolling.png', 'https://www.youtube.com/watch?v=qEuV82GqQnE', 0);

```
--  
-- Table structure for table `tbl_login`  
  
CREATE TABLE `tbl_login` (  
    `id` int(11) NOT NULL,  
    `user_id` int(11) NOT NULL,  
    `username` varchar(50) NOT NULL COMMENT 'email',  
    `password` varchar(50) NOT NULL,  
    `user_type` int(1)  
 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

-- Dumping data for table 'tbl_login'

- -

```
INSERT INTO `tbl_login` ('id', 'user_id', 'username', 'password', 'user_type') VALUES  
(42, 28, 'ts@hotmail.com', 'ts', 0);
```

10

-- Table structure for table 'tbl_news'

- -

```
CREATE TABLE `tbl_news` (
```

```
'news_id' int(11) NOT NULL,  
'name' varchar(100) NOT NULL,  
'cast' varchar(100) NOT NULL,
```

```
 `news_date` date NOT NULL,  
 `description` varchar(200) NOT NULL,  
 `attachment` varchar(200) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

```
--
```

```
-- Dumping data for table `tbl_news`
```

```
--
```

```
INSERT INTO `tbl_news` ('news_id', 'name', 'cast', 'news_date', 'description', 'attachment') VALUES  
(3, 'Red Hot Chili Peppers\r\n', 'Anthony Kiedis\r\n', 'Flea\r\n', 'Chad Smith\r\n', 'Josh Klinghoffer',  
'2018-10-15', 'Red Hot Chili Peppers are an American funk rock band formed in Los Angeles in 1983.  
\r\n\r\n\r\n\r\n\r\n', 'new/hot.png'),  
(5, 'Linkin Park', 'Rob Bourdon\r\n', 'Brad Delson\r\n', 'Mike Shinoda\r\n', 'Dave Farrell\r\n', 'Joe Hahn\r\n',  
'2018-11-21', 'Linkin Park is an American rock band from Agoura Hills, California.', 'new/link.png'),  
(6, 'Green Day', 'Billie Joe Armstrong\r\n', 'Mike Dirnt\r\n', 'Tre Cool', '2018-10-18', 'Green Day is an  
American punk rock band formed in 1986 by lead vocalist and guitarist Billie Joe Armstrong and bassist  
Mike Dirnt.', 'new/green.png');
```

```
-- -----
```

```
--
```

```
-- Table structure for table `tbl_registration`
```

```
--
```

```
CREATE TABLE `tbl_registration` (  
 `user_id` int(11) NOT NULL,  
 `name` varchar(50) NOT NULL,
```

```
 `email` varchar(50) NOT NULL,  
 `phone` varchar(12) NOT NULL,  
 `age` int(2) NOT NULL,  
 `gender` varchar(10) NOT NULL,  
 `totalAmount` decimal(8,2) NOT NULL,  
 `lastUpdate` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
```

--

```
-- Dumping data for table `tbl_registration`
```

--

```
INSERT INTO `tbl_registration` ('user_id', 'name', 'email', 'phone', 'age', 'gender', 'totalAmount',  
'lastUpdate') VALUES  
(28, 'ts', 'ts@hotmail.com', '6940000000', 12, 'Male', '1600.00', '2018-06-25 16:34:13');
```

```
--
```

```
-- Table structure for table `tbl_screens`
```

--

```
CREATE TABLE `tbl_screens` (  
 `screen_id` int(11) NOT NULL,  
 `t_id` int(11) NOT NULL COMMENT 'theatre id',  
 `screen_name` varchar(110) NOT NULL,  
 `seats` int(11) NOT NULL COMMENT 'number of seats',
```

```
    `charge` int(11) NOT NULL  
 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `tbl_screens`  
--  
  
INSERT INTO `tbl_screens` (`screen_id`, `t_id`, `screen_name`, `seats`, `charge`) VALUES  
(5, 3, '1', 50, 70),  
(6, 3, '2', 15, 60),  
(7, 4, '3', 20, 75),  
(8, 14, '4', 34, 120),  
(9, 3, '5', 30, 70),  
(10, 15, 'a', 123, 35);  
  
-----  
--  
-- Table structure for table `tbl_shows`  
--  
  
CREATE TABLE `tbl_shows` (  
    `s_id` int(11) NOT NULL,  
    `st_id` int(11) NOT NULL COMMENT 'show time id',  
    `stadium_id` int(11) NOT NULL,  
    `concert_id` int(11) NOT NULL,
```

```
'start_date' date NOT NULL,  
'status' int(11) NOT NULL COMMENT '1 means show available',  
'r_status' int(11) NOT NULL  
) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `tbl_shows'  
  
--  
  
INSERT INTO `tbl_shows` (`s_id`, `st_id`, `stadium_id`, `concert_id`, `start_date`, `status`, `r_status`)  
VALUES  
(10, 1, 3, 1, '2018-05-01', 1, 1),  
(11, 2, 4, 2, '2018-06-01', 1, 1),  
(12, 3, 14, 3, '2018-07-01', 1, 1),  
(13, 4, 3, 8, '2018-08-01', 1, 1),  
(14, 5, 4, 14, '2018-09-01', 1, 1);  
  
-----  
  
--  
-- Table structure for table `tbl_show_time`  
  
--  
  
CREATE TABLE `tbl_show_time` (  
'st_id' int(11) NOT NULL,  
'screen_id' int(11) NOT NULL,  
'name' varchar(40) NOT NULL COMMENT 'rokck band etc',
```

```
 `start_time` time NOT NULL,
 `date_show` date NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

-- 
-- Dumping data for table `tbl_show_time`
--

INSERT INTO `tbl_show_time` (`st_id`, `screen_id`, `name`, `start_time`, `date_show`) VALUES
(1, 5, 'Rock', '12:00:00', '2018-07-01'),
(2, 6, 'Rock', '16:00:00', '2018-07-05'),
(3, 7, 'Rock', '18:00:00', '2018-07-06'),
(4, 8, 'Rock', '21:00:00', '2018-07-09'),
(5, 9, 'Rock', '20:00:00', '2018-07-11');
```

-- Table structure for table `tbl_stadium`

```
CREATE TABLE `tbl_stadium` (
    `id` int(11) NOT NULL,
    `name` varchar(100) NOT NULL,
    `address` varchar(100) NOT NULL,
    `place` varchar(100) NOT NULL)
```

```
 `state` varchar(50) NOT NULL  
 ) ENGINE=InnoDB DEFAULT CHARSET=latin1;  
  
--  
-- Dumping data for table `tbl_stadium`  
--  
  
INSERT INTO `tbl_stadium` ('id', 'name', 'address', 'place', 'state') VALUES  
(3, 'OAKA', 'Amarousiou', 'Marousi', 'Athens'),  
(4, 'Panathenaic stadium', 'Kifisia', 'Kallimarmaron', 'Athens'),  
(14, 'Karaiskakis stadium', 'Lewforo Falirou', 'Neon Faliro', 'Piraeus');  
  
--  
-- Indexes for dumped tables  
--  
  
--  
-- Indexes for table `tbl_login`  
--  
  
ALTER TABLE `tbl_login`  
ADD PRIMARY KEY ('id');  
  
--  
-- Indexes for table `tbl_news`  
--  
  
ALTER TABLE `tbl_news`
```

```
ADD PRIMARY KEY (`news_id`);

-
- Indexes for table `tbl_registration`

-- ALTER TABLE `tbl_registration`
ADD PRIMARY KEY (`user_id`);

-
-- Indexes for table `tbl_screens`

-- ALTER TABLE `tbl_screens`
ADD PRIMARY KEY (`screen_id`);

--
-- Indexes for table `tbl_stadium`

-- ALTER TABLE `tbl_stadium`
ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
-----

-- AUTO_INCREMENT for table `tbl_login`

-- ALTER TABLE `tbl_login`
MODIFY `id` int(11) NOT NULL AUTO_INCREMENT,AUTO_INCREMENT=43;

--
-- AUTO_INCREMENT for table `tbl_news`
```

```
--  
ALTER TABLE `tbl_news`  
    MODIFY `news_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=7;  
  
--  
-- AUTO_INCREMENT for table `tbl_registration`  
  
--  
ALTER TABLE `tbl_registration`  
    MODIFY `user_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=29;  
  
--  
-- AUTO_INCREMENT for table `tbl_screens`  
  
--  
ALTER TABLE `tbl_screens`  
    MODIFY `screen_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=11;  
  
--  
-- AUTO_INCREMENT for table `tbl_stadium`  
  
--  
ALTER TABLE `tbl_stadium`  
    MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=15;  
COMMIT;  
  
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;  
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;  
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

RESULT

Thus the project has been implemented and has been deployed successfully.

