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CS 457/CS 557 – Database Software Design

Event Management System

(Group - FP 14)

1. Contribution of each member of the group

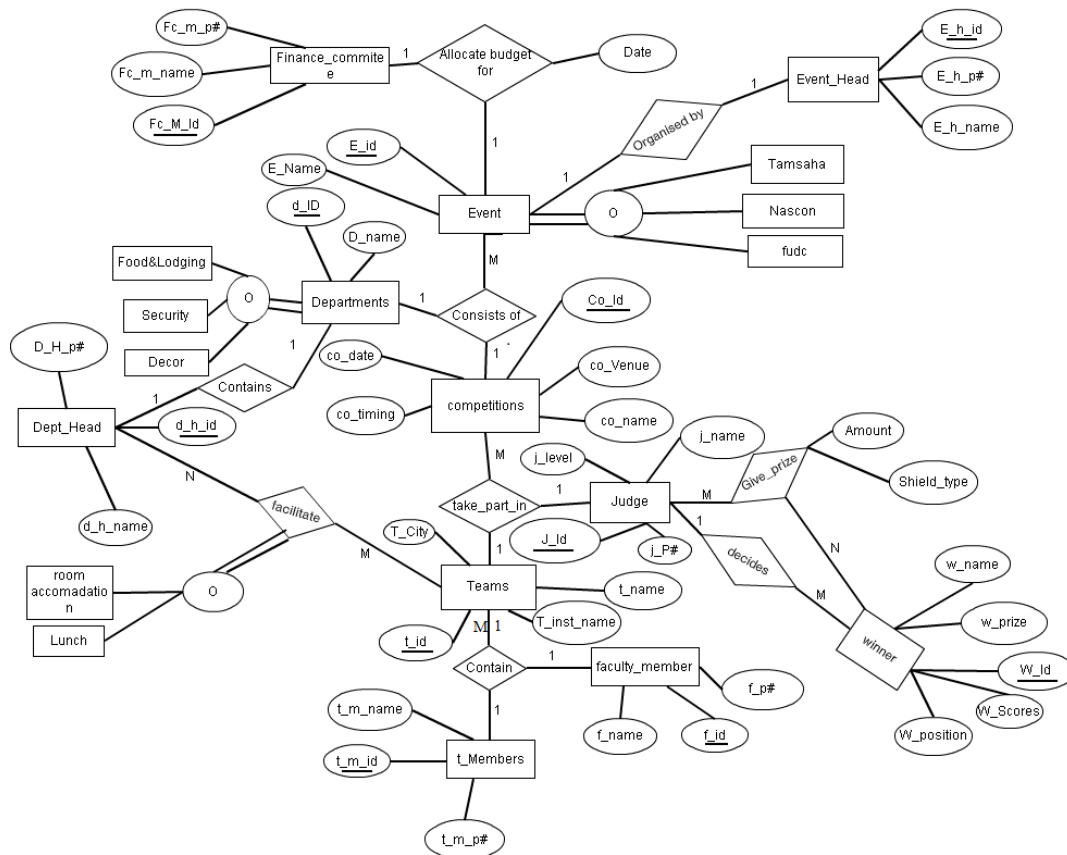
Full name	Contribution
Pandya Kaustubh Hemang (002344302)	Design and Database
Khandar Nikunj Kumar (002347606)	Programming and Testing
Dabhi Priyank Nilesh (002348509)	Documentation

2. Project description

- Description
 - An event management system, often known as event management software, aids event planners in the planning, execution, and reporting of events.
- The different stages to realize the project.
 - An event management system allows you to:
 - Minimize administration efforts
 - Eliminate missed communications
 - Digitize how your events are run
 - Maximize your campus flexibility
 - Save time planning future events
 - Access detailed reports & analytics

3. Modeling Scheme

Provide the modeling of your final project. In this course, only ER modeling will be accepted. You must provide ER or EER and the relational model.



ER Diagram

4. SQL queries

Header file:

```
$sql="SELECT * from tbladmin where ID=:aid";
```

Sidebar:

```
$sql="SELECT * from tblcompany ";
```

approved_booking:

```
$sql="SELECT * from tblbooking where Status='Approved'";
```

Booking report:

```
$sql="SELECT * from tblbooking ";
```

BTNdates:

```
$sql="SELECT * from tblbooking where date( BookingDate) between '$fdate' and '$tdate'";
```

```
$sql="SELECT * from tblbooking ORDER BY ID DESC";
```

Cancel Booking:

```
$sql="SELECT * from tblbooking where Status='Cancelled'";
```

Change password:

```
$sql="SELECT ID FROM tbladmin WHERE ID=:adminid and  
Password=:cpassword";
```

Change permission for the user:

```
$sql="SELECT * from permissions where permissions.id=:eid";
```

```
$sql="update permissions set createuser  
=:createuser,deleteuser=:deleteuser,createbid=:createbid,updatebid=:updatebid where  
permissions.id=:eid";
```

Check availability:

```
$sql="SELECT Email FROM tbladmin WHERE Email=:email";
```

```
$sql="SELECT companyname FROM tblcompany WHERE  
companyname=:companyname";
```

```
$sql="SELECT UserName FROM tbladmin WHERE UserName=:fullname";
```

```
$sql="SELECT BidName FROM tblbid WHERE BidName=:bidname";
```

Company profile:

```
$sql="SELECT * from tblcompany ";
```

```
$sql="update tblcompany set  
companyaddress=:companyaddress,companyemail=:companyemail,regno=:regno,co  
mpanyphone=:mobilenumber,companyname=:companyname ";
```

Dashboard:

```
$sql ="SELECT ID from tblbooking where Status is null ";
```

```
$sql ="SELECT ID from tblbooking where Status='Approved' ";
```

```
$sql ="SELECT ID from tblbooking where Status='Cancelled' ";
```

```
$sql ="SELECT ID from tblservice";
```

Database connection:

```
<?php
```

```
define('DB_HOST','localhost');
```

```
define('DB_USER','root');
```

```
define('DB_PASS','');
```

```
define('DB_NAME','bmsdb');
```

```
try
```

```
{
```

```
$dbh = new PDO("mysql:host=".DB_HOST.";dbname=".DB_NAME,DB_USER,  
DB_PASS,array(PDO::MYSQL_ATTR_INIT_COMMAND => "SET NAMES  
'utf8'"));
```

```
}
```

```
catch (PDOException $e)
```

```
{
```

```
exit("Error: " . $e->getMessage());
```

```
}
```

```
$conn = mysqli_connect("localhost","root","","bmsdb");
```

?>

Delete user:

```
$sql="SELECT * from tbladmin where Status='0' ";
```

```
$sql="update tbladmin set Status='1' where ID='$rid'";
```

Event Report:

```
$sql="delete from tbleventtype where ID=:rid";
```

Forgot Password:

```
$sql ="SELECT Email FROM tbladmin WHERE Email=:email and  
MobileNumber=:mobile";
```

Index page:

```
$sql ="SELECT * FROM tbladmin WHERE UserName=:username and  
Password=:password";
```

Invoice generator:

```
$sql="SELECT  
tblbooking.BookingID,tblbooking.Name,tblbooking.MobileNumber,tblbooking.Email  
,tblbooking.EventDate,tblbooking.EventStartingtime,tblbooking.EventEndingtime,tbl  
booking.VenueAddress,tblbooking.EventType,tblbooking.AdditionalInformation,tblb  
ooking.BookingDate,tblbooking.Remark,tblbooking.Status,tblbooking.UpdationDate,  
tblservice.ServiceName,tblservice.SerDes,tblservice.ServicePrice from tblbooking  
join tblservice on tblbooking.ServiceID=tblservice.ID where tblbooking.ID=:invid";
```

Logout:

```
<?php  
  
session_start();  
  
session_unset();  
  
session_destroy();  
  
header('location:index.php');  
  
?>
```

Manage Event:

```
$sql="delete from tbleventtype where ID=:rid";
```

Manage Service:

```
$sql="delete from tblservice where ID=:rid";
```

New booking:

```
$sql="SELECT * from tblbooking where Status is null";
```

```
$sql="SELECT * from tblbooking where ID=:eid2";
```

```
$sql="insert into  
tblbooking(BookingID,ServiceID,Name,MobileNumber,Email,EventDate,EventStarti  
ngtime,EventEndingtime,VenueAddress,EventType,AdditionalInformation)values(:bo  
okingid,:bid,:name,:mobnum,:email,:edate,:est,:eetime,:vaddress,:eventtype,:addinfo)  
";
```

New booking action:

```
$sql= "update tblbooking set Status=:status,Remark=:remark where ID=:bid";
```

New User form:

```
$sql ="SELECT UserName FROM tbladmin WHERE UserName=:fullname";
```

```
$sql="INSERT INTO
```

```
tbladmin(Staffid,AdminName,UserName,FirstName,LastName,Email,MobileNumber  
,Password)
```

```
VALUES(:staffid,:dignity,:fname,:firstname,:lastname,:email,:mobile,:password)";
```

```
$sql="insert into tblservice(ServiceName,SerDes)values(:sectorname,:sectordes)";
```

New Service:

```
$sql="insert into
```

```
tblservice(ServiceName,SerDes,ServicePrice)values(:servicename,:servicedes,:price)"
```

```
;
```

New Event:

```
$sql="insert into tbleventtype(EventType)values(:event)";
```

Profile:

```
$sql="update tbladmin set
```

```
UserName=:adminname,FirstName=:firstname,LastName=:lastname,MobileNumber=  
:mobilenumber,Email=:email where ID=:aid";
```


Timeline:

```
$sql = "SELECT * FROM bookings " .
```

```
"WHERE DATE(date) > DATE(NOW()) " .
```

```
"AND dateofquote != " " .
```

```
"AND email != " " .
```

```
"AND confirmed = 0";
```

Update image:

```
$sql="update tbladmin set Photo=:productimage1 where ID=:aid";
```

Update Logo:

```
$sql="update tblcompany set companylogo=:filename ";
```

Update Service:

```
$sql="SELECT * from tblservice where tblservice.ID=:eid";
```

```
$sql="update tblservice set ServiceName  
=:servicename,SerDes=:servicedes,ServicePrice=:price where tblservice.ID=:eid";
```

Update User details:

```
$sql="SELECT * from tbladmin where tbladmin.ID=:eid";
```

```
$sql4="update tbladmin set  
FirstName=:firstname2,LastName=:lastname2,MobileNumber=:mobilenumber2,Email=:email2 where ID=:aid";
```

User registration:

```
$sql="SELECT * from tbladmin where Status='1' ";
```

```
$sql="update tbladmin set Status='0' where ID='$rid'";
```

View New Booking:

```
$sql="SELECT  
tblbooking.BookingID,tblbooking.Name,tblbooking.MobileNumber,tblbooking.Email  
,tblbooking.EventDate,tblbooking.EventStartingtime,tblbooking.EventEndingtime,tbl  
booking.VenueAddress,tblbooking.EventType,tblbooking.AdditionalInformation,tblb  
ooking.BookingDate,tblbooking.Remark,tblbooking.Status,tblbooking.UpdationDate,  
tblservice.ServiceName,tblservice.SerDes,tblservice.ServicePrice from tblbooking  
join tblservice on tblbooking.ServiceID=tblservice.ID where tblbooking.ID=:eid";
```

User permission Update:

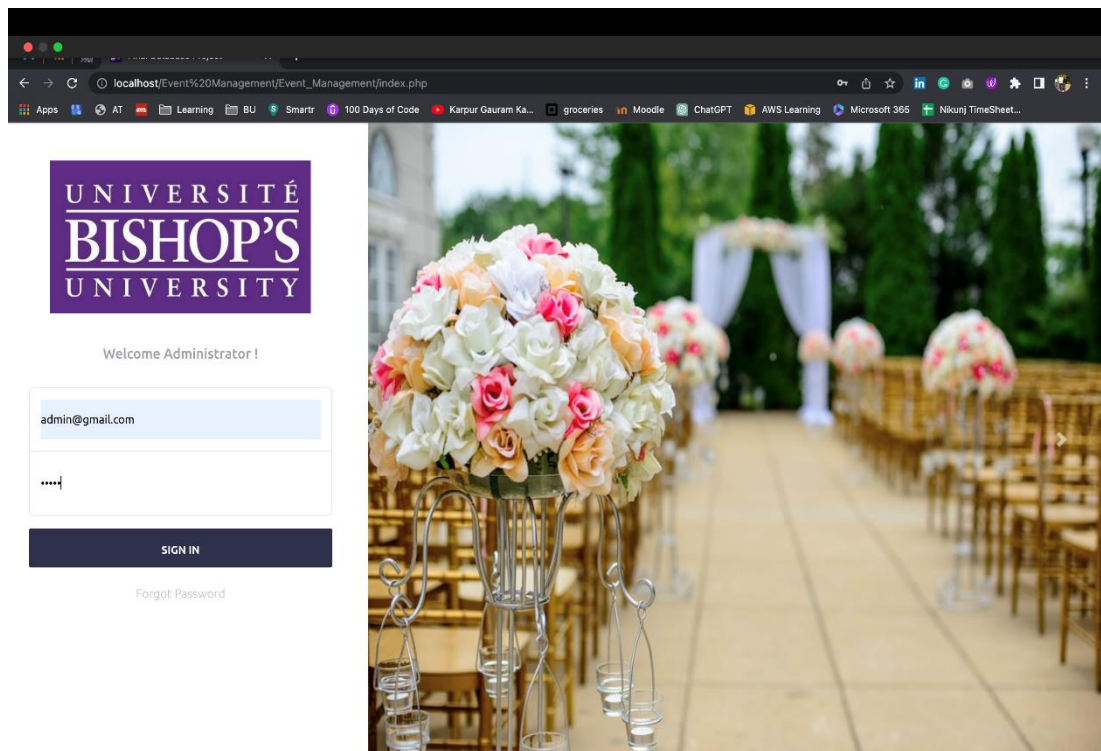
```
$sql="update tbladmin set Status='0' where ID='$rid'";
```

5. Implementation

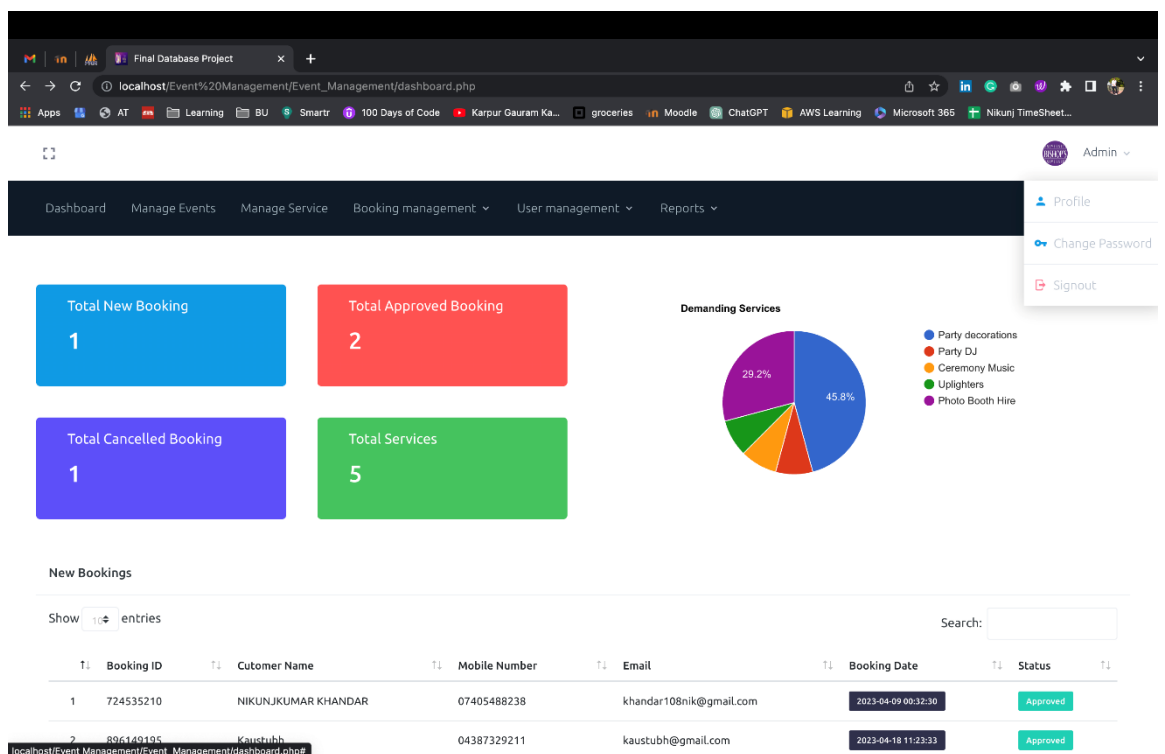
- Tools: -
 - Xampp
 - VS Code
 - HTML
 - CSS
 - JavaScript
 - PHP
 - MySql
- In this project, data coupling was used because the system's various modules exchange data.

6. Screenshots of the user interface of your final project

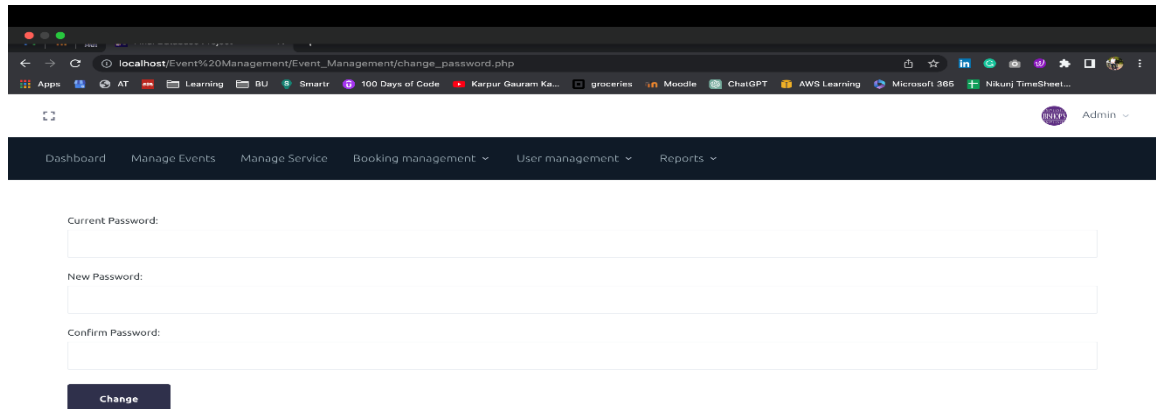
a. Login Interface



b. Dashboard

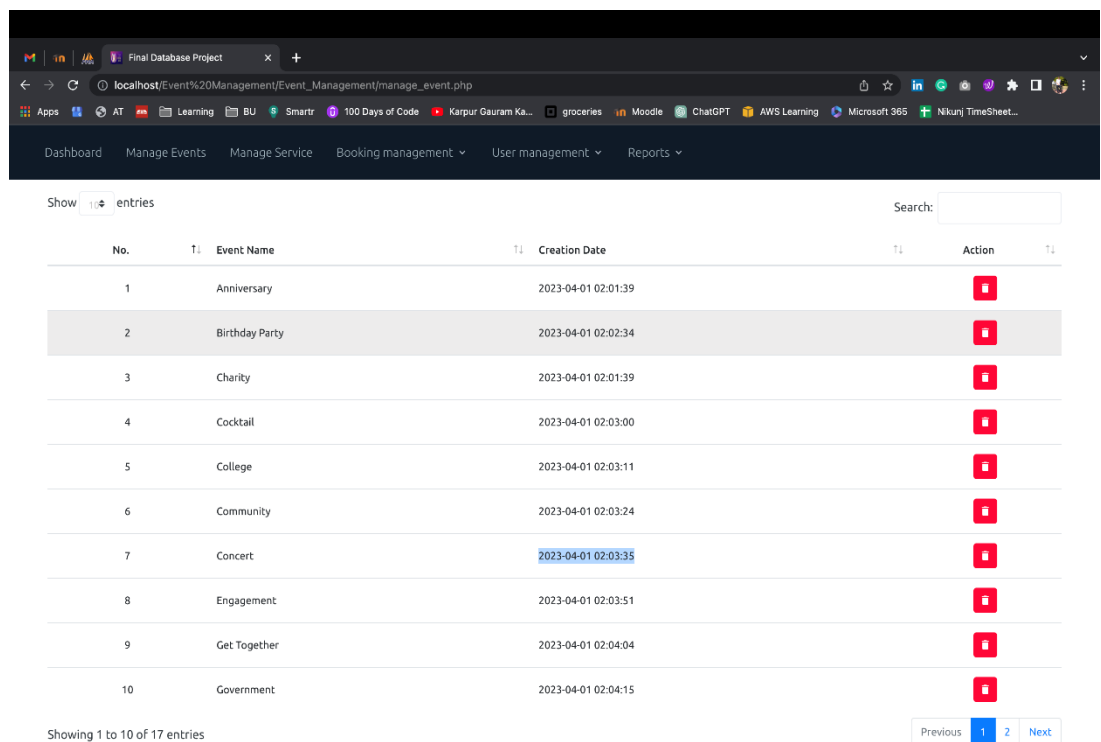


c. Change User Password













The screenshot shows a web browser window with the URL `localhost/Event%20Management/Event_Management/change_password.php`. The browser's address bar and tabs are visible. Below the browser window, there is a dark navigation bar with links: Dashboard, Manage Events, Manage Service, Booking management, User management, and Reports. The main content area contains a form with three input fields labeled 'Current Password:', 'New Password:', and 'Confirm Password:'. A 'Change' button is located at the bottom of the form.

d. Manage Event



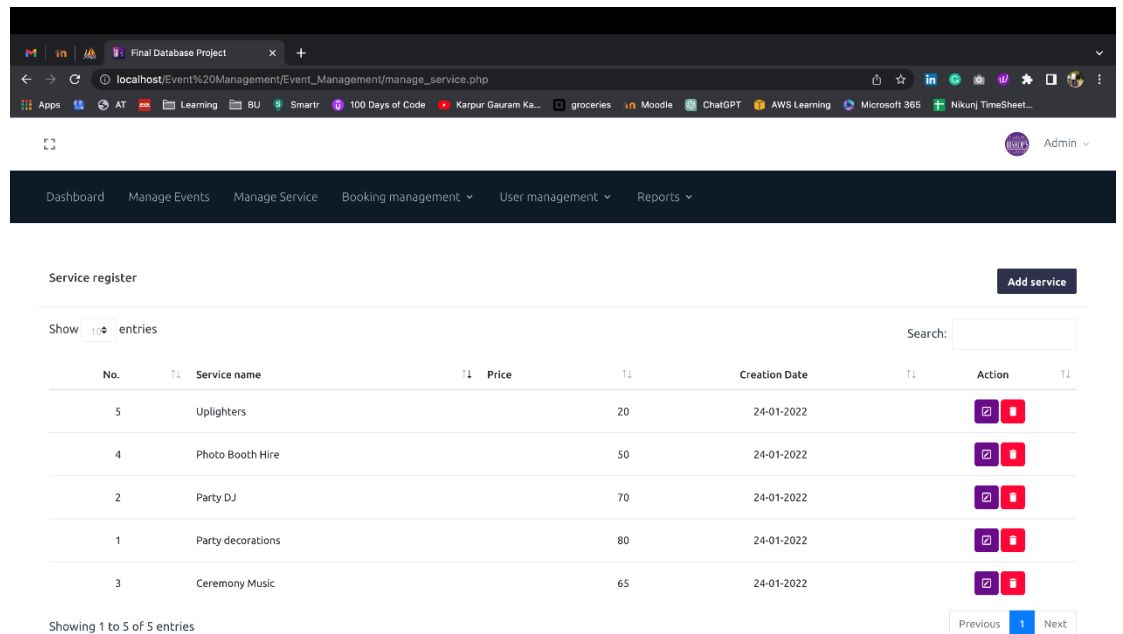
The screenshot shows a web browser window with the URL `localhost/Event%20Management/Event_Management/manage_event.php`. The browser's address bar and tabs are visible. Below the browser window, there is a dark navigation bar with links: Dashboard, Manage Events, Manage Service, Booking management, User management, and Reports. The main content area shows a table of events. The table has columns: No., Event Name, Creation Date, and Action. There are 10 entries listed. A search bar is located at the top right of the table. The table is paginated, showing 1 to 10 of 17 entries.

No.	Event Name	Creation Date	Action
1	Anniversary	2023-04-01 02:01:39	
2	Birthday Party	2023-04-01 02:02:34	
3	Charity	2023-04-01 02:01:39	
4	Cocktail	2023-04-01 02:03:00	
5	College	2023-04-01 02:03:11	
6	Community	2023-04-01 02:03:24	
7	Concert	2023-04-01 02:03:35	
8	Engagement	2023-04-01 02:03:51	
9	Get Together	2023-04-01 02:04:04	
10	Government	2023-04-01 02:04:15	

Showing 1 to 10 of 17 entries











Previous 1 2 Next

e. Manage Service



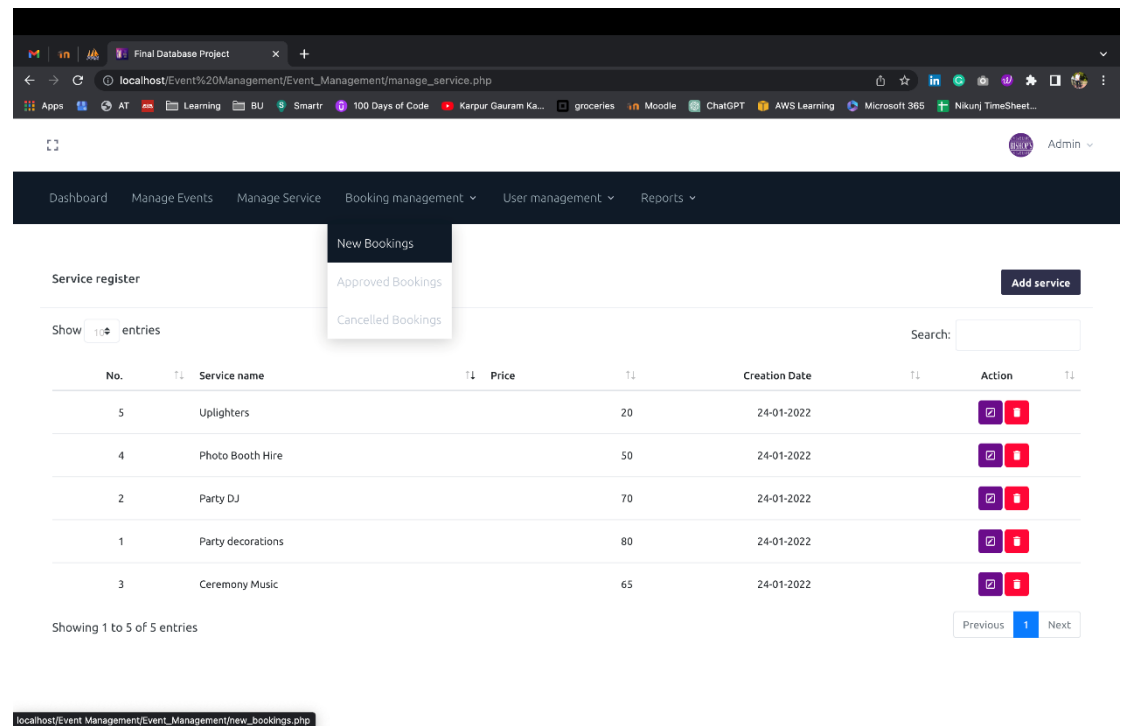
Service register Add service

Show 10 entries Search:

No.	Service name	Price	Creation Date	Action
5	Uplighters	20	24-01-2022	 
4	Photo Booth Hire	50	24-01-2022	 
2	Party DJ	70	24-01-2022	 
1	Party decorations	80	24-01-2022	 
3	Ceremony Music	65	24-01-2022	 











Showing 1 to 5 of 5 entries Previous 1 Next

f. Booking Management



Service register Add service

Show 10 entries Search:

No.	Service name	Price	Creation Date	Action
5	Uplighters	20	24-01-2022	 
4	Photo Booth Hire	50	24-01-2022	 
2	Party DJ	70	24-01-2022	 
1	Party decorations	80	24-01-2022	 
3	Ceremony Music	65	24-01-2022	 

Showing 1 to 5 of 5 entries Previous 1 Next

localhost/Event Management/Event_Management/new_bookings.php

g. User Management

The screenshot shows the 'User management' section of the Event Management system. The top navigation bar includes 'Dashboard', 'Manage Events', 'Manage Service', 'Booking management', 'User management', and 'Reports'. The 'User management' dropdown menu is open, showing 'Manage users' and 'User Roles'. The 'Service register' section has an 'Add service' button. Below it, a table lists services with columns for No., Service name, Price, Creation Date, and Action. The table shows 5 entries, with the first entry being 'Uplighters' with a price of 20 and a creation date of 24-01-2022. The 'Showing 1 to 5 of 5 entries' message is displayed at the bottom of the table.

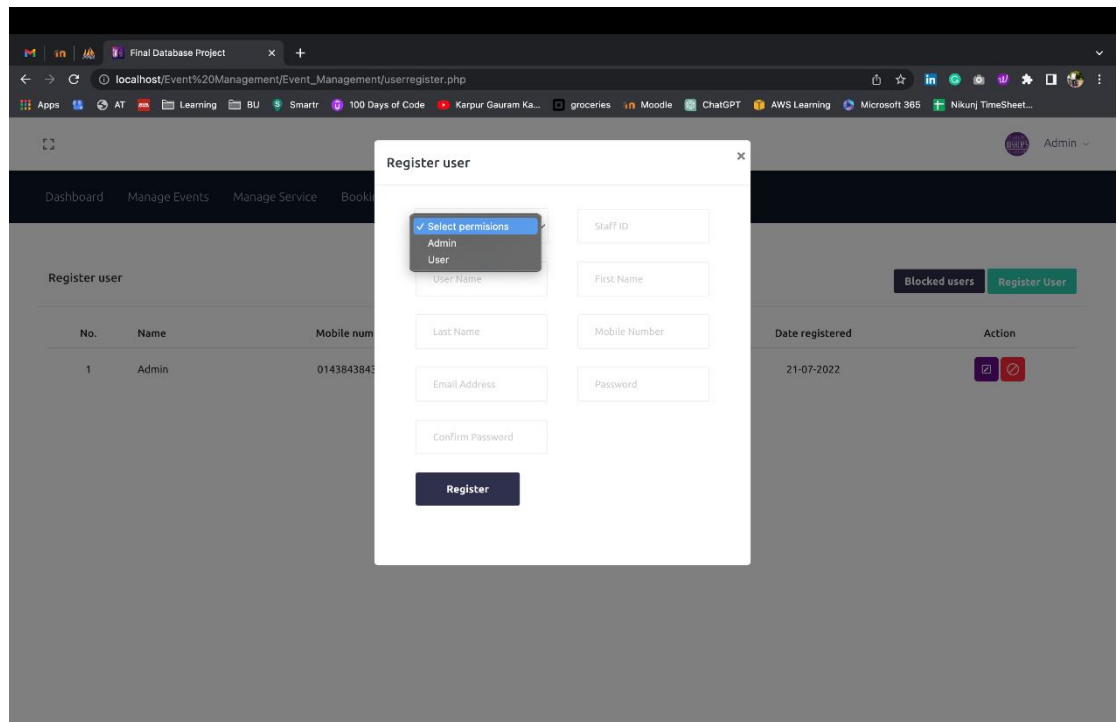
No.	Service name	Price	Creation Date	Action
5	Uplighters	20	24-01-2022	Edit Delete
4	Photo Booth Hire	50	24-01-2022	Edit Delete
2	Party DJ	70	24-01-2022	Edit Delete
1	Party decorations	80	24-01-2022	Edit Delete
3	Ceremony Music	65	24-01-2022	Edit Delete

h. Manage Users & User Roles

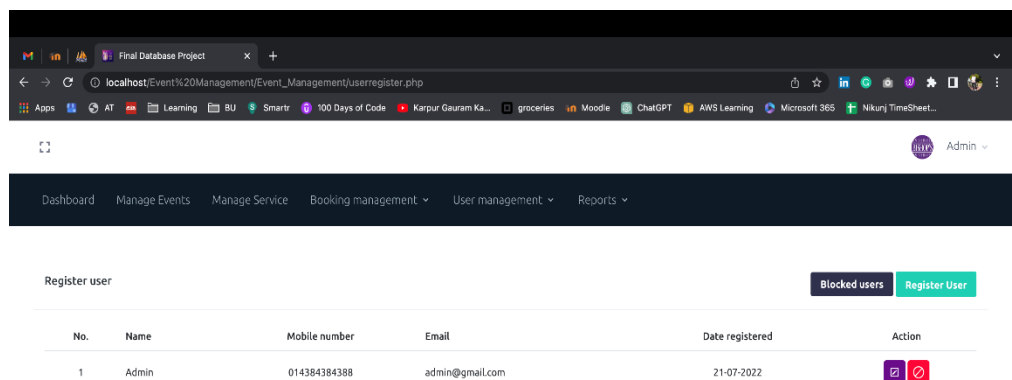
The screenshot shows the 'New Bookings' form in the Event Management system. The form is a modal window with the following fields:

- Full Name (Name)
- Email Address (Email)
- Contact No (contact)
- Event Date (yyyy-mm-dd)
- Event Starting Time (Select Starting Time)
- Event Finish Time (Select Finish Time)
- Venue Address
- Type of Event (Choose Event Type)
- Additional Information

The 'Book' button is located at the bottom of the form.



i. Adding Users



Final Database Project

localhost/Event%20Management/Event_Management/new_bookings.php

Admin

Dashboard
Manage Events
Manage Service
Booking management
User management
Reports

New Bookings

Add Bookings

Show 1 entries

Search:

	Booking ID	Cutomer Name	Mobile Number	Email	Booking Date	Status	Action
1	247391802	Priyank Dabhi	04387329210	priyank@gmail.com	2023-04-18 11:37:14	Not Updated Yet	

Showing 1 to 1 of 1 entries

Previous1Next

j. Reports

Final Database Project

localhost/Event%20Management/Event_Management/manage_service.php

Admin

Dashboard
Manage Events
Manage Service
Booking management
User management
Reports

Service register

Add service

Show 5 entries

Search:

No.	Service name	Price	Creation Date	Action
5	Uplighters	20	24-01-2022	
4	Photo Booth Hire	50	24-01-2022	
2	Party DJ	70	24-01-2022	
1	Party decorations	80	24-01-2022	
3	Ceremony Music	65	24-01-2022	

Showing 1 to 5 of 5 entries

Previous1Next

Events List Reports

Booking Reports

Btndates Reports

7. Conclusions and future works

The Event Management System is a user-friendly and economical system that has been tailored to include tasks linked to the life cycle of an event. It gives the management business a new edge.

As we look towards the future, there are several exciting developments on the horizon that will further enhance the capabilities of this powerful tool. One area of focus for future works is the integration of artificial intelligence and machine learning algorithms. By leveraging these cutting-edge technologies, the event management system will be able to provide even more personalized and targeted experiences for attendees, while also streamlining the planning and execution process for organizers.