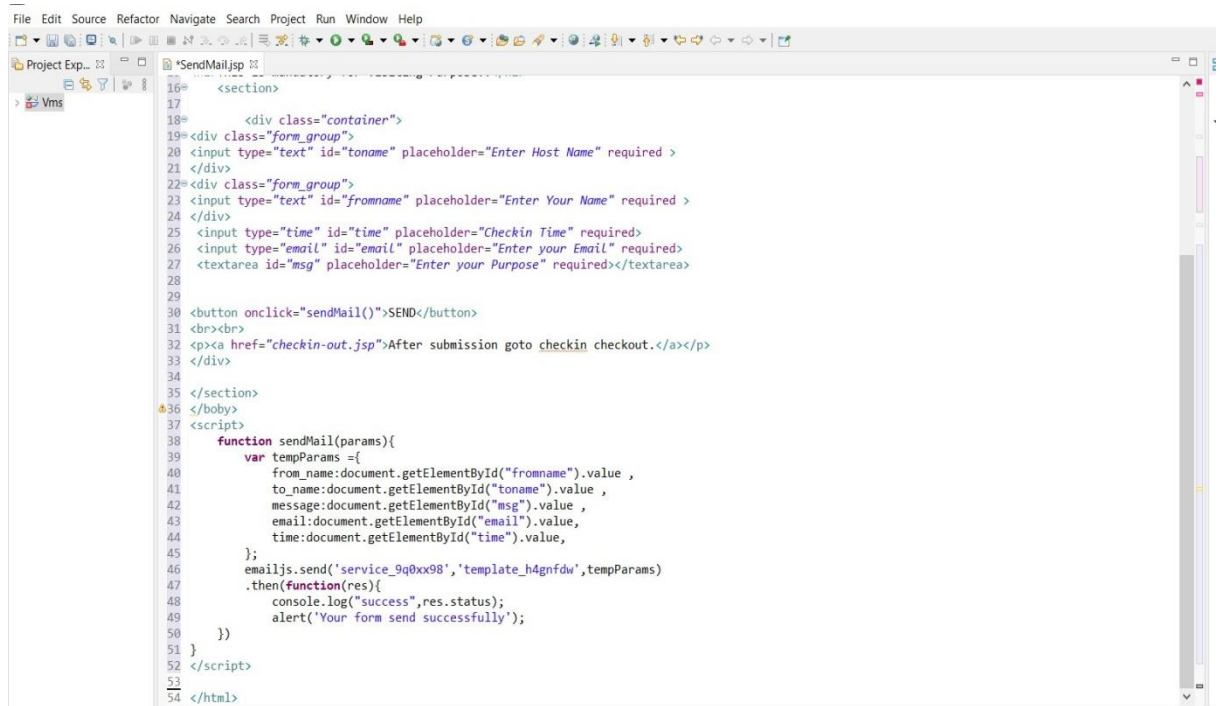


Steps to use the application

1. For sending email the written code uses REST API by EmailJS, hence you need to make an EmailJS account and enter its user_id, service_id, template_id in the code.



```
16 <section>
17
18 <div class="container">
19 <div class="form_group">
20 <input type="text" id="toname" placeholder="Enter Host Name" required >
21 </div>
22 <div class="form_group">
23 <input type="text" id="fromname" placeholder="Enter Your Name" required >
24 </div>
25 <input type="time" id="time" placeholder="Checkin Time" required>
26 <input type="email" id="email" placeholder="Enter your Email" required>
27 <textarea id="msg" placeholder="Enter your Purpose" required></textarea>
28
29
30 <button onclick="sendMail()">SEND</button>
31 <br><br>
32 <p><a href="checkin-out.jsp">After submission goto checkin checkout.</a></p>
33 </div>
34
35 </section>
36 </body>
37 <script>
38 function sendMail(params){
39     var tempParams ={
40         from_name:document.getElementById("fromname").value ,
41         to_name:document.getElementById("toname").value ,
42         message:document.getElementById("msg").value ,
43         email:document.getElementById("email").value,
44         time:document.getElementById("time").value,
45     };
46     emailjs.send('service_9q0xx98','template_h4gnfdw',tempParams)
47     .then(function(res){
48         console.log("success",res.status);
49         alert('Your form send successfully');
50     })
51 }
52 </script>
53
54 </html>
```

2. The program uses JavaServer Pages.

3. Register to the application.

Signup

Username
Sana Santra

Password
....

Email ID
sana@gmail.com

Submit

Already have an account ?
[Login](#)

Signup database

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

Schemas

- exam
- sakila
- sys
- visitor
 - Tables
 - Views
 - Stored Procedures
 - Functions
- world

Query 1

```
1 create database visitor;
2 use visitor;
3 create table user(username varchar(50), email varchar(50) primary key ,pass varchar(10));
4 select * from user;
5 create table register(username varchar(50), gender varchar(10), phone varchar(50), email varchar(50),
6 host_name varchar(20),host_phone varchar(100),host_email varchar (50),check_in_time timestamp default current_timestamp);
7 desc register;
```

Result Grid

username	email	pass
Nandini Ojha	rick@gmail.com	poo
Prapti	rick45@gmail.com	456
p	p@gmail.com	1234
pampa	p@gmail.com	1234
prapti	p1@gmail.com	12345
Prapti	p34@gmail.com	1245
prapti	prapti@gmail.com	456
Sana Santra	sana@gmail.com	1234
sarhoti Das	sd@gmail.com	1234
Sukumar Santra	sukumarsantra13@gmail.com	admin
Tuli	Tuli@gmail.com	897

Administration Schemas

Information

No object selected

user i x

Output

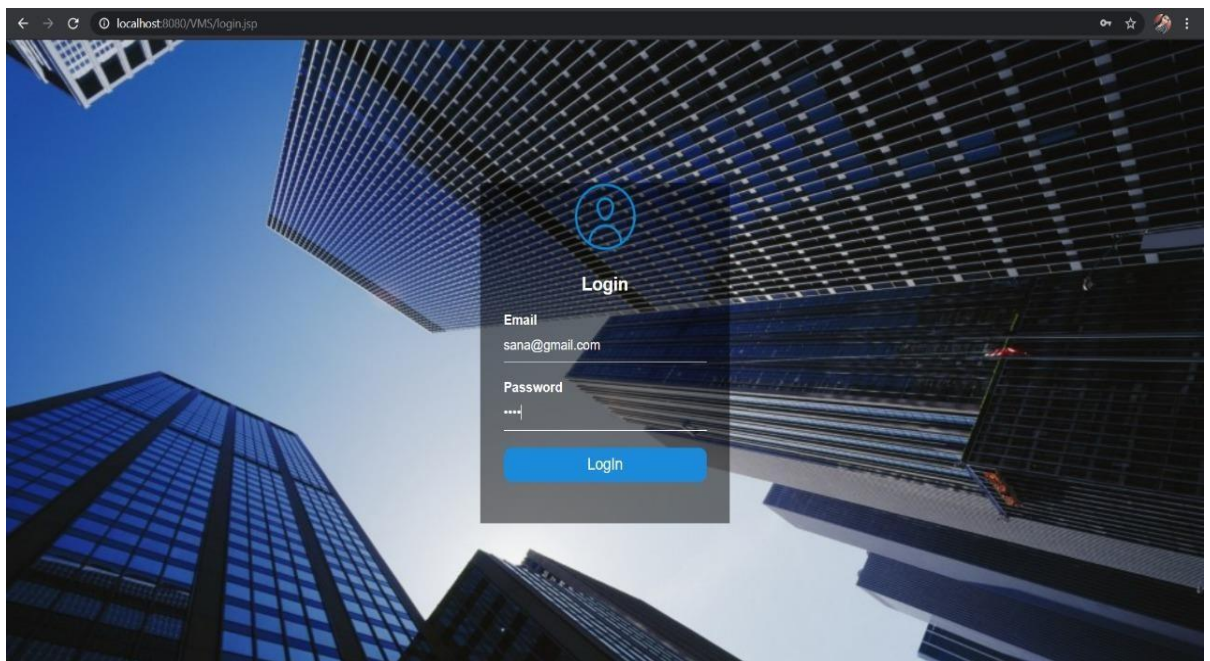
Action Output

#	Time	Action	Message	Duration / Fetch
1	13:06:01	use visitor	0 row(s) affected	0.000 sec
2	13:06:09	select * from user LIMIT 0, 1000	11 row(s) returned	0.015 sec / 0.000 sec

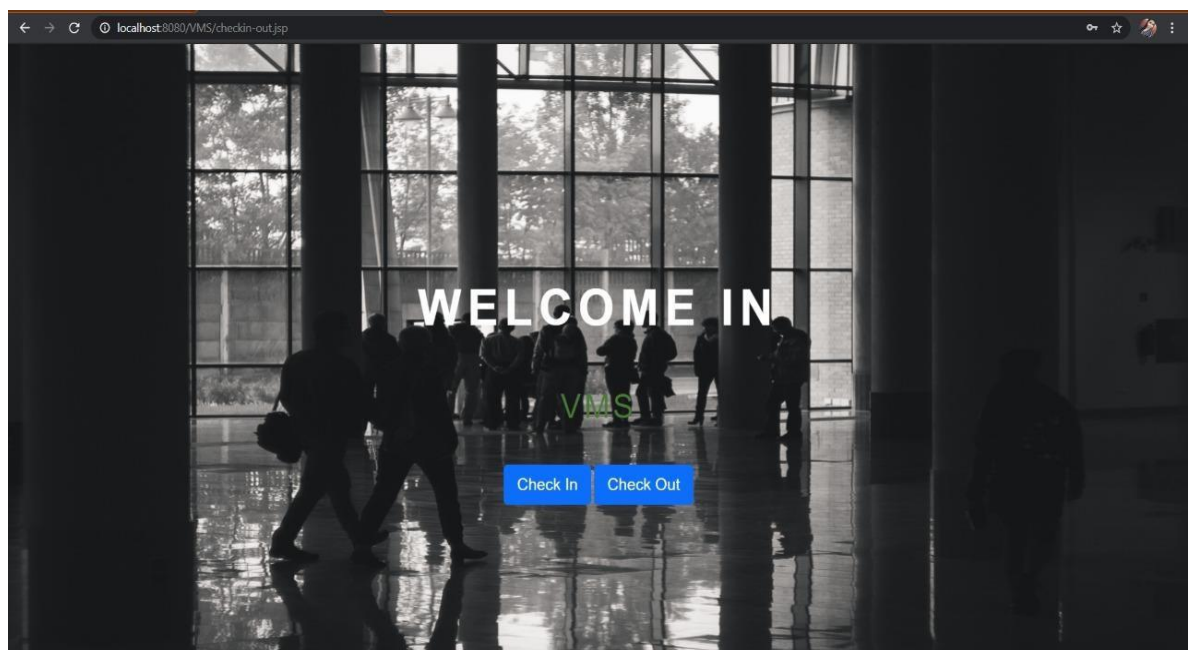
SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

4. Log in the system using the same credentials.



5. Visitor Entry management provides option for Check in a person or Check out the person.



6. Check in needs the basic details by the user.

localhost:8080/VMS/registration.jsp

Enter the details

Name: Sana Santra

Gender: ☒ Male ☐ Female

Email: sana@gmail.com

Phone Number: 6290818085

Host Name: Supratim Sarkar

Host Number: 9433856574

Host Email: supratim456@gmail.com

submit

Registration Database

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

Filter objects

SCHMAS

exam

sakila

sys

visitor

Tables

Views

Stored Procedures

Functions

world

Query 1

```
3 create table user(username varchar(50), email varchar(50) primary key, pass varchar(100));
4 select * from user;
5 create table register(username varchar(50), gender varchar(10), phone varchar(50), email varchar(50),
6 host_name varchar(20), host_phone varchar(100), host_email varchar(50), check_in_time timestamp default current_timestamp);
7 desc register;
8 drop table register;
9 select * from register;
```

Result Grid

username	gender	phone	email	host_name	host_phone	host_email	check_in_time
Prapti Santra	Female	123654789	praptsantra13@gmail.com	rt	62	praptsantra13@gmail.com	2021-04-12 00:25:40
prapti	Female	123654789	p@gmail.com	host	1235469	h@gmail.com	2021-04-12 08:44:41
Prapti Santra	12345	praptsantra13@gmail.com	jkh	446	praptsantra13@gmail.com	2021-04-12 08:57:37	
Prapti Santra	Male	1233	praptsantra13@gmail.com	hh	2312	h@gmail.com	2021-04-12 08:59:48
p	Female	6466	p@gmail.com	k	131	h@gmail.com	2021-04-12 09:04:42
p	Female	6290818085	p@gmail.com	ho	5699	h@gmail.com	2021-04-12 15:38:20
Prapti Santra	Female	3235	praptsantra13@gmail.com	hh	23649	praptsantra13@gmail.com	2021-04-12 15:46:51
p	Female	6478	k@gmail.com	jp	154	p@gmail.com	2021-04-12 16:14:01
p	Female	2445	fgf@gmail.com	dgd	567	de@gmail.com	2021-04-12 16:23:06
Prapti Santra	Female	164979	praptsantra13@gmail.com	fdfe	14979	h@gmail.com	2021-04-12 22:54:17
gg	Female	53868	p@gmail.com	gdg	43	h@gmail.com	2021-04-12 23:29:31
sanhot das	Female	6290818085	sd@gmail.com	Nandini Ojha	032278254...	nickyandini21@gmail.com	2021-04-12 23:35:38
Prapti Santra	Female	3235698985	praptsantra13@gmail.com	Nandini	231558745	n2@gmail.com	2021-04-13 23:06:02
Sana Santra	male	6290818085	sana@gmail.com	Supratim ...	9433856574	supratim456@gmail.com	2021-05-26 13:09:15
Sana Santra	male	6290818085	sana@gmail.com	Supratim ...	9433856574	supratim456@gmail.com	2021-05-26 13:10:24

register 2

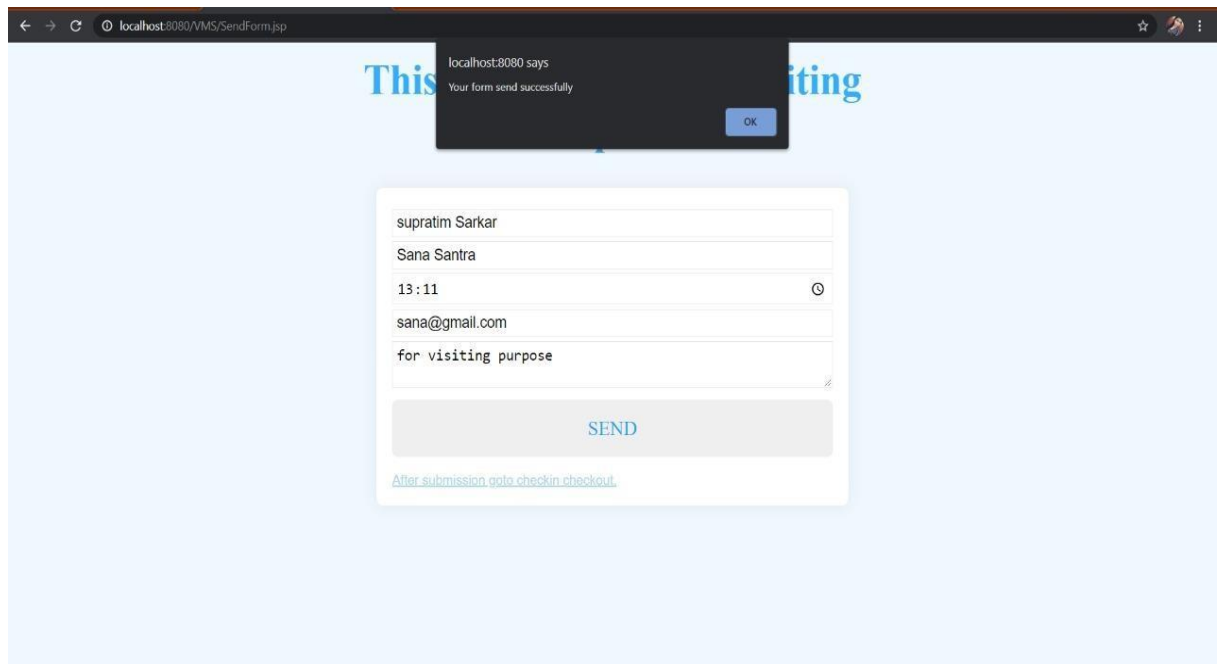
Output

#	Time	Action	Message	Duration / Fetch
1	13:06:01	use visitor	0 row(s) affected	0.000 sec
2	13:06:09	select * from user LIMIT 0, 1000	11 row(s) returned	0.015 sec / 0.000 sec
3	13:25:21	select * from register LIMIT 0, 1000	30 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

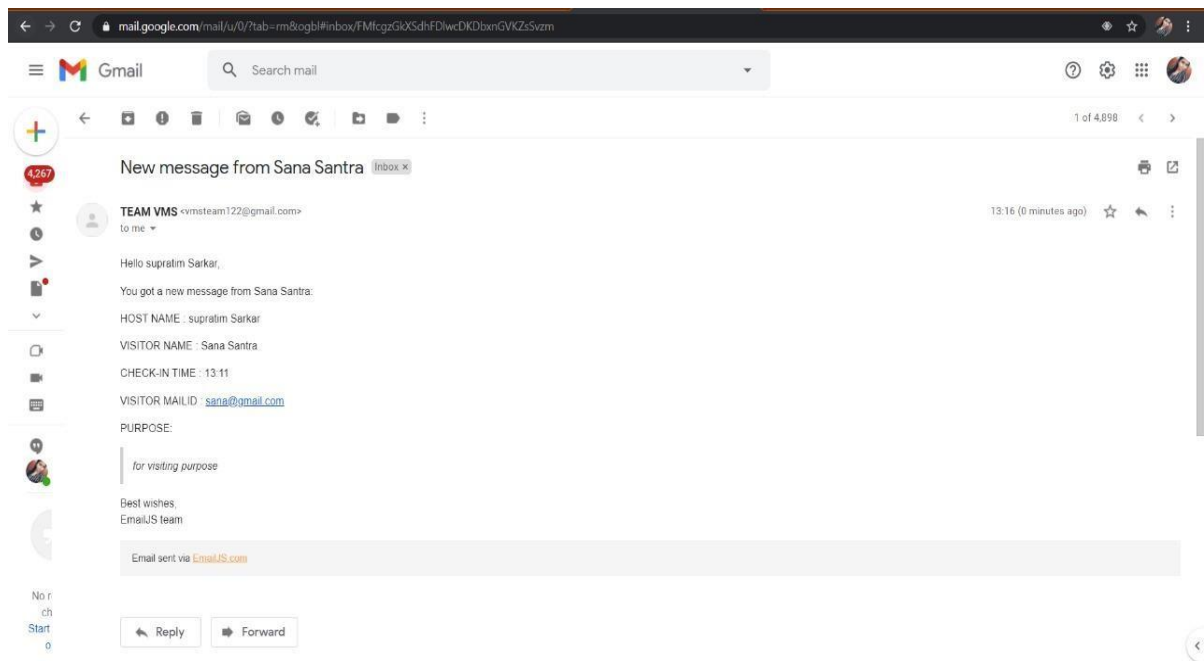
7. A form which contains details of the email to be send to the host.



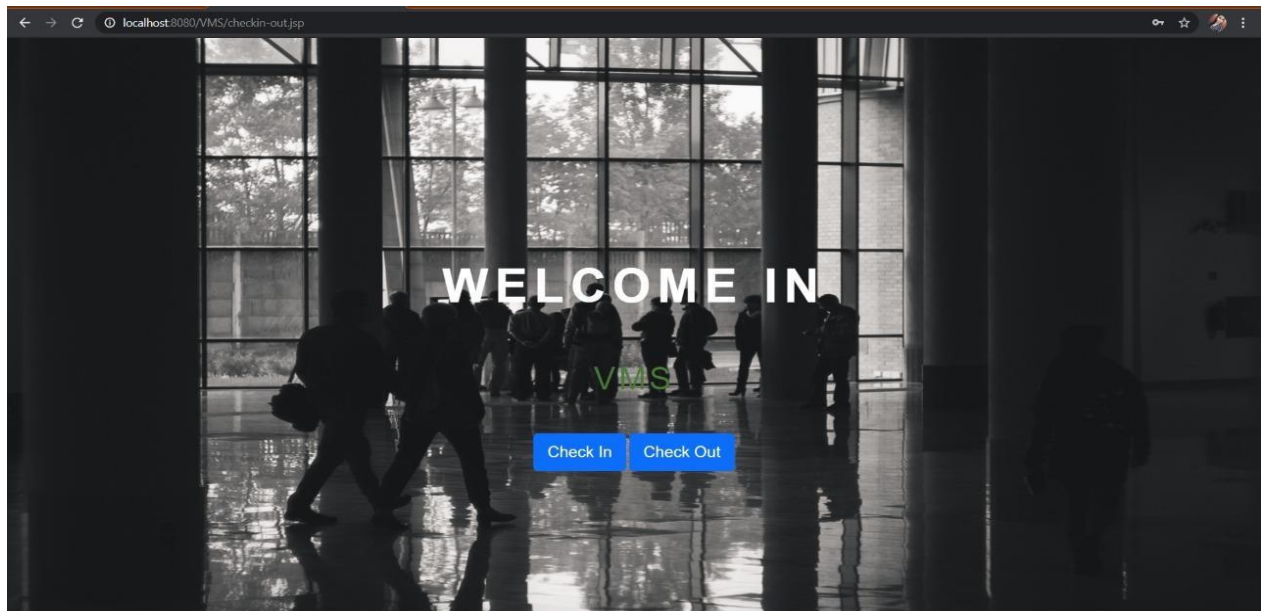
The screenshot shows a web browser window with the address bar displaying 'localhost:8080/VMS/SendForm.jsp'. A dark notification box at the top center says 'localhost:8080 says Your form send successfully' with an 'OK' button. Below it is a form with the following fields:

- Text input: supratim Sarkar
- Text input: Sana Santra
- Text input: 13:11 (with a clock icon)
- Text input: sana@gmail.com
- Text input: for visiting purpose
- Button: SEND
- Link: [After submission goto checkin checkout](#)

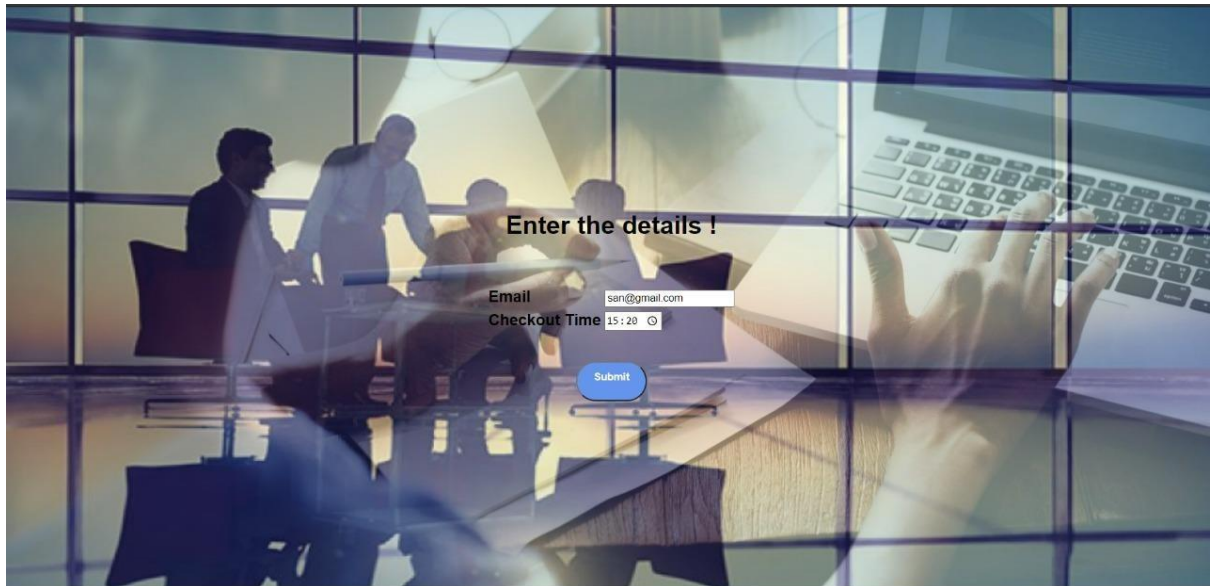
Email received to the host informing the details of the meeting.



8. The user is again directed to Check in Check Out page.



9. If the visitor completes the appointment and needs to Check Out of the system.



Check Out Database

The screenshot shows the MySQL Workbench interface. The left sidebar displays the 'SCHEMAS' list with 'exam', 'sakila', 'sys', and 'visitor' visible. The 'visitor' schema is selected, showing its tables, views, stored procedures, and functions. The main editor window displays a SQL query for creating a 'checkout' table. The query is as follows:

```
6 host_name varchar(20), host_phone varchar(100), host_email varchar(50), check_in_time timestamp default current_timestamp);
7 desc register;
8 drop table register;
9 select * from register;
10 create table checkout( email varchar(100), check_out_time timestamp default current_timestamp);
11 desc checkout;
12 select * from checkout;
```

The 'Result Grid' shows the output of the 'select * from checkout;' query, displaying a list of records with columns 'email' and 'check_out_time'. The records include email addresses like 'sukumarsantra13@gmail.com' and 'p@gmail.com' with corresponding timestamps.

The 'Output' pane at the bottom shows the 'Action Output' for the executed queries:

#	Time	Action	Message	Duration / Fetch
1	13:06:01	use visitor	0 row(s) affected	0.000 sec
2	13:06:09	select * from user LIMIT 0, 1000	11 row(s) returned	0.015 sec / 0.000 sec
3	13:25:21	select * from register LIMIT 0, 1000	30 row(s) returned	0.000 sec / 0.000 sec
4	13:26:21	select * from checkout LIMIT 0, 1000	16 row(s) returned	0.000 sec / 0.000 sec

10. User is directed to Thankyou page where the user can revisit after the meeting ends.

