



राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
National Institute of Technology Delhi
(An autonomous Institute under the aegis of Ministry of Education, Govt. of India)

Database Management System Project
Event Management System



Submitted to:

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ACKNOWLEDGEMENT

On completion of this project on 'Event Management System', we would like to express our heartfelt gratitude to Dr. Shelly Sachdeva, our course instructor for the course on Database Management System, for giving us this project as an opportunity to learn through first-hand work experience and providing her excellent guidance that has helped us throughout.

We would also extend our thankfulness to our Teaching Assistants, Ms. Kanika Soni, Mr. Satyam Sagar and Mr. Anil Kumar, for providing their valuable assistance and advice that have played a vital role in completing this project.

This project has been extremely useful for us to learn a lot about Database Management Systems and related topics. Through this project, we learned a lot about the use and implementation of DBMS in our real world. It has not only helped in broadening our horizons but has also provided us exposure to real-life projects and their usefulness.

We thank our course coordinator and faculties for giving us such an amazing and enriching experience.

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Case Study

Currently there are a lot of destination weddings, parties and events happening. The host of the event has to go venue to venue to check the availability of the day and a lot of time and money is put into it. While organising an event, customers have to put in a lot of effort to fetch small details such as checking the capacity of the venue or the menu options.

Event planning firms have to go through a lot of paperwork to manage the expenses of an event and supplier payments. They have to attend to every customer individually to explain to them the event's plan.

Managing records of the customers takes a lot of time and effort as there isn't a proper system for the same.

Growing interests in destination weddings, parties and events have created a need for a management system which can help both the customer and the administrator to manage their time and resources.

Hence, we have created an online platform to make managing events easier for customers as well as the event management companies. We have used a database management system to maintain the integrity of data, to remove data redundancy and for faster data retrieval.

INTRODUCTION

This project on the Event Management System has been made primarily using the concepts of Database Management System. We have tried to make a system that cites all the information related to the venues available, food varieties, and other related staff and officials concerned with the organising of the event. Additionally, it also serves as a portal to register and plan an event.

We provide a single platform to view a variety of venues and menus without using much of the customers' time and effort. We deliver detailed information about the expenses of the event and services which helps in maintaining the transparency. All information regarding payments and expenditure are maintained using the database management system.

Our website produces favourable search results in accordance with the client's requirements. There are many venues dedicated to certain types of events. We classify the venues according to type of event, respective capacities of venues, theme of venues, and type of food menu available, destination of venues.

This system maintains the record of expenses done and staff available and their contact details. Customers have to register to book an event. After registration/login they can contact different departments and can even give feedbacks.

SYSTEM REQUIREMENTS

Hardware Requirements:

- Processor: Core2 Duo.
- Primary Memory: 1 GB or Higher RAM.
- Secondary Memory: 50 GB of Hard Disk Space
- Microsoft Windows 10
- A Modem and Internet connection

Software Requirements:

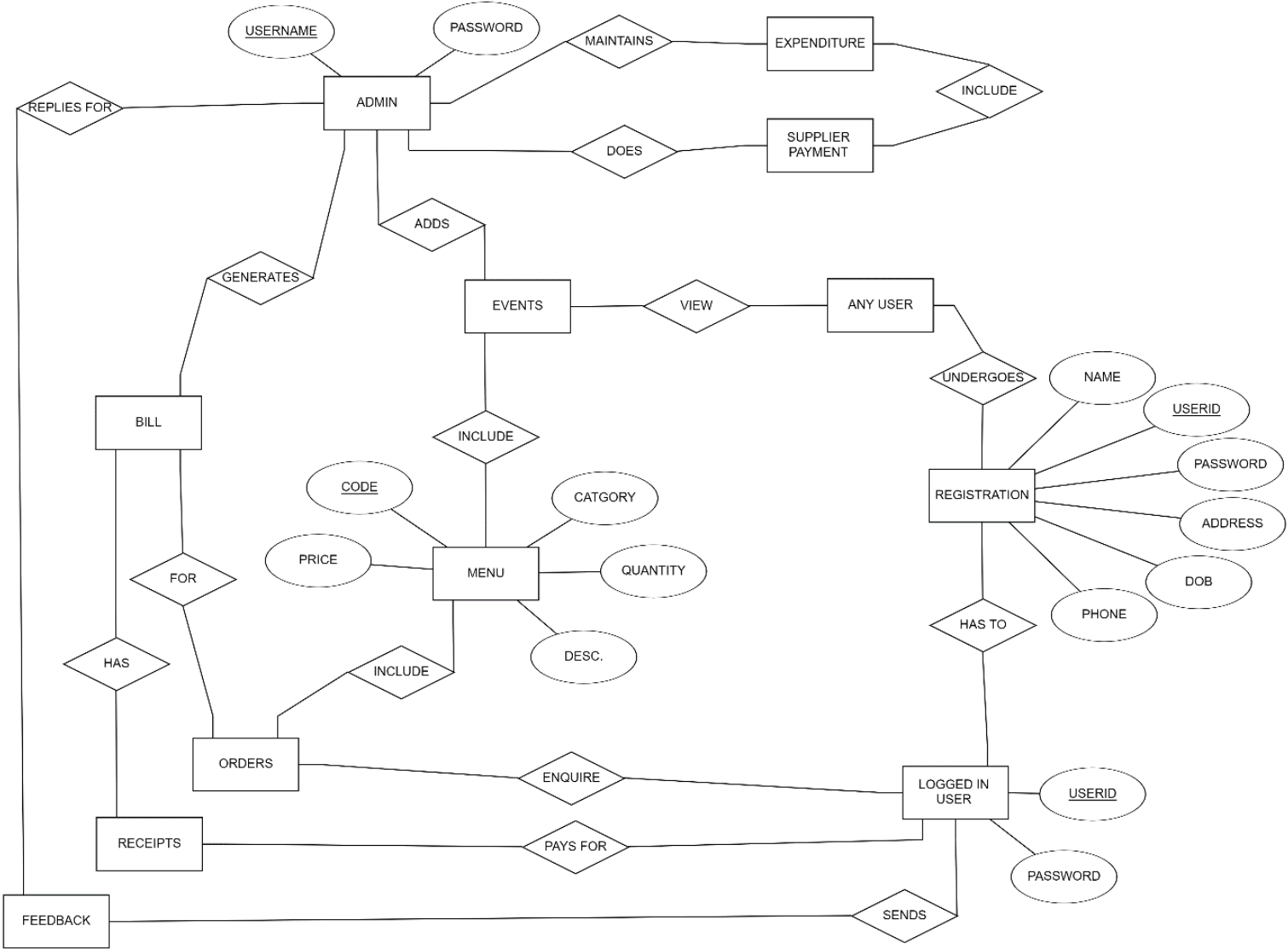
- The front-end has been developed by the use of HTML, CSS and JS.
- MySQL has been used as a back-end query language.
- PHP has been chosen as a scripting language.
- Web Browser (Chrome/Edge/Firefox etc.)
- XAMPP
- MySQL

ASSUMPTIONS

- We have create single login page for both admin and customers.
- We have assumed the person logged in is the organizer of the event.
- We have assumed that the user does not cancel their booking.
- We have assumed that a user book only one order at a time.

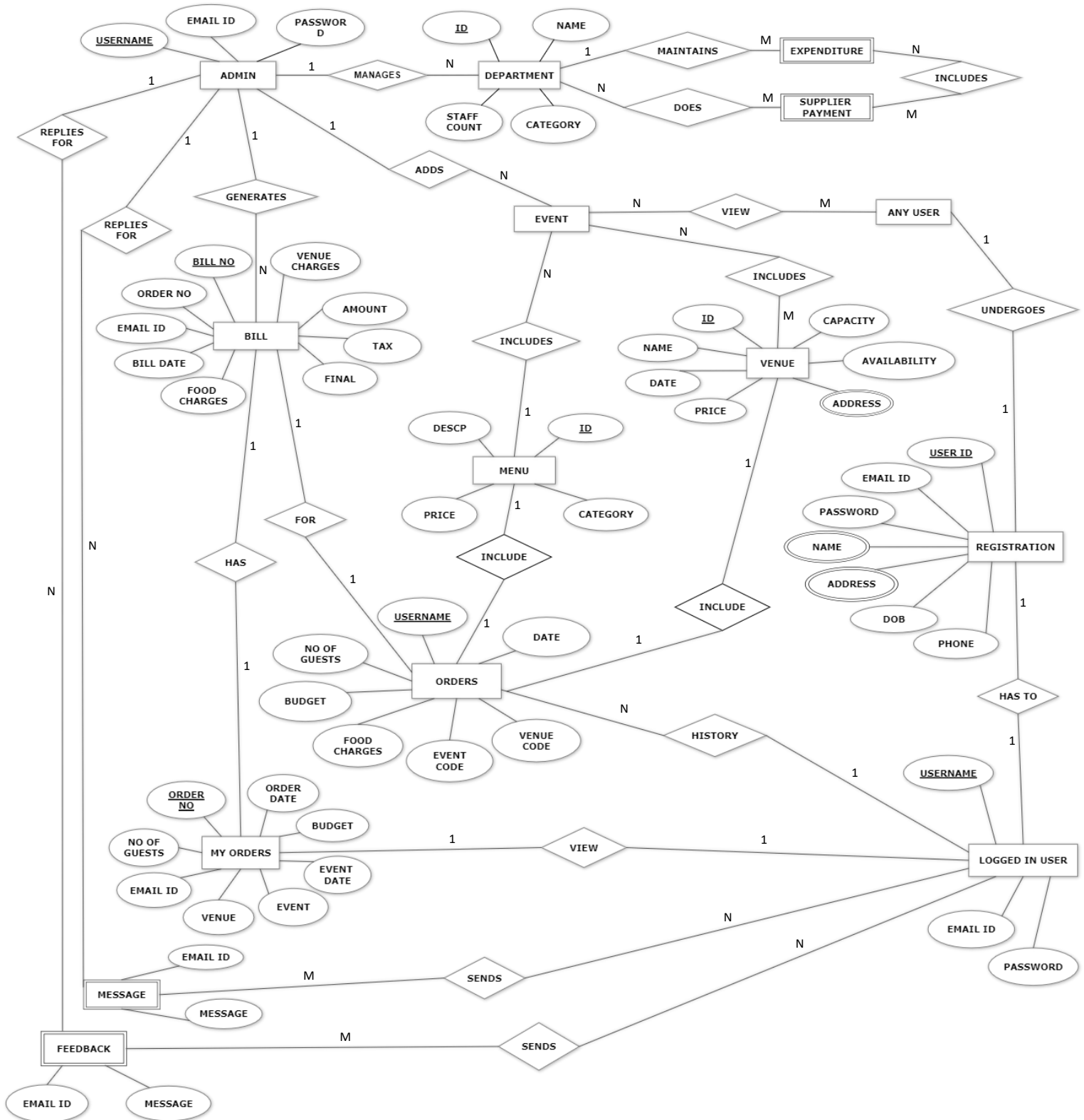
ER DIAGRAM (Previous)

<https://erdplus.com/>

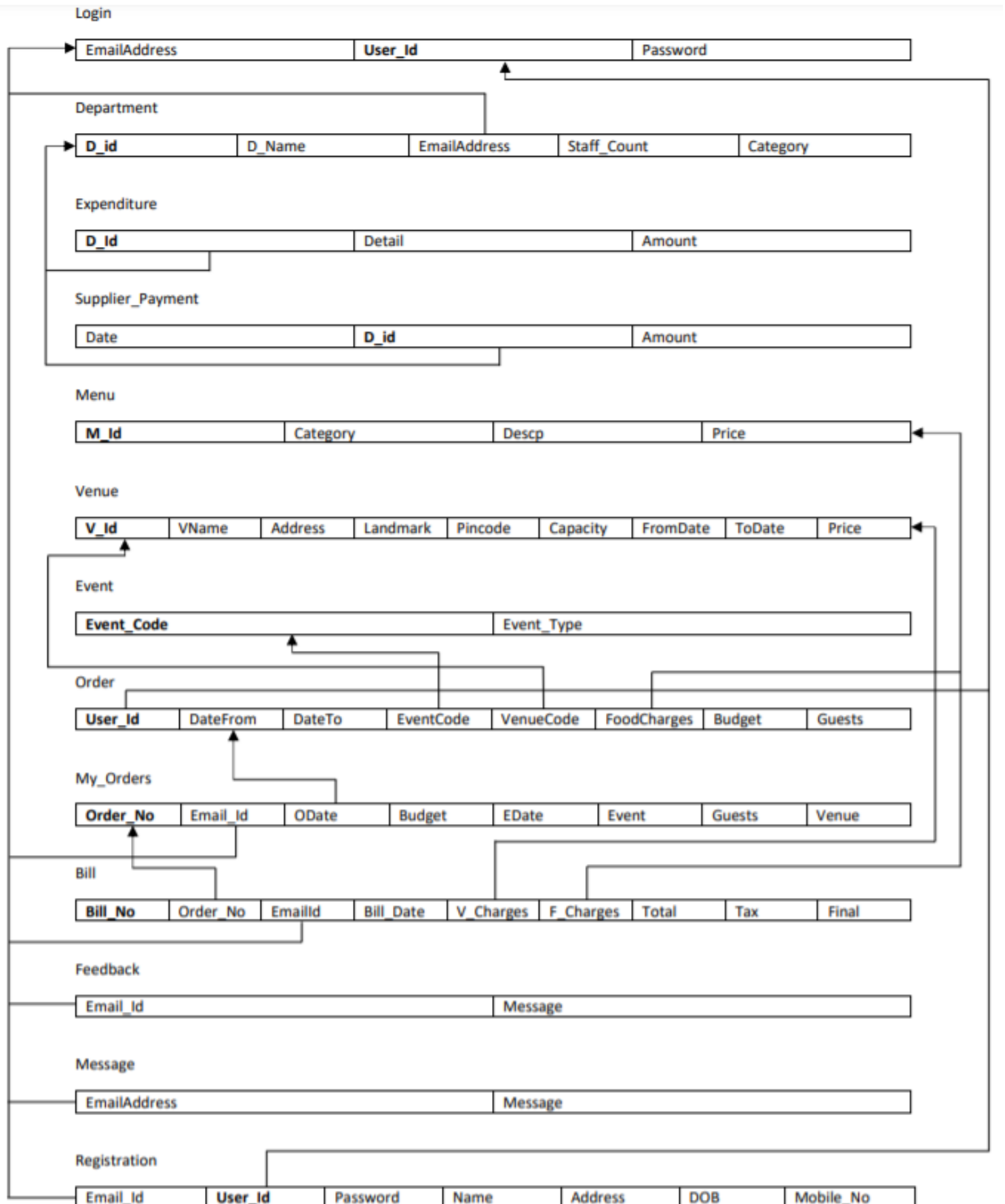


ER Diagram (Updated)

<https://cloud.smartdraw.com/>

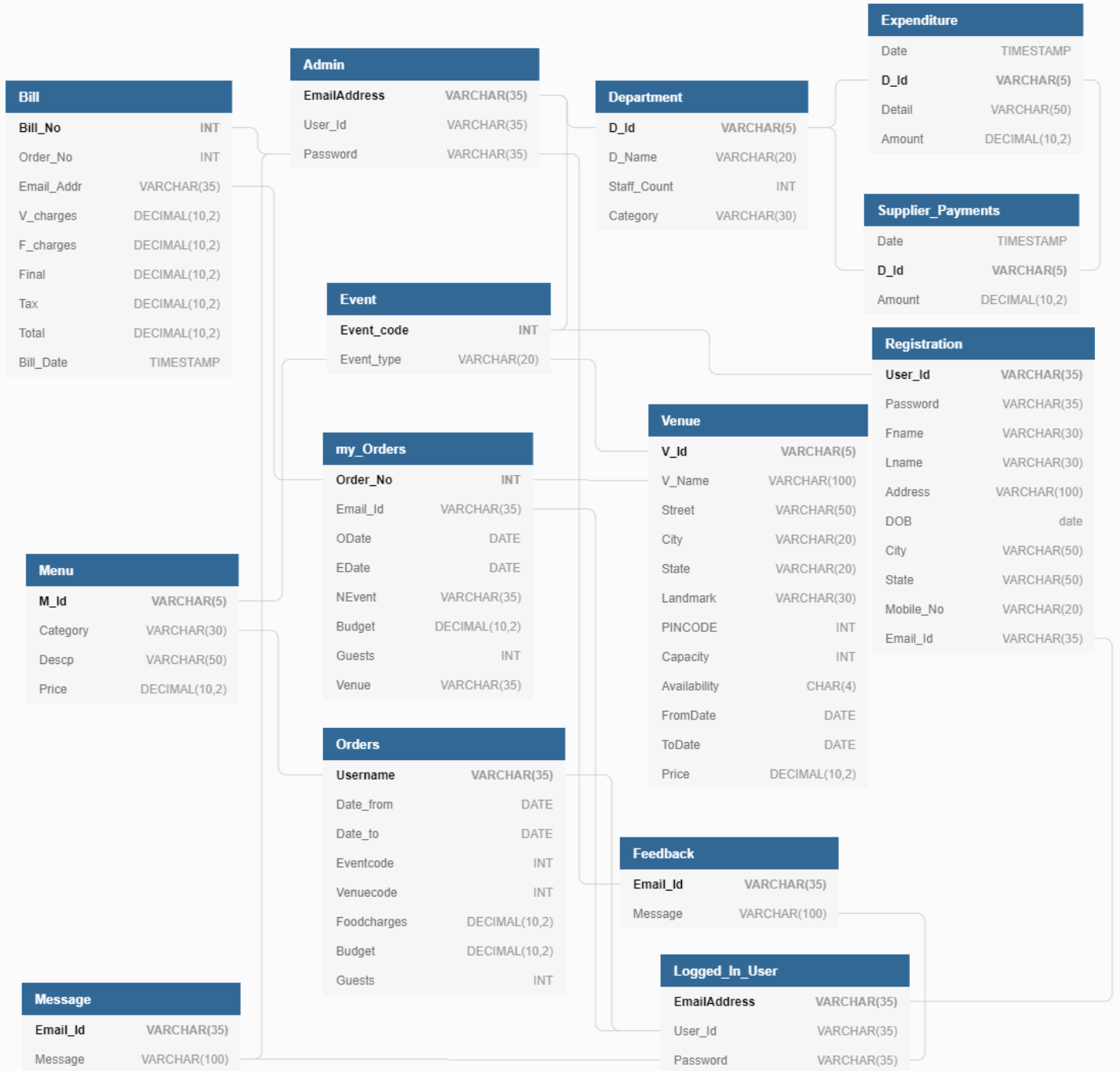


MAPPING FROM ER MODEL TO R MODEL



Relational Schema

<https://dbdiagram.io>



Data Dictionary

1. Bill:

Column	Type	Null	Default	Links to	Comments	Media type
Bill_No (<i>Primary</i>)	int(11)	No				
Order_No	int(11)	No				
Email_Id	varchar(35)	No				
Tax	decimal(10,2)	No				
Final	decimal(10,2)	No				
Bill_Date	timestamp	No	current_timestamp()			
V_Charges	decimal(10,2)	No				
F_Charges	decimal(10,2)	No				
Total	decimal(10,2)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	Bill_No	5	A	No	

2. Department:

Column	Type	Null	Default	Links to	Comments	Media type
D_Id (<i>Primary</i>)	varchar(5)	No				
D_Name	varchar(20)	No				
Staff_Count	int(11)	No				
Category	varchar(30)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	D_Id	5	A	No	

3. Event:

Column	Type	Null	Default	Links to	Comments	Media type
Event_code (<i>Primary</i>)	int(11)	No				
Event_type	varchar(20)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	Event_code	10	A	No	

4. Expenditure:

Column	Type	Null	Default	Links to	Comments	Media type
Date	timestamp	No	current_timestamp()			
D_Id	varchar(5)	No		department -> D_Id		
Detail	varchar(50)	No				
Amount	decimal(10,2)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
FK_D_Id1	BTREE	No	No	D_Id	10	A	No	

5. Feedback:

Column	Type	Null	Default	Links to	Comments	Media type
Email_Id	varchar(35)	No				
Message	varchar(5000)	No				

6. Message:

Column	Type	Null	Default	Links to	Comments	Media type
emailaddress	varchar(35)	No				
message	varchar(500)	No				

7. Login:

Column	Type	Null	Default	Links to	Comments	Media type
User_Id (<i>Primary</i>)	varchar(35)	No				
EmailAddress	varchar(35)	No				
Password	varchar(35)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	User_Id	10	A	No	
Unique	BTREE	Yes	No	EmailAddress	10	A	No	

8. Menu:

Column	Type	Null	Default	Links to	Comments	Media type
M_Id (<i>Primary</i>)	varchar(5)	No				
Category	varchar(30)	No				
Descp	varchar(50)	No				
Price	decimal(10,2)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	M_Id	11	A	No	

9. My Orders:

Column	Type	Null	Default	Links to	Comments	Media type
Order_No (<i>Primary</i>)	int(11)	No				
Email_Id	varchar(35)	No				
ODate	date	No	current_timestamp()			
Budget	decimal(10,2)	No				
EDate	date	No				
NEvent	varchar(20)	No				
Guests	int(11)	No				
Venue	varchar(100)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	Order_No	0	A	No	

10. Orders:

Column	Type	Null	Default	Links to	Comments	Media type
Username (<i>Primary</i>)	varchar(35)	No				
Date_from	date	No				
Date_to	date	No				
EventCode	int(11)	No				
VenueCode	int(11)	No				
FoodCharges	decimal(10,2)	No				
Budget	decimal(10,2)	No				
Guests	int(11)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	Username	0	A	No	

11. Registration:

Column	Type	Null	Default	Links to	Comments	Media type
User_Id (<i>Primary</i>)	varchar(35)	No				
Password	varchar(50)	No				
Fname	varchar(30)	No				
Lname	varchar(30)	No				
Address	varchar(100)	No				
DOB	date	No				
City	varchar(50)	No				
State	varchar(50)	No				
Mobile_No	varchar(20)	No				
Email_Id	varchar(50)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	User_Id	6	A	No	

12. Supplier Payments:

Column	Type	Null	Default	Links to	Comments	Media type
Date	timestamp	No	current_timestamp()			
D_Id	varchar(5)	No		department -> D_Id		
Amount	decimal(10,2)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
D_Id2	BTREE	No	No	D_Id	10	A	No	

13. Venue:

Column	Type	Null	Default	Links to	Comments	Media type
V_Id (<i>Primary</i>)	varchar(5)	No				
V_Name	varchar(100)	No				
Street	varchar(50)	No				
City	varchar(20)	No				
State	varchar(20)	No				
Landmark	varchar(30)	No				
PINCODE	int(11)	No				
Capacity	int(11)	No				
Availability	char(4)	No				
FromDate	date	Yes	<i>NULL</i>			
ToDate	date	Yes	<i>NULL</i>			
Price	decimal(10,2)	No				

Indexes:

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	V_Id	10	A	No	

SQL QUERIES

CREATING DATABASE:

CREATE DATABASE RAP;

TABLE NAME	OPERATION	QUERY
1. Bill	CREATE	<pre>CREATE TABLE 'bill' (`Bill_No` int(11) NOT NULL, `Order_No` int(11) NOT NULL, `Email_Id` varchar(35) NOT NULL, `Bill_Date` date NOT NULL DEFAULT current_timestamp(), `V_Charges` decimal(10,2) NOT NULL, `F_Charges` decimal(10,2) NOT NULL, `Total` decimal(10,2) NOT NULL, `Tax` decimal(10,2) NOT NULL, `Final` decimal(10,2) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO 'bill' (`Bill_No`, `Order_No`, `Email_Id`, `Bill_Date`, `V_Charges`, `F_Charges`, `Total`, `Tax`, `Final`) VALUES (4458, 1103, 'atul@gmail.com', '2021-09-23', '1000000.00', '840000.00', '1840000.00', '368000.00', '2208000.00'), (4506, 1101, 'jatin@gmail.com', '2021-11-21', '1000000.00', '842400.00', '1842400.00', '368480.00', '2210880.00'), (4548, 1102, 'rohit@gmail.com', '2021-10-26', '800000.00', '543000.00', '1343000.00', '268600.00', '1611600.00');</pre>
2. Events	CREATE	<pre>CREATE TABLE `event` (`Event_code` int(11) NOT NULL, `Event_type` varchar(20) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO `event` (`Event_code`, `Event_type`) VALUES (1000, 'BIRTHDAY'),</pre>

		(1001, 'WEDDING'), (1002, 'Shower'), (1003, 'Conference'), (1004, 'seminar'), (1005, 'Workshop'), (1006, 'Sponsorship'), (1007, 'Trade show'), (1008, 'Networking event '), (1009, 'guest speaker');
3. Feedback	CREATE	CREATE TABLE `feedback` (`Email_Id` varchar(35) NOT NULL, `Message` varchar(100) NOT NULL);
	INSERT	INSERT INTO `feedback` (`Email_Id`, `Message`) VALUES ('shadab@gmail.com', 'the staff was really great and was doing the work nicely '), ('atul@gmail.com', 'I cant thank R-A-P enough the make my sons birthday great'), ('shweta@gmail.com', 'I couldnt go any better place to celebrate '), ('rohit@gmail.com', 'Everything was so perfect'), ('jatin@gmail.com', 'I was too tense for my daughters wedding but they made everything smooth'), ('tushar@gmail.com', 'a great massive respect for RAP team '), ('yukta@gmail.com', 'the staff was doing every thing so nicely, I thought its there sons birthday ');
4. Login	CREATE	CREATE TABLE `login` (`User_Id` varchar(35) NOT NULL, `EmailAddress` varchar(35) NOT NULL, `Password` varchar(35) NOT NULL);
	INSERT	INSERT INTO `login` (`User_Id`, `EmailAddress`, `Password`) VALUES ('abhi9560', 'abhi@gmail.com', '97000000001'), ('atul0607', 'atul@gmail.com', '97000000005'), ('jatin487', 'jatin@gmail.com', '97000000008'), ('reaha866', 'riha@gmail.com', '97000000003'),

		(rohit482', 'rohit@gmail.com', '9700000007'), (shadab123', 'shadab@gmail.com', '9700000004'), (shweta48', 'shweta@gmail.com', '9700000006'), (tushar012', 'tushar@gmail.com', '9700000009'), (yukta102', 'yukta@gmail.com', '9700000010'), (zyx789', 'priyanka@gmail.com', '9700000002');
5. Menu	CREATE	CREATE TABLE `menu` (`M_Id` varchar(5) NOT NULL, `Category` varchar(30) NOT NULL, `Descp` varchar(50) NOT NULL, `Price` decimal(10,2) NOT NULL);
	INSERT	INSERT INTO `menu` (`M_Id`, `Category`, `Descp`, `Price`) VALUES (M101', 'main course', 'Paneer Pasanda', '250.00'), (M102', 'main course', 'Dal Bukhara', '200.00'), (M103', 'main course', 'Zafrani Pulao', '250.00'), (M104', 'starter', 'Indo-Chinese', '150.00'), (M105', 'starter', 'Dahi Bhalle', '100.00'), (M106', 'bevarage', 'Cold Drinks', '40.00'), (M107', 'starter', 'Aloo ki tikki', '70.00'), (M108', 'starter', 'Litti Chokha', '150.00'), (M109', 'sweet dish', 'Chocolate Fondue', '100.00'), (M110', 'starter', 'Pasta Primavera', '120.00'), (M111', 'apetizer', 'Salad', '320.00');
6. Message	CREATE	CREATE TABLE `message` (`EmailAddress` varchar(35) NOT NULL, `Message` varchar(500) NOT NULL);
	INSERT	INSERT INTO `message` (`EmailAddress`, `Message`) VALUES (rohit@gmail.com', 'Can you provide me the detailed information about the venue \"Radisson Blu Hotel\"?'r\n');

7. My_orders	CREATE	<pre>CREATE TABLE `my_orders` (`Order_No` int(11) NOT NULL, `Email_Id` varchar(35) NOT NULL, `ODate` date NOT NULL DEFAULT current_timestamp(), `Budget` decimal(10,2) NOT NULL, `EDate` date NOT NULL, `NEvent` varchar(20) NOT NULL, `Guests` int(11) NOT NULL, `Venue` varchar(100) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO `my_orders` (`Order_No`, `Email_Id`, `ODate`, `Budget`, `EDate`, `NEvent`, `Guests`, `Venue`) VALUES (1101, 'jatin@gmail.com', '2021-11-20', '3000000.00', '2021-11-30', 'Workshop', 156, 'Radisson Blu Hotel'), (1102, 'rohit@gmail.com', '2021-10-12', '2000000.00', '2021-10-29', 'Networking event', 220, 'Royale Farmhouse'), (1103, 'atul@gmail.com', '2021-09-22', '2500000.00', '2021-09-21', 'BIRTHDAY', 350, 'OWL Club');</pre>
8. Orders	CREATE	<pre>CREATE TABLE `orders` (`Username` varchar(35) NOT NULL, `Date_from` date NOT NULL, `Date_to` date NOT NULL, `EventCode` int(11) NOT NULL, `VenueCode` varchar(5) NOT NULL, `FoodCharges` decimal(10,2) NOT NULL, `Budget` decimal(10,2) NOT NULL, `Guests` int(11) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO `orders` (`Username`, `Date_from`, `Date_to`, `EventCode`, `VenueCode`, `FoodCharges`, `Budget`, `Guests`) VALUES ('atul0607', '2021-09-21', '2021-09-21', 1000, 'V08', '840000.00', '2500000.00', 350), ('jatin487', '2021-11-30', '2021-12-04', 1005, 'V01', '842400.00', '3000000.00', 156),</pre>

		('rohit482', '2021-10-29', '2021-10-29', 1008, 'V05', '543000.00', '2000000.00', 220);
9. Registration	CREATE	<pre>CREATE TABLE `registration` (`User_Id` varchar(35) NOT NULL, `Password` varchar(50) NOT NULL, `Fname` varchar(30) NOT NULL, `Lname` varchar(30) NOT NULL, `Address` varchar(100) NOT NULL, `DOB` date NOT NULL, `City` varchar(50) NOT NULL, `State` varchar(50) NOT NULL, `Mobile_No` varchar(20) NOT NULL, `Contact_NO` varchar(20) NOT NULL, `Email_Id` varchar(50) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO `registration` (`User_Id`, `Password`, `Fname`, `Lname`, `Address`, `DOB`, `City`, `State`, `Mobile_No`, `Contact_NO`, `Email_Id`) VALUES ('atul0607', '97000000005', 'ATUL', 'GOYAL', 'H.No. 154, faridkot', '2002-07-06', 'Kotakpura', 'Punjab', '8478596125', '7845961487', 'atul@gmail.com'), ('jatin487', '97000000008', 'JATIN', 'SHARMA', 'H.No. 04, Newtown', '2001-08-25', 'Kolkata', 'West Bengal', '8148965478', '6478931548', 'jatin@gmail.com'), ('rohit482', '97000000003', 'ROHIT', 'SINGH', 'H.No. 487, Jalahalli', '2000-04-21', 'Bangalore', 'Karnataka', '7456321548', '9784561549', 'rohit@gmail.com'), ('shadab123', '97000000004', 'SHADAB', 'AGWAN', 'H.No. 79, Sangam Vihar', '2002-11-20', 'Najafgarh', 'New Delhi', '8457964125', '9784563214', 'shadab@gmail.com'), ('shweta48', '97000000006', 'SHWETA', 'GAHLAWAT', 'H.No. 123, Panchkula', '2001-09-27', 'Panchkula', 'Haryana', '9874589656', '6485794578', 'shweta@gmail.com'), ('yukta102', '97000000010', 'YUKTA', 'RANA', 'H.No. 105, Sector 13', '2001-12-09', 'Dwarka', 'New Delhi', '7145745896', '8453154978', 'yukta@gmail.com');</pre>

10. Venue	CREATE	<pre>CREATE TABLE `venue` (`V_Id` varchar(5) NOT NULL, `V_Name` varchar(100) NOT NULL, `Street` varchar(50) NOT NULL, `City` varchar(20) NOT NULL, `State` varchar(20) NOT NULL, `Landmark` varchar(30) NOT NULL, `PINCODE` int(11) NOT NULL, `Capacity` int(11) NOT NULL, `Availability` char(4) NOT NULL, `FromDate` date DEFAULT NULL, `ToDate` date DEFAULT NULL, `Price` decimal(10,2) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO `venue` (`V_Id`, `V_Name`, `Street`, `City`, `State`, `Landmark`, `PINCODE`, `Capacity`, `Availability`, `FromDate`, `ToDate`, `Price`) VALUES ('V01', 'Radisson Blu Hotel', 'Naila Bagh Palace', 'Jaipur', 'Rajasthan', 'Moti Doongri', 302007, 1500, 'NO', '2025-11-21', '2027-11-21', '500000.00'), ('V02', 'Hammerzz Nightclub Goa', 'Calangute - Baga Rd', 'Baga', 'Goa', '-', 403516, 2500, 'YES', NULL, NULL, '600000.00'), ('V03', 'Nyex Beach', 'Anjuna Cliff (Old Paradiso)', 'Bardez', 'Goa', '-', 403202, 2500, 'YES', NULL, NULL, '700000.00'), ('V04', 'Sinq Night', 'Aguada Rd', 'Candolim', 'Goa', 'Taj Holiday Village', 403515, 2000, 'NO', '2020-12- 21', '2025-12-21', '750000.00'), ('V05', 'Royale Farmhouse', 'Airport Plaza, Plot No.10', 'Jaipur', 'Rajasthan', 'Radisson Blu Hotel', 302018, 2000, 'NO', '2020-11-21', '2023-11-21', '800000.00'), ('V06', 'Camp Himachal', 'Jot Road,Talai Village', 'Chamba', 'Himachal Pradesh', '-', 176310, 1000, 'YES', NULL, NULL, '900000.00'), ('V07', 'Leopard Valley Goa', 'Agonda Beach Rd', 'Canacona', 'Goa', 'Juggernaut Arena', 403702, 2000, 'YES', NULL, NULL, '921000.00'), ('V08', 'OWL Club', 'Shiroli Pulachi', 'Calangute', 'Goa', 'Bagatel Boutique Hotel Goa', 403519, 2500, 'NO', '2012-01-22', '2014-01-22', '1000000.00'), ('V09', 'Shaadi Brigade', 'Block E, Soami Nagar South', 'New Delhi', 'Delhi', '-', 110016, 2000, 'YES', NULL, NULL, '1100000.00'),</pre>

		('V10', 'NoorZa', 'Saket', 'New Delhi', 'Delhi', '-', 110017, 2500, 'NO', '2020-11-21', '2022-11-21', '1200000.00');
11. Department	CREATE	CREATE TABLE `department` (`D_Id` varchar(5) NOT NULL, `D_Name` varchar(20) NOT NULL, `EmailAddress` varchar(35) NOT NULL, `Staff_Count` int(11) NOT NULL, `Category` varchar(30) NOT NULL);
	INSERT	INSERT INTO `department` (`D_Id`, `D_Name`, `EmailAddress`, `Staff_Count`, `Category`) VALUES ('D01', 'RAP_WorkForce', '', 5, 'Attendant'), ('D02', 'RAP_Gourmet', '', 10, 'Caterer_Cook'), ('D03', 'RAP_Hosters', '', 30, 'Caterer_Server'), ('D04', 'RAP_Floral', '', 8, 'Flower Decorator'), ('D05', 'RAP_Cluster', '', 15, 'Seating_Planers');
12. Expenditure	CREATE	CREATE TABLE `expenditure` (`Date` timestamp NOT NULL DEFAULT current_timestamp(), `D_Id` varchar(5) NOT NULL, `Detail` varchar(50) NOT NULL, `Amount` decimal(10,2) NOT NULL);
	INSERT	INSERT INTO `expenditure` (`Date`, `D_Id`, `Detail`, `Amount`) VALUES ('2021-06-24 20:59:17', 'D03', 'Cuttlery', '12750.00'), ('2021-07-25 05:02:43', 'D04', 'Flowers', '11500.00'), ('2021-07-25 03:50:05', 'D04', 'Ribbons', '2500.00'), ('2021-08-25 06:30:01', 'D02', 'Rice', '19050.00'), ('2021-08-24 20:59:27', 'D05', 'Table Clothes', '12750.00'), ('2021-09-25 02:21:01', 'D04', 'Thread', '800.00'), ('2021-10-25 03:09:05', 'D05', 'Table', '13000.00'), ('2021-10-25 09:29:57', 'D02', 'Vegetables', '8000.00'), ('2021-11-25 11:49:46', 'D05', 'Chairs', '15500.00'), ('2021-12-25 18:19:32', 'D03', 'Plates', '10065.00');

14. Supplier payments	CREATE	<pre>CREATE TABLE `supplier_payments` (`Date` timestamp NOT NULL DEFAULT current_timestamp(), `D_Id` varchar(5) NOT NULL, `Amount` decimal(10,2) NOT NULL);</pre>
	INSERT	<pre>INSERT INTO `supplier_payments` (`Date`, `D_Id`, `Amount`) VALUES ('2021-05-15 00:30:00', 'D01', '200000.00'), ('2021-03-22 11:30:00', 'D02', '150000.00'), ('2021-10-11 06:30:00', 'D03', '950000.00'), ('2021-01-31 03:30:00', 'D04', '80000.00'), ('2021-11-27 04:30:00', 'D05', '125000.00');</pre>

Basic Queries:

OPERATION	QUERY	SYNTAX
1. SELECT	View venues of a specified place with the given budget: SELECT * FROM venue WHERE state = "Goa" AND Price < 800000;	SELECT <i>column1</i> , <i>column2</i> , ... FROM <i>table_name</i> ; Or
	View bill details within a range of date: SELECT * FROM bill WHERE bill_Date BETWEEN '2020-11-25' AND '2021-07-21';	SELECT * FROM <i>table_name</i> ;
	Display events according to the capacity of guests: SELECT V_Name, City, State FROM Venue WHERE Capacity BETWEEN 1000 AND 2000;	
	Display feedback having a particular keyword: <ul style="list-style-type: none"> SELECT * FROM Feedback WHERE Message LIKE "%wedding%"; 	
	<ul style="list-style-type: none"> SELECT R.FName AS Name, F.Subject, F.Message FROM Registration R, Feedback F WHERE R.Email_Id = F.Email_ID AND Message LIKE "%birthday%"; 	
	For login page: SELECT emailaddress FROM login WHERE emailaddress = 'abhi@gmail.com';	

	For navigation after successful login: SELECT FName FROM Registration WHERE user_id = 'atul0607';	
	Displaying details in my profile: SELECT FName, LName, Address, City, State, dob, mobile_No, Email_id FROM Registration WHERE User_Id = 'jatin487';	
	Displaying order details of a user: SELECT Order_No, ODate, Budget, EDate, Event, Guests, Venue FROM Orders WHERE Email_Id = ?;	
	Displaying bill details of a user: SELECT Bill_No, Order_No, Bill_Date, V_Charges, F_Charges, Total, Tax, Final FROM Bill WHERE Email_Id = ?	
2. UPDATE	Updating information of logged in user: UPDATE Registration SET Mobile_No = '9487563484' WHERE Fname = 'Jatin';	UPDATE <i>table_name</i> SET <i>column1 = value1,</i> <i>column2 = value2, ...</i> WHERE <i>condition;</i>
	Special offer on any food category: UPDATE menu SET price = price - 20 WHERE category = 'Starter';	

3. INSERT	<p>Adding feedback to the database:</p> <p>INSERT INTO Feedback (Email_Id, Message) VALUES ("jatin@gmail.com", "wonderful experience");</p>	<p>INSERT INTO <i>table_name</i> (<i>column1, column2,</i> <i>column3, ...</i>) VALUES (<i>value1, value2</i> <i>, value3, ...</i>);</p>
-----------	--	--

Advanced Queries:

OPERATION	QUERY	SYNTAX
1. NESTED SELECT STATEMENT	Display all customers with due payments: SELECT FName, LName FROM Registration WHERE Email_Id IN (SELECT Email_Addr FROM Bill WHERE Bill_No IN (SELECT Bill_No FROM Receipts WHERE Balance > 0));	<i>SELECT column1, column2, ... FROM table_name WHERE condition IN (SELECT column1, column2, ... FROM table_name WHERE condition IN...);</i>
2. SUM	Display sum of price of all items from menu to calculate the total expense of event: SELECT SUM(Price) FROM Menu;	<i>SELECT SUM(column_name) FROM table_name WHERE condition;</i>
3. COUNT	Display food charger of a specific category of food item from the menu: SELECT COUNT(Descp), SUM(Price) FROM Menu WHERE Category = "starter";	<i>SELECT COUNT(column_name) FROM table_name WHERE condition;</i>
4. CASE WHEN	Display the number of customers with due payment: SELECT COUNT(CASE WHEN balance > 0 THEN 1 ELSE NULL END) AS CustomersWithDuePayment FROM Receipts;	<i>SELECT COUNT(CASE WHEN condition THEN output_if_true ELSE output_if_false END) FROM table_name;</i>
5. GROUP BY	Display food charger category wise: SELECT Category, COUNT(Descp), SUM(Price) FROM Menu GROUP BY Category;	<i>SELECT column1, column2, ... FROM table_name GROUP BY column1, column2, ...;</i>

6. ORDER BY	<p>Sorting order details according to order no:</p> <p>SELECT * FROM My_Orders ORDER BY Order_No;</p>	<p>SELECT <i>column1</i>, <i>column2</i>, ... FROM <i>table_name</i> ORDER BY <i>column1</i>, <i>column2</i>, ... [ASC/DESC];</p>
7. LEFT JOIN	<p>Displaying the department and expenditure details:</p> <p>SELECT Department.D_Id, Department.D_Name, Expenditure.Amount FROM Department LEFT JOIN Expenditure ON Department.D_Id = Expenditure.D_Id;</p>	<p>SELECT <i>column1</i>, <i>column2</i>, ... FROM <i>table1</i> LEFT JOIN <i>table2</i> ON <i>table1.column_name</i> = <i>table2.column_name</i>;</p>
8. RIGHT JOIN	<p>Displaying the department and supplier payments details:</p> <p>SELECT Department.D_Id, Department.D_Name, Supplier_Payments.Amount FROM Department LEFT JOIN Supplier_Payments ON Department.D_Id = Supplier_Payments.D_Id;</p>	<p>SELECT <i>column1</i>, <i>column2</i>, ... FROM <i>table1</i> RIGHT JOIN <i>table2</i> ON <i>table1.column_name</i> = <i>table2.column_name</i>;</p>
9. FULL JOIN OR UNION	<p>Displaying the department and expenditure details:</p> <p>SELECT Department.D_Id, Department.D_Name, Expenditure.Amount FROM Department LEFT JOIN Expenditure ON Department.D_Id = Expenditure.D_Id UNION SELECT Department.D_Id, Department.D_Name, Expenditure.Amount FROM Department RIGHT JOIN Expenditure ON Department.D_Id = Expenditure.D_Id;</p>	<p>SELECT <i>column1</i>, <i>column2</i>, ... FROM <i>table1</i> LEFT JOIN <i>table2</i> ON <i>table1.column_name</i> = <i>table2.column_name</i> UNION SELECT <i>column1</i>, <i>column2</i>, ... FROM <i>table1</i> RIGHT JOIN <i>table2</i> ON <i>table1.column_name</i> = <i>table2.column_name</i>;</p> <p>OR</p> <p>SELECT <i>table1.column1</i>, <i>table2.column2</i>... FROM <i>table1</i> FULL JOIN <i>table2</i></p>

		<code>ON <i>table1.common_name</i> = <i>table2.common_name</i>;</code>
--	--	--

Populated database:

1. Bill

Bill_No	Order_No	Email_Id	Bill_Date	V_Charges	F_Charges	Total	Tax	Final
4458	1103	atul@gmail.com	2021-09-23	1000000.00	840000.00	1840000.00	368000.00	2208000.00
4506	1101	jatin@gmail.com	2021-11-21	1000000.00	842400.00	1842400.00	368480.00	2210880.00
4548	1102	rohit@gmail.com	2021-10-26	800000.00	543000.00	1343000.00	268600.00	1611600.00

2. Department

D_Id	D_Name	EmailAddress	Staff_Count	Category
D01	RAP_WorkForce		5	Attendant
D02	RAP_Gourmet		10	Caterer_Cook
D03	RAP_Hosters		30	Caterer_Server
D04	RAP_Floral		8	Flower Decorator
D05	RAP_Cluster		15	Seating_Planers

3. Event

Event_code	Event_type
1000	BIRTHDAY
1001	WEDDING
1002	Shower
1003	Conference
1004	seminar
1005	Workshop
1006	Sponsorship
1007	Trade show
1008	Networking event
1009	guest speaker

4. Expenditure

Date	D_Id	Detail	Amount
2021-06-25 02:29:17	D03	Cuttlery	12750.00
2021-07-25 10:32:43	D04	Flowers	11500.00
2021-07-25 09:20:05	D04	Ribbons	2500.00
2021-08-25 12:00:01	D02	Rice	19050.00
2021-08-25 02:29:27	D05	Table Clothes	12750.00
2021-09-25 07:51:01	D04	Thread	800.00
2021-10-25 08:39:05	D05	Table	13000.00
2021-10-25 14:59:57	D02	Vegetables	8000.00
2021-11-25 17:19:46	D05	Chairs	15500.00
2021-12-25 23:49:32	D03	Plates	10065.00

5. Feedback

Email_Id	Message
shadab@gmail.com	the staff was really great and was doing the work ...
atul@gmail.com	I cant thank R-A-P enough the make my sons birthda...
shweta@gmail.com	I couldnt go any better place to celebrate
rohit@gmail.com	Everything was so perfect
jatin@gmail.com	I was too tense for my daughters wedding but they ...
tushar@gmail.com	a great massive respect for RAP team
yukta@gmail.com	the staff was doing every thing so nicely, I thoug...

6. Login

User_Id	EmailAddress	Password
abhi9560	abhi@gmail.com	9700000001
atul0607	atul@gmail.com	9700000005
jatin487	jatin@gmail.com	9700000008
reaha866	riha@gmail.com	9700000003
rohit482	rohit@gmail.com	9700000007
shadab123	shadab@gmail.com	9700000004
shweta48	shweta@gmail.com	9700000006
tushar012	tushar@gmail.com	9700000009
yukta102	yukta@gmail.com	9700000010
zyx789	priyanka@gmail.com	9700000002

7. Menu

M_Id	Category	Descp	Price
M101	main course	Paneer Pasanda	250.00
M102	main course	Dal Bukhara	200.00
M103	main course	Zafrani Pulao	250.00
M104	starter	Indo-Chinese	150.00
M105	starter	Dahi Bhalle	100.00
M106	bevarage	Cold Drinks	40.00
M107	starter	Aloo ki tikki	70.00
M108	starter	Litti Chokha	150.00
M109	sweet dish	Chocolate Fondue	100.00
M110	starter	Pasta Primavera	120.00
M111	apetizer	Salad	320.00

8. Message

EmailAddress	Message
rohit@gmail.com	Can you provide me the detailed information about ...

9. My order

Order_No	Email_Id	ODate	Budget	EDate	NEvent	Guests	Venue
1101	jatin@gmail.com	2021-11-20	3000000.00	2021-11-30	Workshop	156	Radisson Blu Hotel
1102	rohit@gmail.com	2021-10-12	2000000.00	2021-10-29	Networking event	220	Royale Farmhouse
1103	atul@gmail.com	2021-09-22	2500000.00	2021-09-21	BIRTHDAY	350	OWL Club

10. Orders

Username	Date_from	Date_to	EventCode	VenueCode	FoodCharges	Budget	Guests
atul0607	2021-09-21	2021-09-21	1000	V08	840000.00	2500000.00	350
jatin487	2021-11-30	2021-12-04	1005	V01	842400.00	3000000.00	156
rohit482	2021-10-29	2021-10-29	1008	V05	543000.00	2000000.00	220

11. Registration

User_Id	Password	Fname	Lname	Address	DOB	City	State	Mobile_No	Contact_NO	Email_Id
atul0607	9700000005	ATUL	GOYAL	H.No. 154, faridkot	2002-07-06	Kotakpura	Punjab	8478596125	7845961487	atul@gmail.com
jatin487	9700000008	JATIN	SHARMA	H.No. 04, Newtown	2001-08-25	Kolkata	West Bengal	8148965478	6478931548	jatin@gmail.com
rohit482	9700000003	ROHIT	SINGH	H.No. 487, Jalahalli	2000-04-21	Bangalore	Karnataka	7456321548	9784561549	rohit@gmail.com
shadab123	9700000004	SHADAB	AGWAN	H.No. 79, Sangam Vihar	2002-11-20	Najafgarh	New Delhi	8457964125	9784563214	shadab@gmail.com
shweta48	9700000006	SHWETA	GAHLAWAT	H.No. 123, Panchkula	2001-09-27	Panchkula	Haryana	9874589656	6485794578	shweta@gmail.com
yukta102	9700000010	YUKTA	RANA	H.No. 105, Sector 13	2001-12-09	Dwarka	New Delhi	7145745896	8453154978	yukta@gmail.com

12. Supplier payments

Date	D_Id	Amount
2021-05-15 06:00:00	D01	200000.00
2021-03-22 17:00:00	D02	150000.00
2021-10-11 12:00:00	D03	950000.00
2021-01-31 09:00:00	D04	80000.00
2021-11-27 10:00:00	D05	125000.00

13. Venue

V_Id	V_Name	Street	City	State	Landmark	PINCODE	Capacity	Availability	FromDate	ToDate	Price
V01	Radisson Blu Hotel	Naila Bagh Palace	Jaipur	Rajasthan	Moti Doongri	302007	1500	NO	2025-11-21	2027-11-21	500000.00
V02	Hammerzz Nightclub Goa	Calangute - Baga Rd	Baga	Goa	-	403516	2500	YES	NULL	NULL	600000.00
V03	Nyex Beach	Anjuna Cliff (Old Paradiso)	Bardez	Goa	-	403202	2500	YES	NULL	NULL	700000.00
V04	Sinq Night	Aguada Rd	Candolim	Goa	Taj Holiday Village	403515	2000	NO	2020-12-21	2025-12-21	750000.00
V05	Royale Farmhouse	Airport Plaza, Plot No.10	Jaipur	Rajasthan	Radisson Blu Hotel	302018	2000	NO	2020-11-21	2023-11-21	800000.00
V06	Camp Himachal	Jot Road, Talai Village	Chamba	Himachal Pradesh	-	176310	1000	YES	NULL	NULL	900000.00
V07	Leopard Valley Goa	Agonda Beach Rd	Canacona	Goa	Juggernaut Arena	403702	2000	YES	NULL	NULL	921000.00
V08	OWL Club	Shiroli Pulachi	Calangute	Goa	Bagatel Boutique Hotel Goa	403519	2500	NO	2012-01-22	2014-01-22	1000000.00
V09	Shaadi Brigade	Block E, Soami Nagar South	New Delhi	Delhi	-	110016	2000	YES	NULL	NULL	1100000.00
V10	NoorZa	Saket	New Delhi	Delhi	-	110017	2500	NO	2020-11-21	2022-11-21	1200000.00

DB Connectivity

The database has been connected to the frontend user interface using PHP as the scripting language.

The code for establishing the connection is as follows:

```
<?php
/*
This file contains database configuration assuming you are running mysql using user "root" and password ""
*/

define('DB_SERVER', 'localhost');
define('DB_USERNAME', 'root');
define('DB_PASSWORD', '');
define('DB_NAME', 'rap');

// Try connecting to the Database
$conn = mysqli_connect(DB_SERVER, DB_USERNAME, DB_PASSWORD, DB_NAME);

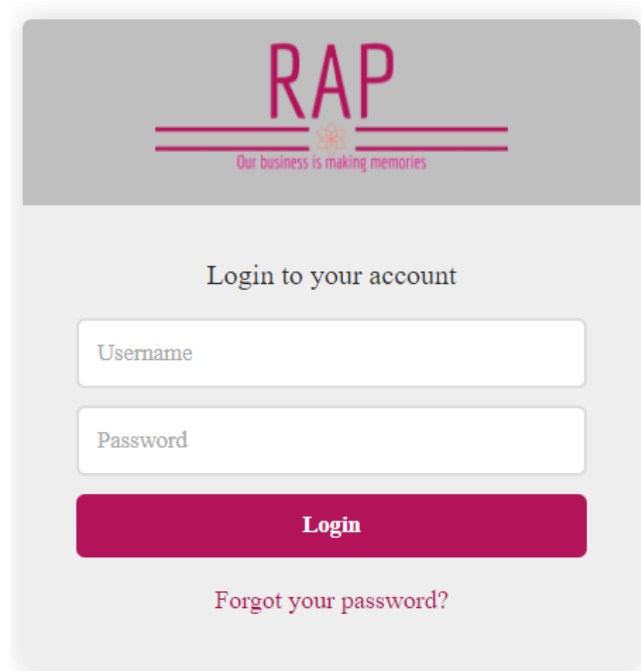
//Check the connection
if($conn == false){
    die('Error: Cannot connect');
}
/*else{
    echo 'Connection successful!';
}*/
?>
```

The above code serves to establish the connection between the backend (database) and frontend (user interface).

FUNCTIONALITIES

Following are the functionalities implemented in the project along with their respective backend PHP codes:

1. **Login Page:** The login page in common for both admin and customers.



```
<?php
//This script will handle login
session_start();

// check if the user is already logged in
if(isset($_SESSION['username'])) {
    echo '<p style="text-align:center;"> <font color=red>You are already logged in.</font> </p>';
}
require_once "../config.php";

$username = $password = "";
$error = "";

// if request method is post
if ($_SERVER['REQUEST_METHOD'] == "POST") {
    if(empty(trim($_POST['username'])) || empty(trim($_POST['password']))) {
        $error = "Please enter username and password.";
        echo '<p style="text-align:center;"> <font color=red>Please enter username and password.</font> </p>';
    }
    else {
        $username = trim($_POST['username']);
        $password = trim($_POST['password']);
    }
}

if(empty($error)) {
    $sql = "SELECT emailaddress, user_id, password FROM login WHERE user_id = ?";
    $stmt = mysqli_prepare($conn, $sql);
    $param_username = $username;
    mysqli_stmt_bind_param($stmt, "s", $param_username);

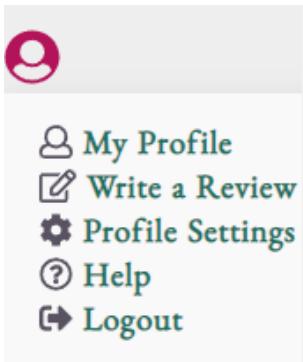
    // Try to execute this statement
    if(mysqli_stmt_execute($stmt)){
        mysqli_stmt_store_result($stmt);
        if(mysqli_stmt_num_rows($stmt) == 1) {
            mysqli_stmt_bind_result($stmt, $id, $username, $hashed_password);
            if(mysqli_stmt_fetch($stmt)) {
                if($password == $hashed_password) {
```

```
// this means the password is correct. Allow user to login
echo '<p style="text-align:center;"> <font color=red>Successfully logged in</font> </p>';
/*session_start();*/
$_SESSION["username"] = $username;
$_SESSION["id"] = $id;
$_SESSION["loggedin"] = true;

header("location: ../userprofile.php");

}
else {
    echo '<p style="text-align:center;"> <font color=red>Enter correct password</font> </p>';
}
}
else {
    echo '<p style="text-align:center;"> <font color=red>Could not fetch results</font> </p>';
}
}
}
}
}>
```

2. Logout:



```
<?php
// Initialize the session
session_start();

// Unset all of the session variables
$_SESSION = array();

// Destroy the session.
session_destroy();

// Redirect to login page
header("location: ../home-page.php");
exit;
?>
```

3. My Orders page:



Order Details

Order No : 1101
Email : jatin@gmail.com
Date : 2021-11-20

Budget :	3000000.00
Celebration Date :	2021-11-30
Event :	Workshop
Guest Invited :	156
Venue :	Radisson Blu Hotel



Bill

Bill No : 4506
Order No : 1101
Email : jatin@gmail.com
Date : 2021-11-21 04:59:51

Venue Charges :	1000000.00
Food Charges :	842400.00
Valet Charges :	Free

Total:	1842400.00
Tax :	368480.00
Final Amount:	2210880.00

Order Details:

```
<?php
//This script will handle login
session_start();

require_once "config.php";
// check if the user is already logged in
if(isset($_SESSION['username'])) {
    $id = $_SESSION['id'];
    $sql = "SELECT Order_No, ODate, Budget, EDate, NEvent, Guests, Venue FROM my_orders WHERE Email_Id = ?";
    $stmt = mysqli_prepare($conn, $sql);
    $param_id = $id;
    mysqli_stmt_bind_param($stmt, "s", $param_id);
    if(mysqli_stmt_execute($stmt)) {
        mysqli_stmt_store_result($stmt);
        if(mysqli_stmt_num_rows($stmt) == 1) {
            mysqli_stmt_bind_result($stmt, $order_no, $odate, $budget, $edate, $event, $guests, $venue);
            if(mysqli_stmt_fetch($stmt)) {
                echo "<h2>Order Details</h2>";
                echo "<p> Order No : $order_no <br>Email : $id <br>Date : $odate <br>";
                echo "<table class='order-descp'>";
                <tr>
                    <td>Budget :</td>
                    <td>$budget</td>
                </tr>
                <tr>
                    <td>Celebration Date : </td>
                    <td>$edate</td>
                </tr>
                <tr>
                    <td>Event :</td>
                    <td>$event</td>
                </tr>
                <tr>
                    <td>Guest Invited:</td>
                    <td>$guests</td>
                </tr>
                <tr>
                    <td>Venue :</td>
                    <td>$venue</td>
                </tr>
            </table>";
            }
        }
    }
}
```

Bill Details:

```
<?php
//This script will handle login
//session_start();

require_once "config.php";
// check if the user is already logged in
if(isset($_SESSION['username'])) {
    $id = $_SESSION['id'];
    $sql = "SELECT Bill_No, Order_No, Bill_Date, V_Charges, F_Charges, Total, Tax, Final FROM bill WHERE Email_Id = ?";
    $stmt = mysqli_prepare($conn, $sql);
    $param_id = $id;
    mysqli_stmt_bind_param($stmt, "s", $param_id);
    if(mysqli_stmt_execute($stmt)) {
        mysqli_stmt_store_result($stmt);
        if(mysqli_stmt_num_rows($stmt) == 1) {
            mysqli_stmt_bind_result($stmt, $billno, $orderno, $billdate, $vcharges, $fcharges, $total, $tax, $final);
            if(mysqli_stmt_fetch($stmt)) {
                echo "<h2>Bill</h2>";
                echo "<p> Bill No : $billno <br>Order No : $orderno <br>Email : $id <br>Date : $billdate <br>";
                echo "<table class='bill-descp'>";
                <tr>
                    <td>Venue Charges :</td>
                    <td>$vcharges</td>
                </tr>
                <tr>
                    <td> Food Charges : </td>
                    <td>$fcharges</td>
                </tr>
                <tr>
                    <td>Valet Charges :</td>
                    <td>Free</td>
                </tr>
            </table>
            <br><br>

            <table class='total-amount'>
                <tr>
                    <td>Total:</td>
                    <td>$total</td>
                </tr>
                <tr>
                    <td>Tax :</td>
                    <td>$tax</td>
                </tr>
                <tr>
                    <td>Final Amount:</td>
                    <td>$final</td>
                </tr>
            </table>";
            }
        }
    }
}
?>
```

4. My Profile Details:



Name: Jatin Sharma

Email: jatin@gmail.com

Mobile: 8148965478

Address: H.No. 04, Newtown, Kolkata, West Bengal

```

<?php
//This script will handle login
session_start();

require_once "../config.php";
// check if the user is already logged in
if(isset($_SESSION['username'])) {
    $username = $_SESSION['username'];
    $sql = "SELECT FName, LName, Address, City, State, mobile_No, Email_id FROM Registration WHERE User_Id = ?";
    $stmt = mysqli_prepare($conn, $sql);
    $param_username = $username;
    mysqli_stmt_bind_param($stmt, "s", $param_username);
    if(mysqli_stmt_execute($stmt)) {
        mysqli_stmt_store_result($stmt);
        if(mysqli_stmt_num_rows($stmt) == 1) {
            mysqli_stmt_bind_result($stmt, $fname, $lname, $address, $city, $state, $mobno, $eid);
            if(mysqli_stmt_fetch($stmt)) {
                echo "<p class='avatar-para'>Name: $fname $lname <br>Email: $eid <br>Mobile: $mobno <br>Address: $address, $city, $state</p>";
            }
        }
    }
}
}
?>

```

5. Chat :

Chat

Message

Type message..

Send

Close

```

<?php
//This script will handle login
//session_start();

require_once "config.php";

if ($_SERVER['REQUEST_METHOD'] == "POST") {
    $msg = $_POST['msg'];
    $id = $_SESSION['id'];
    $sql = "INSERT INTO Message (EmailAddress, Message) VALUES ('$id', '$msg')";
    if (mysqli_query($conn, $sql)) {
        echo "Chat sent!";
    }
    else {
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
}

?>

```

6. Feedback:

Your Feedback

Write a review..

Submit

MY PROFILE


```

<?php
//This script will handle login
session_start();


require_once "config.php";

if ($_SERVER['REQUEST_METHOD'] == "POST") {
    $msg = $_POST['msg'];
    $id = $_SESSION['id'];
    $sql = "INSERT INTO Feedback (Email_Id, Message) VALUES ('$id', '$msg')";
    if (mysqli_query($conn, $sql)) {
        echo "Review recorded";
    }
    else {
        echo "Error: " . $sql . "<br>" . mysqli_error($conn);
    }
}

?>

```

7. Orders:





BUDGET


Budget of Event

Amount:

Date

From: 

To: 




EVENTS

Event to Celebrate

Event

Guest to Attend Function


No of Guest:



VENUE

Venue for Event

Venue



MENU

Menu of Event

What you would like to eat?

- ☐ Paneer Pasanda
- ☐ Dal Bukhara
- ☒ Zafrani Pulao
- ☒ Indo-Chinese
- ☒ Dahi Bhalle
- ☒ Cold Drinks
- ☐ Aloo ki tikki
- ☐ Litti Chokha
- ☒ Chocolate Fondue
- ☒ Pasta Primavera
- ☒ Salad

Save

MY PROFILE

```

<?php
//This script will handle login
session_start();

require_once "config.php";

if($_SERVER['REQUEST_METHOD'] == "POST") {
    // Storing values entered by the user.
    $username = $_SESSION['username'];
    $budget = $_POST['amount'];
    $date_from = $_POST['booking_date_from'];
    $date_to = $_POST['booking_date_to'];
    $eventname = $_POST['chooseEvent'];
    // Getting event code using event name.
    $sql = "SELECT Event_code FROM event WHERE Event_type = ?";
    $stmt = mysqli_prepare($conn, $sql);
    $param_event = $eventname;
    mysqli_stmt_bind_param($stmt, "s", $param_event);
    if(mysqli_stmt_execute($stmt)) {
        mysqli_stmt_store_result($stmt);
        if(mysqli_stmt_num_rows($stmt) == 1) {
            mysqli_stmt_bind_result($stmt, $event_code);
            if(mysqli_stmt_fetch($stmt)) {
                $eventcode = $event_code;
            }
        }
    }
}

$guests = $_POST['guests'];

```

```

$venue_name = $_POST['chooseVenue'];
// Getting venue code using venue name.
$sql = "SELECT V_Id FROM venue WHERE V_Name = ?";
$stmt = mysqli_prepare($conn, $sql);
$param_venue = $venue_name;
mysqli_stmt_bind_param($stmt, "s", $param_venue);
if(mysqli_stmt_execute($stmt)) {
    mysqli_stmt_store_result($stmt);
    if(mysqli_stmt_num_rows($stmt) == 1) {
        mysqli_stmt_bind_result($stmt, $venue_code);
        if(mysqli_stmt_fetch($stmt)) {
            $venuecode = $venue_code;
        }
    }
}

// Fetching and calculating total food charges.
$meal = $_POST['meal'];
$N = count($meal);
$foodcharges = 0;
$sql = "SELECT Descp, Price FROM Menu";
if($result = mysqli_query($conn, $sql)) {
    if(mysqli_num_rows($result) > 0) {
        while($row = mysqli_fetch_array($result)) {
            for($i=0; $i<$N; $i++) {
                if($meal[$i] == $row['Descp']) {
                    $foodcharges = $foodcharges + $row['Price'];
                }
            }
        }
        $foodcharges = $foodcharges * $guests;
        mysqli_free_result($result);
    }
}

```

```

        else {
            echo "No records in the table.";
        }
    }
    else {
        echo "Could not execute $sql." . mysqli_error($conn);
    }

    // Inserting value in the database.
    $sql = "INSERT INTO Orders(Username, Date_from, Date_to, EventCode, VenueCode, FoodCharges, Budget, Guests) VALUES
    ($username, $date_from, $date_to, $eventcode, $venuecode, $foodcharges, $budget, $guests)";
    if(mysqli_query($conn, $sql)) {
        echo '<p style="text-align:center;"><font color=red>Order Placed!</font></p>';
    }
    else {
        echo "Error" . $sql . "<br>" . mysqli_error($conn);
    }
}
?>

```

BIBLIOGRAPHY

- Google fonts: <https://fonts.google.com/>
Font family used:
font-family: 'Dancing Script', cursive;
font-family: 'EB Garamond', serif;
font-family: 'Libre Baskerville', serif;
font-family: 'Sacramento', cursive;
- CSS Fonts : <https://www.cssfontstack.com/>
Used to check availability of fonts on different systems
- W3school:
 - CSS defaults: https://www.w3schools.com/cssref/css_default_values.asp
Used to check CSS default values
 - Color-Picker : https://www.w3schools.com/colors/colors_picker.asp
Color reference for our website
 - Image formatting : https://www.w3schools.com/html/html_images.asp
Learned to use attribute property of image
 - https://www.w3schools.com/html/html_blocks.asp
Helped to resolve block and inline element properties
 - Iframe property : https://www.w3schools.com/html/html_iframe.asp
Helped to use iframes
 - HTML forms : https://www.w3schools.com/html/html_forms.asp
Used for to learn use of forms in better way along with their properties
- Emojipedia : <https://emojipedia.org/>
To use various emojis
- Favicon : <https://www.favicon.cc/?>
Used to create favicon
- Codeplay : <https://www.codeply.com/p?starter=Bootstrap%204>
Used to check responsiveness of divivisons
- FontAwesome : <https://fontawesome.com/>
Used for emoticon of popular apps
- ColorHunt : <https://colorhunt.co/>
Used color references for our website
- PHP Manual: <https://www.php.net/manual/en/>
Used for database connectivity (running the queries)

- Youtube:
 - <https://www.youtube.com/watch?v=-xmo2wVNpNg>
 - https://www.youtube.com/watch?v=OK_JCrrv-c&t=5346s
 - <https://www.youtube.com/watch?v=tLXbTE4Mleg&t=175s>
- Database System Concepts | 6th Edition Paperback
By Abraham Silberschatz (Author), Henry F. Korth (Author), S. Sudarshan (Author)