



# Gym Management System

Project Presentation

# Technologies that are used



## Software Requirement

Operating System: - Linux(Ubuntu 18.04)

Web browser:- Mozilla Firefox

Frontend:- HTML, CSS, JavaScript

Backend:- PHP, PostgreSQL

## Hardware Requirements

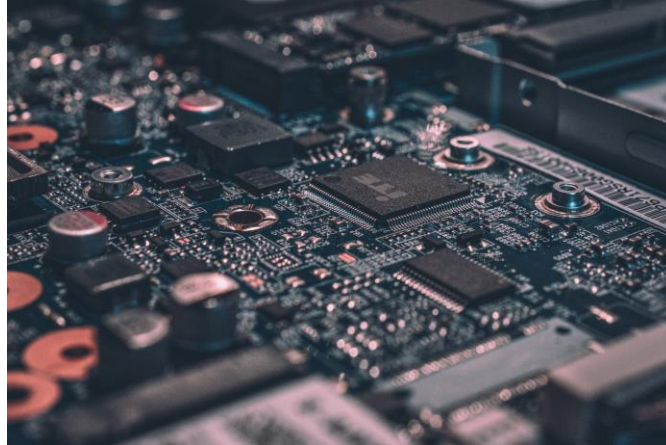
ROM:- 500gb

RAM:- 4gb

Processor:- intel CORE i3

Keyboard, Mouse :- Standard, any  
with required keys

# System introduction/Problem Defination



Going to the gym every day is one way to accomplish some goals. Regular exercises carry many physical mental physical mental health benefits it boosts the brain power and sharpens the memory In this existing system customer knows the exact location of gym and facilities provided by them. Gym has to maintain the record properly, because of the lots of Paper work it is difficult to manage record properly. It is management system consist gym and health club database, in which we can keep record on our member and their membership and have quick communication with member it also includes booking system.

# Scope for future Enhancement



The system provides proper security and reduce the manual work and easy to find gym location and browsing the plans,

1. Security of data
2. Ensure data accuracy
3. Found record immediately
4. Minimize manual data entries
5. Better service
6. User friendly

# Aim & objectives

To produce a Web Based Stand Alone system that allow member to register for there membership.

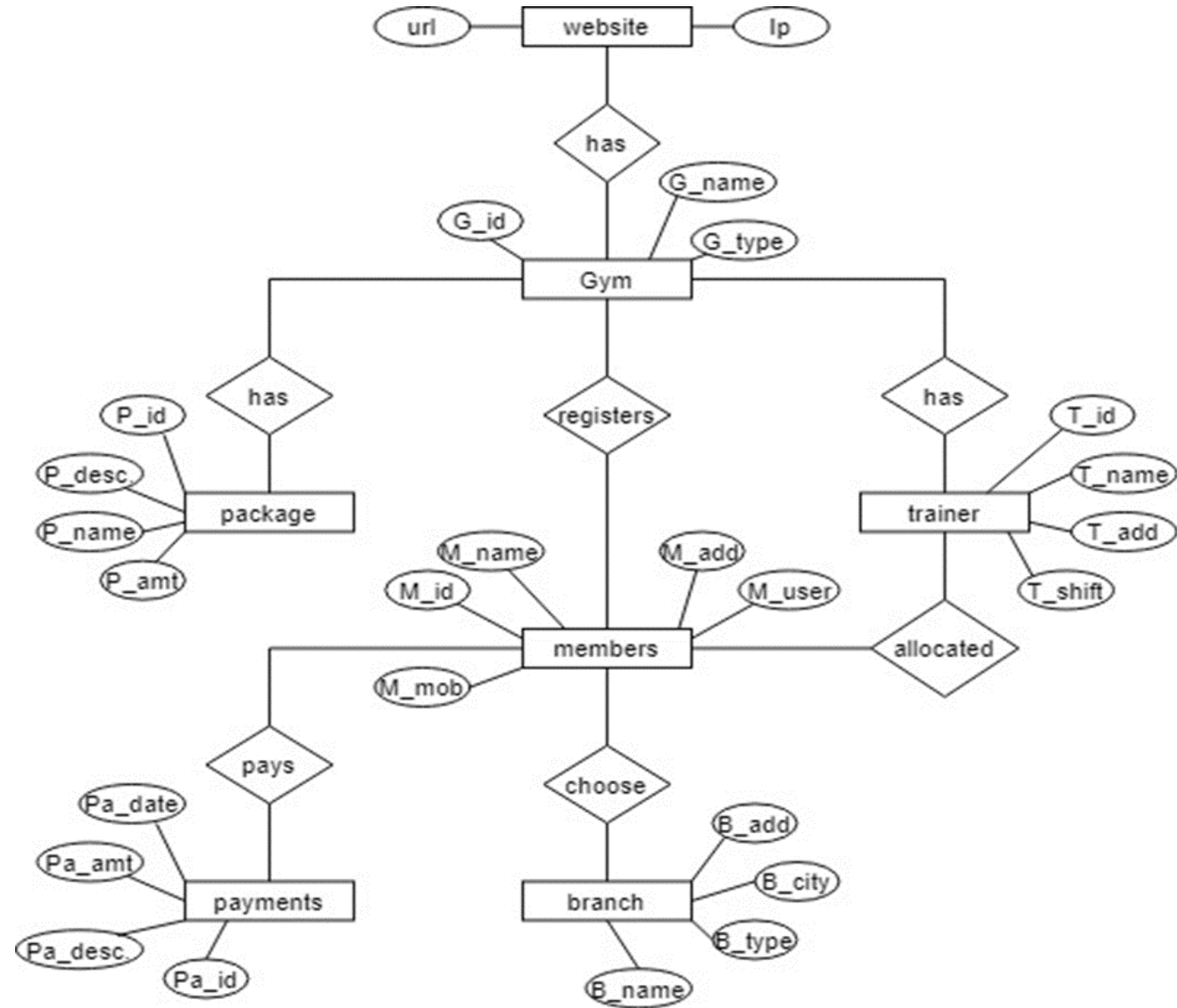
To ease members task whenever they need to get a membership.

To transform the manual process of giving the membership on computerized system

To produce the documentation such as software requirement specification, Design description and Software development references

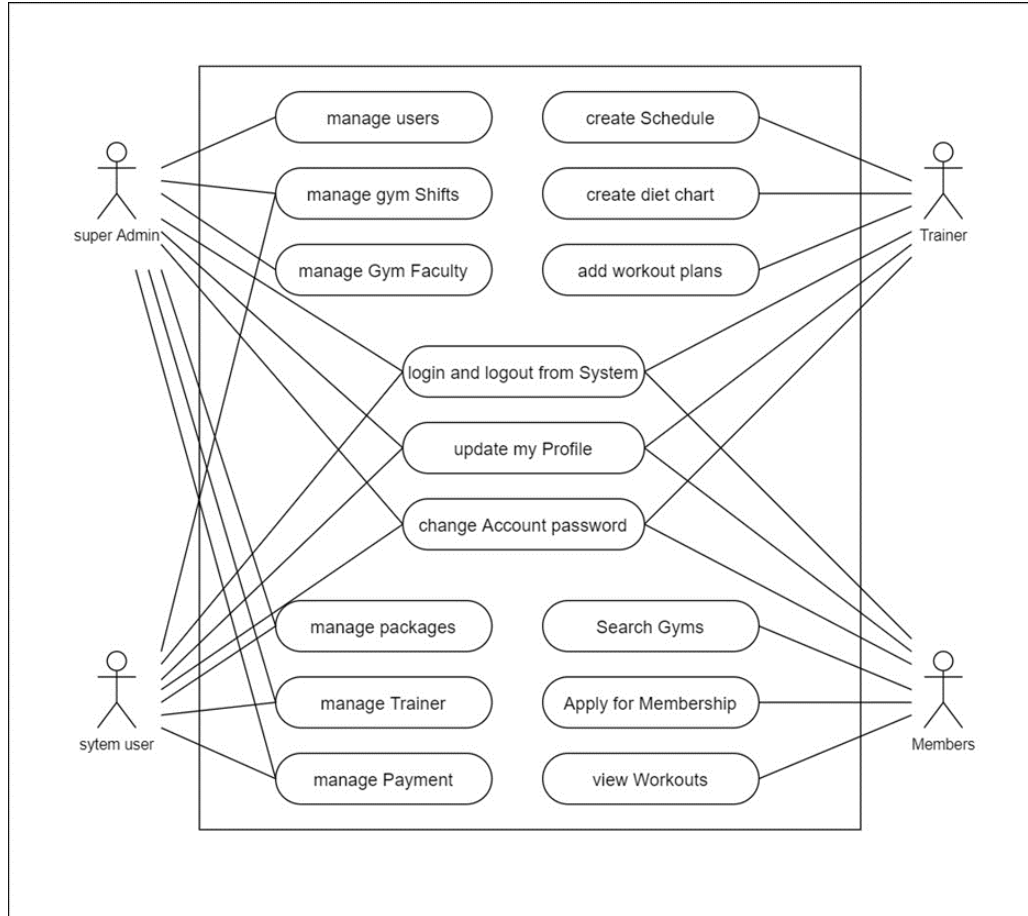


# Entity Relationship Diagram

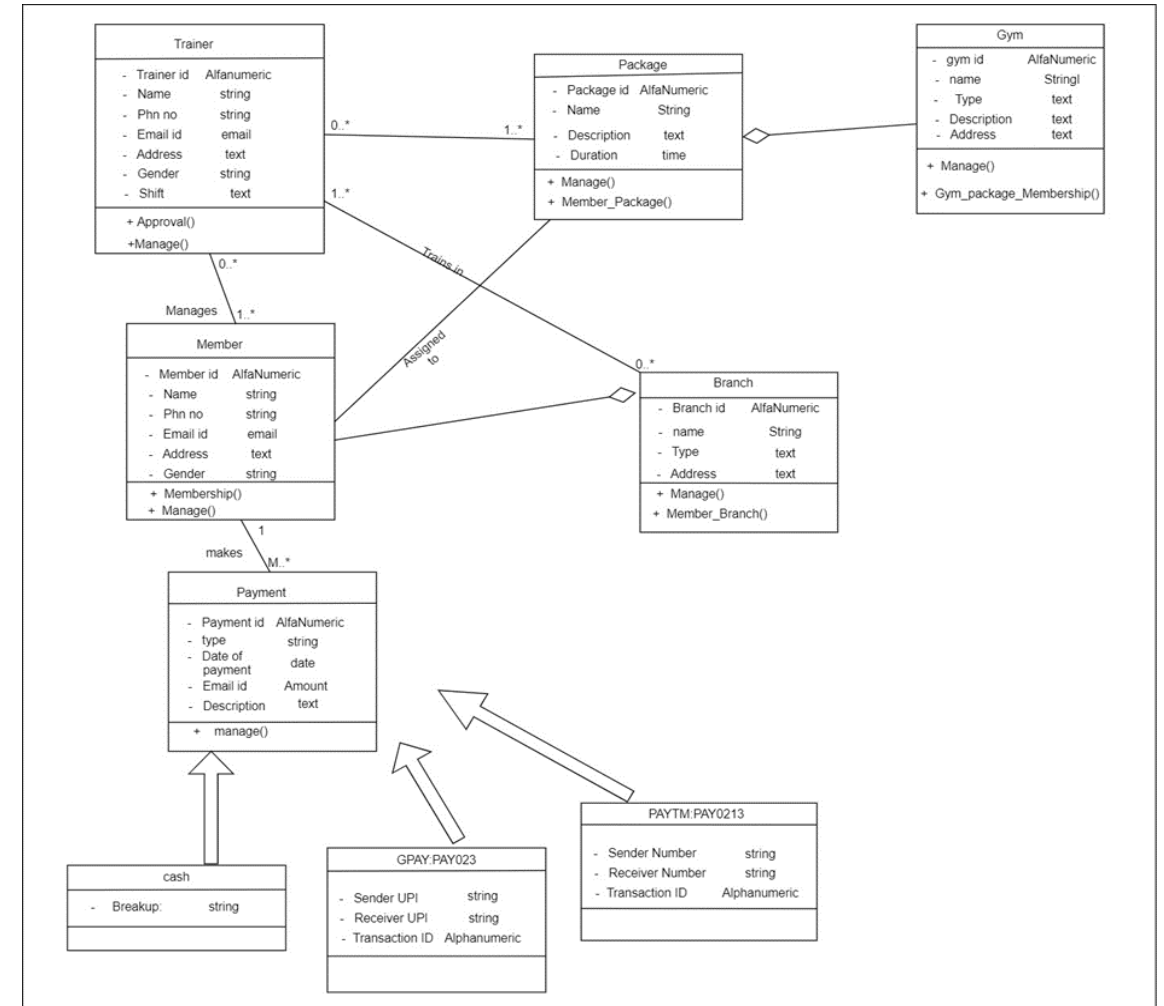


# UML Diagrams

## Use case Diagram

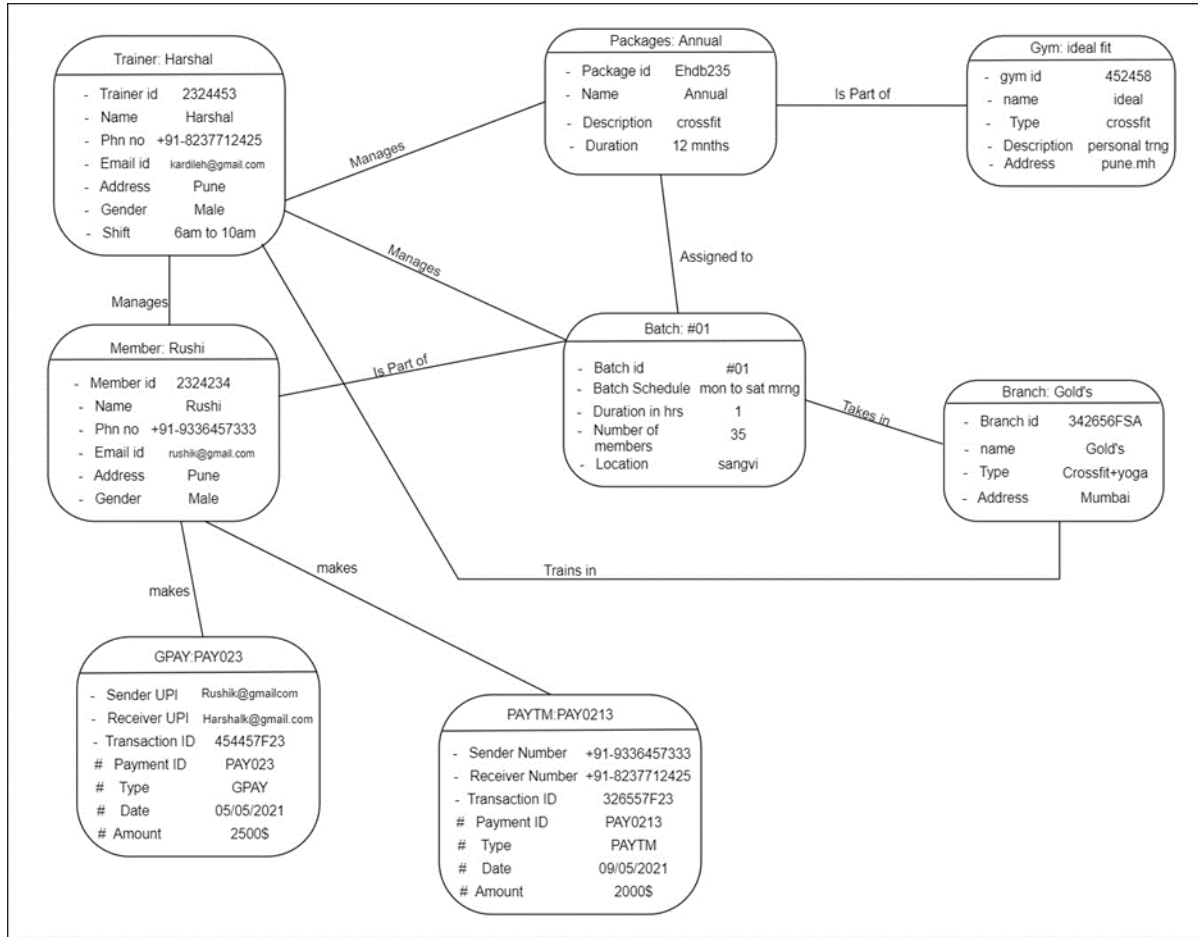


## Class diagram

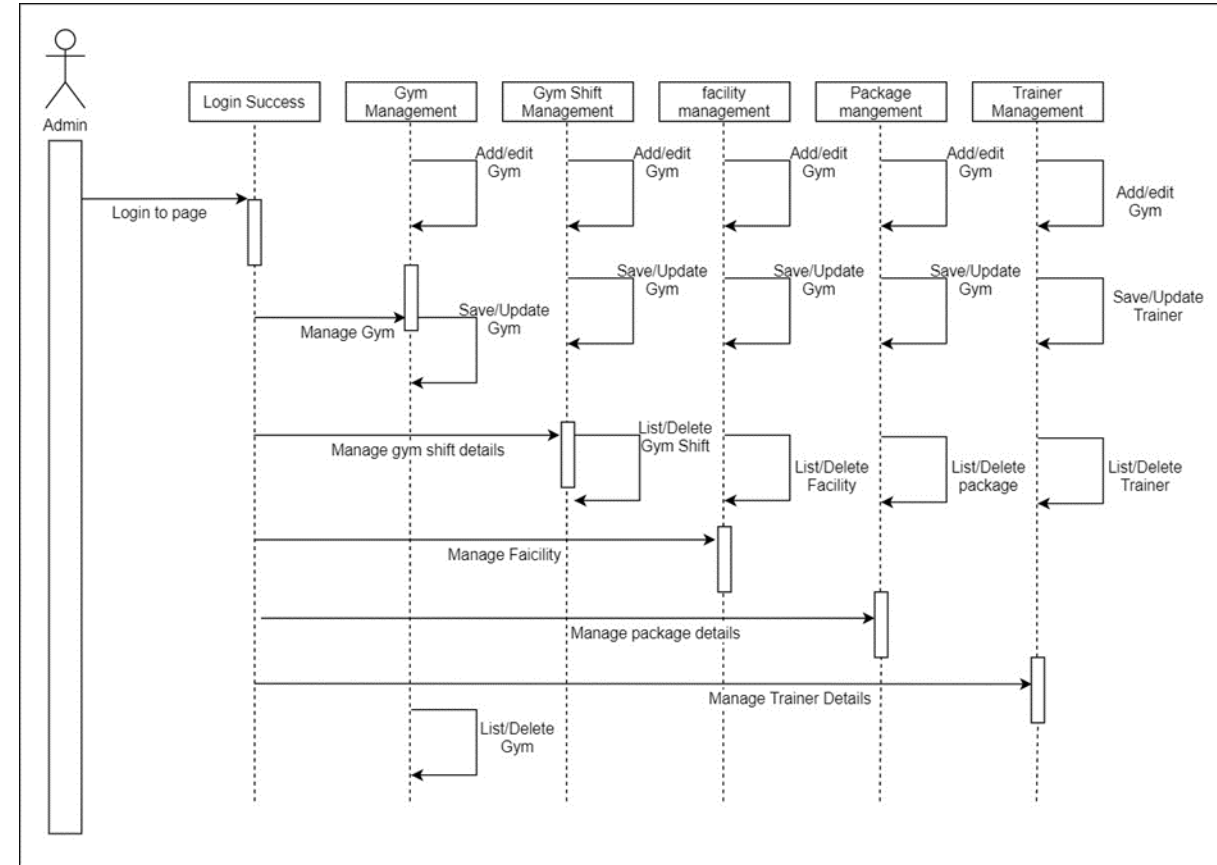


# UML Diagrams

## Object Diagram



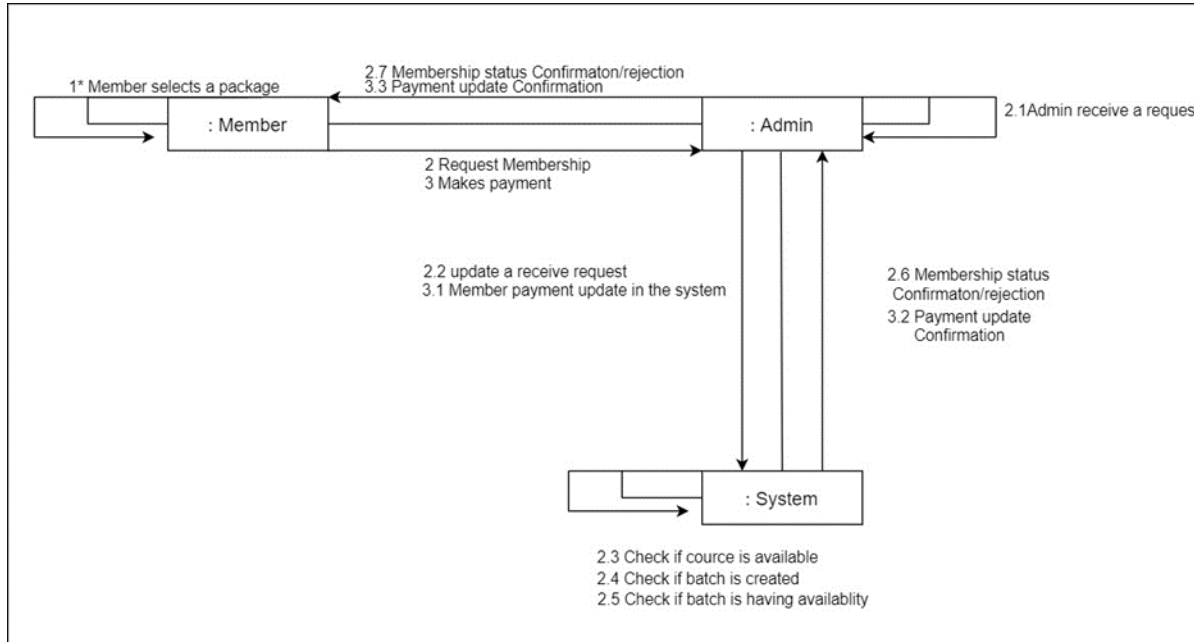
## Sequence Diagram



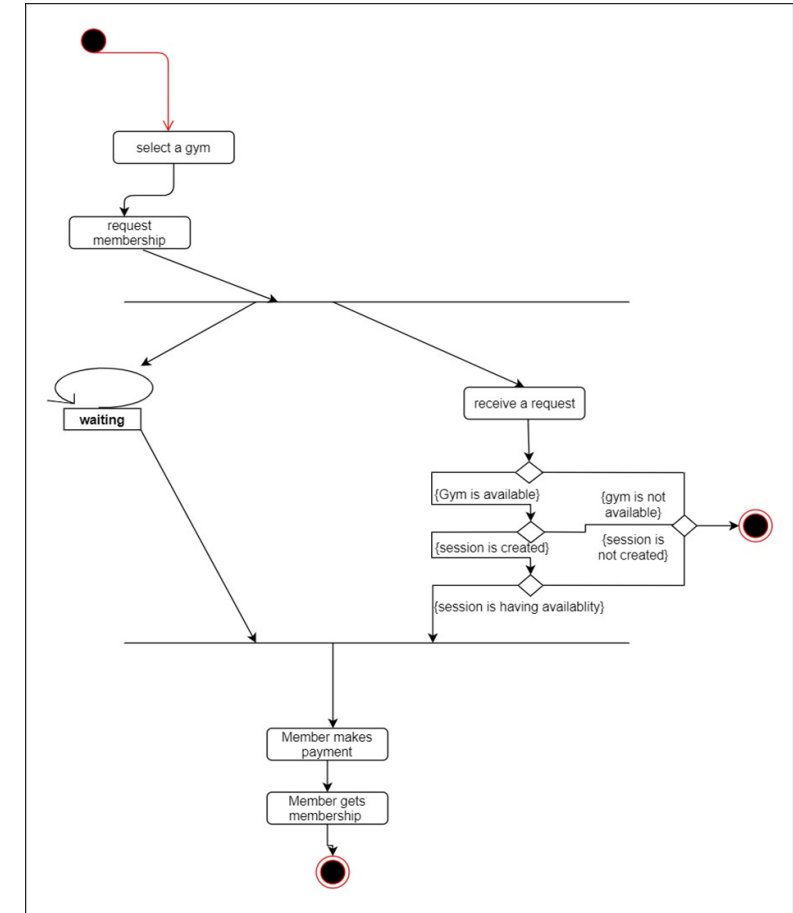


# UML Diagrams

## Collaboration Diagram

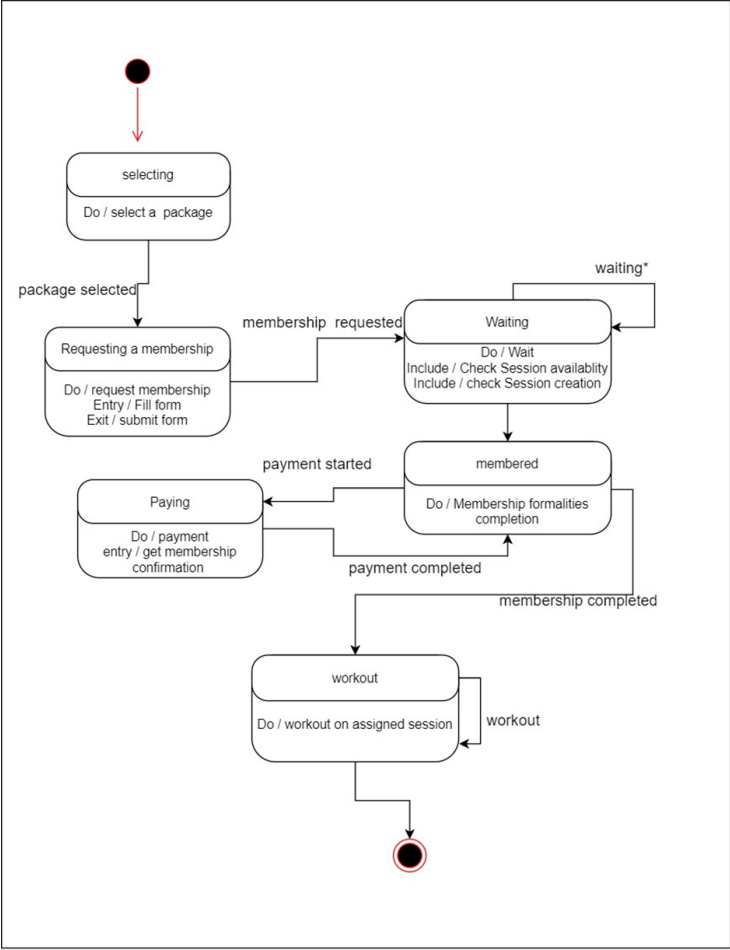


## Activity Diagram

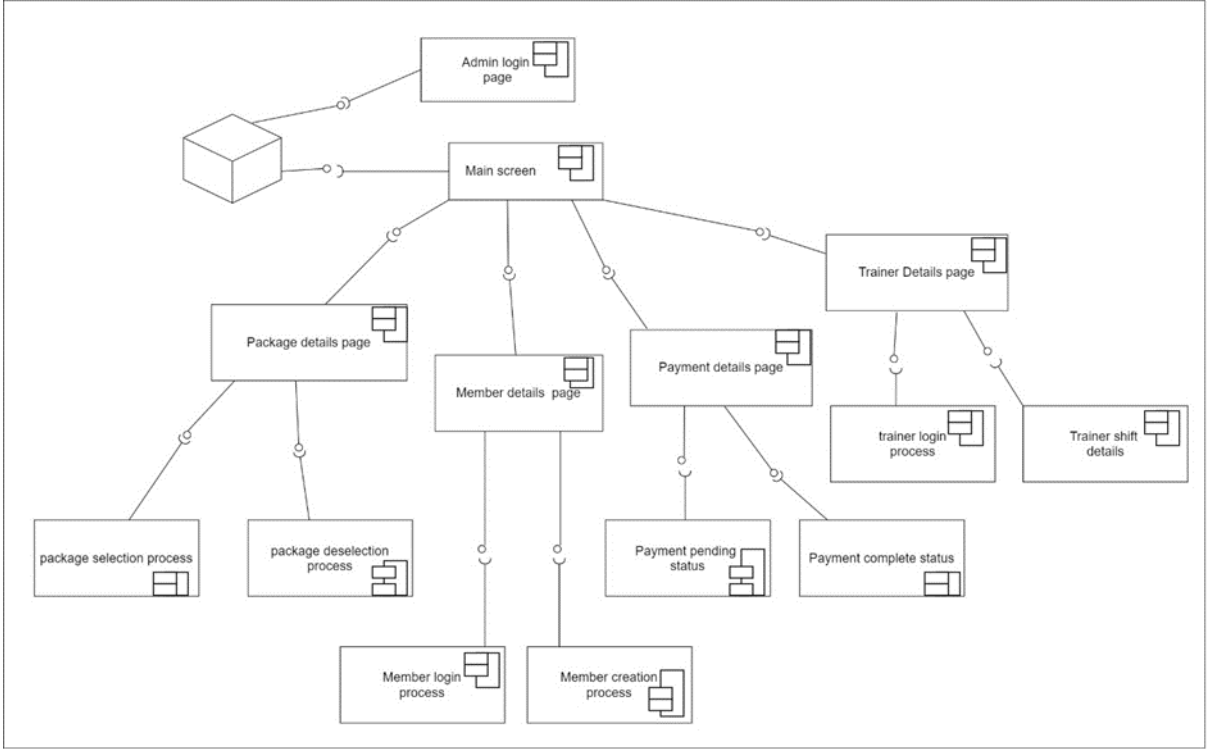


# UML Diagrams

State chart Diagram

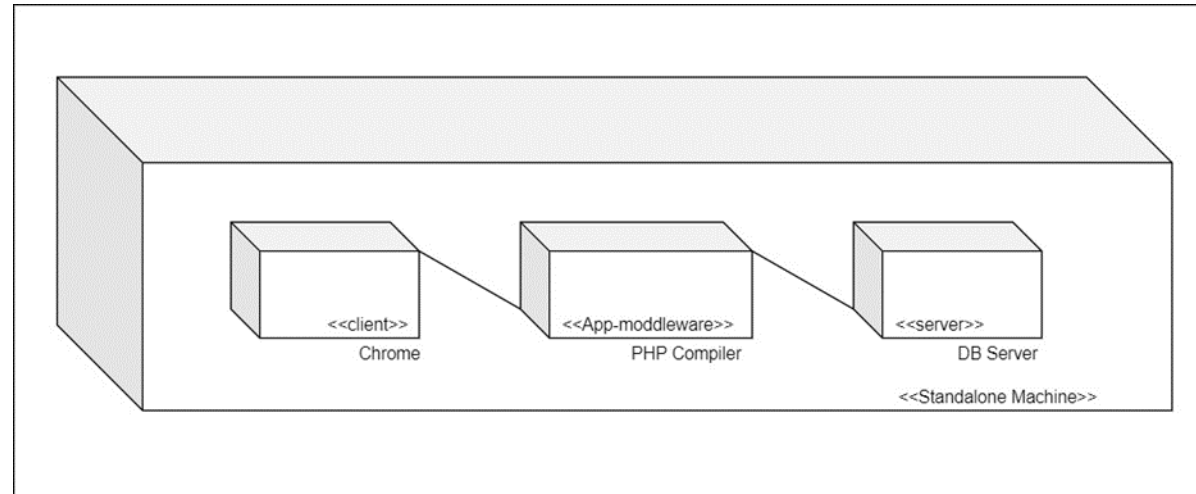


Component Diagram



# UML Diagrams

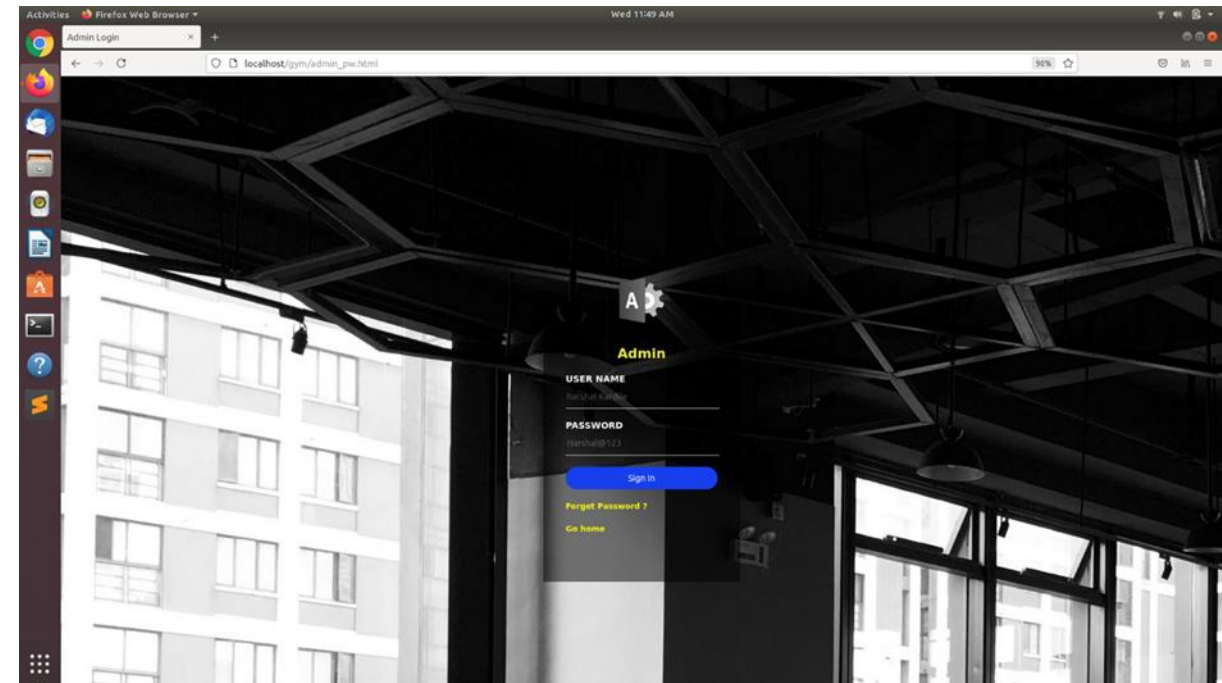
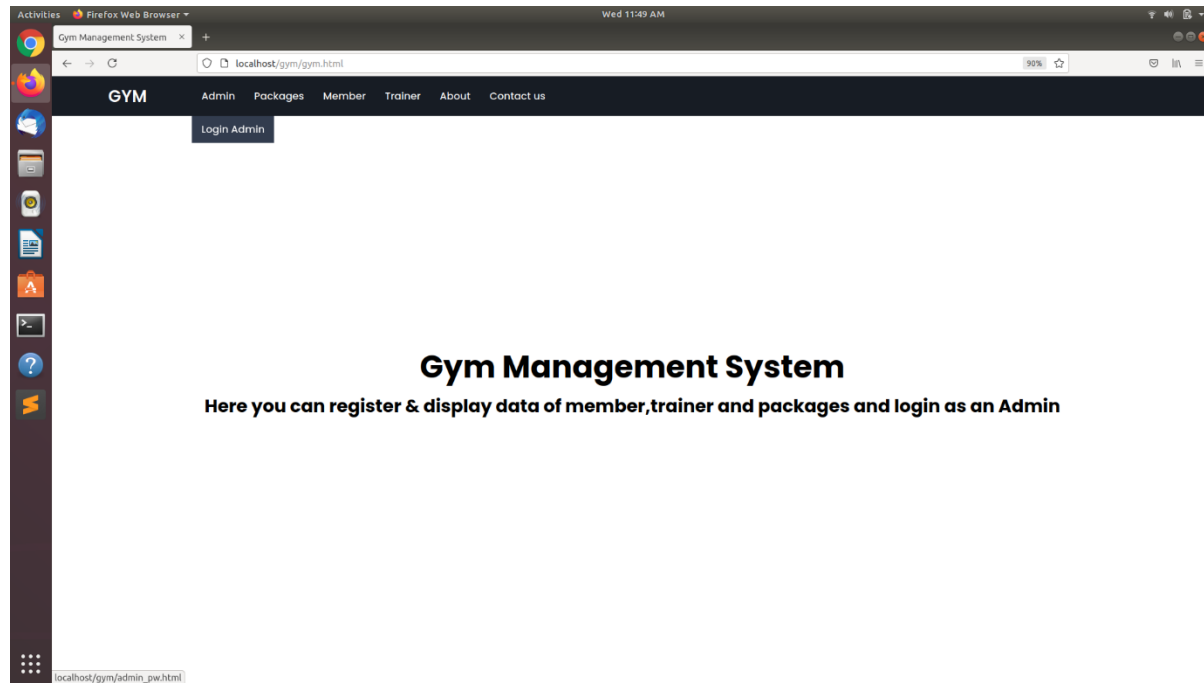
## Deployment Diagram



# Conclusion

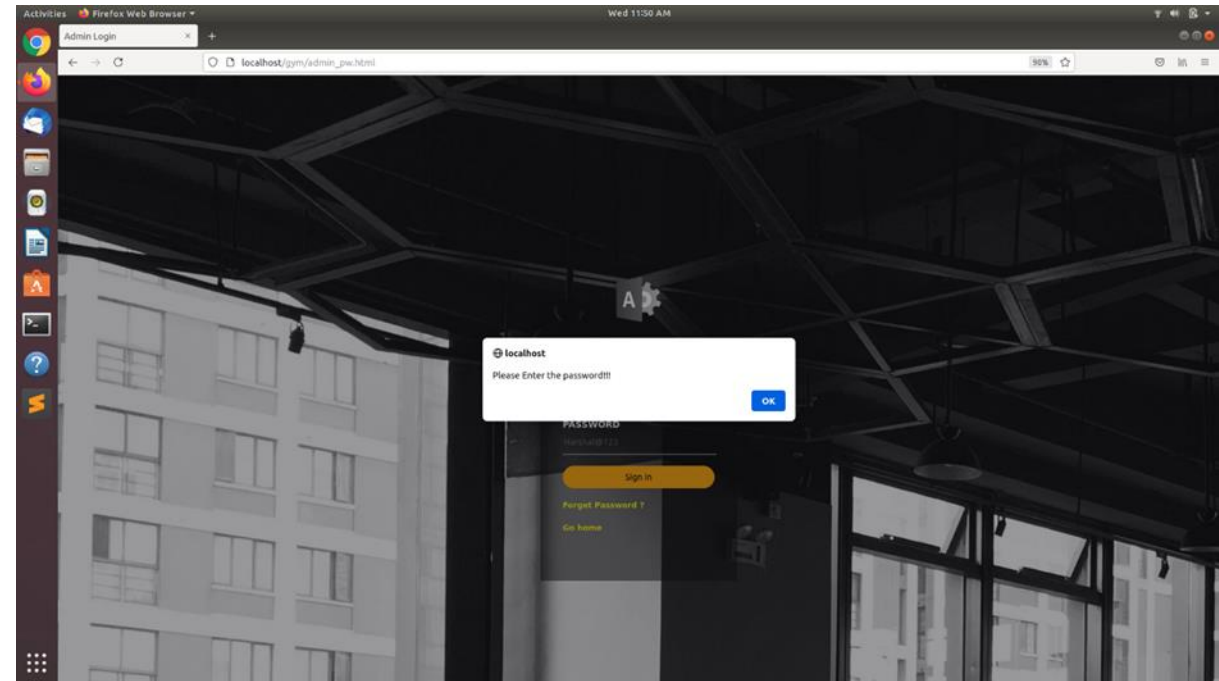
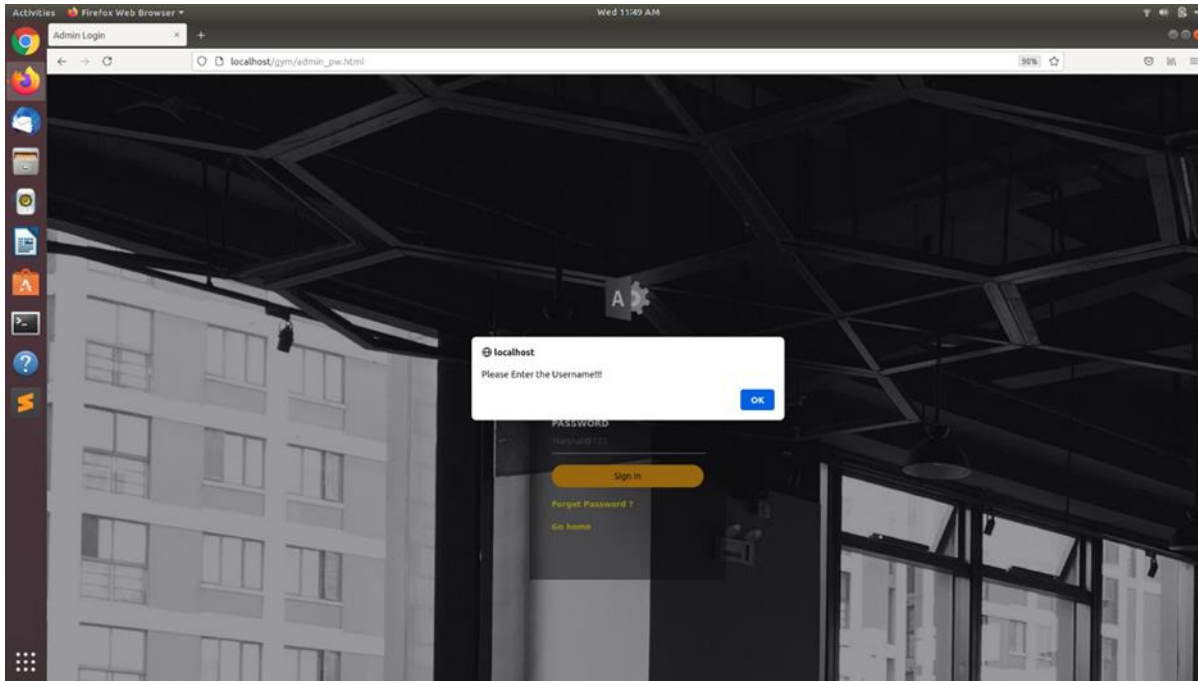
The “GYM MANAGEMENT SYSTEM” is successfully designed and developed to fulfilling the necessary requirements, as identified in the requirements analysis phase, such as the system is very much user friendly, form level validation and field level validation are performing very efficiently. The new computerized system was found to be much faster and reliable and user friendly then the existing system, the system has been designed and developed step by step and tested successfully. It eliminates the human error that are likely to creep in the kind of working in which a bulk quantity of data and calculations as to be processed. The system results in quick retrieval of information that is very vital for the progress any organization. Cost is minimized in case of stationary. Burden of manual work is reduced as whenever transaction takes place, there is a no need to record it in many places manually.

# Output Screens

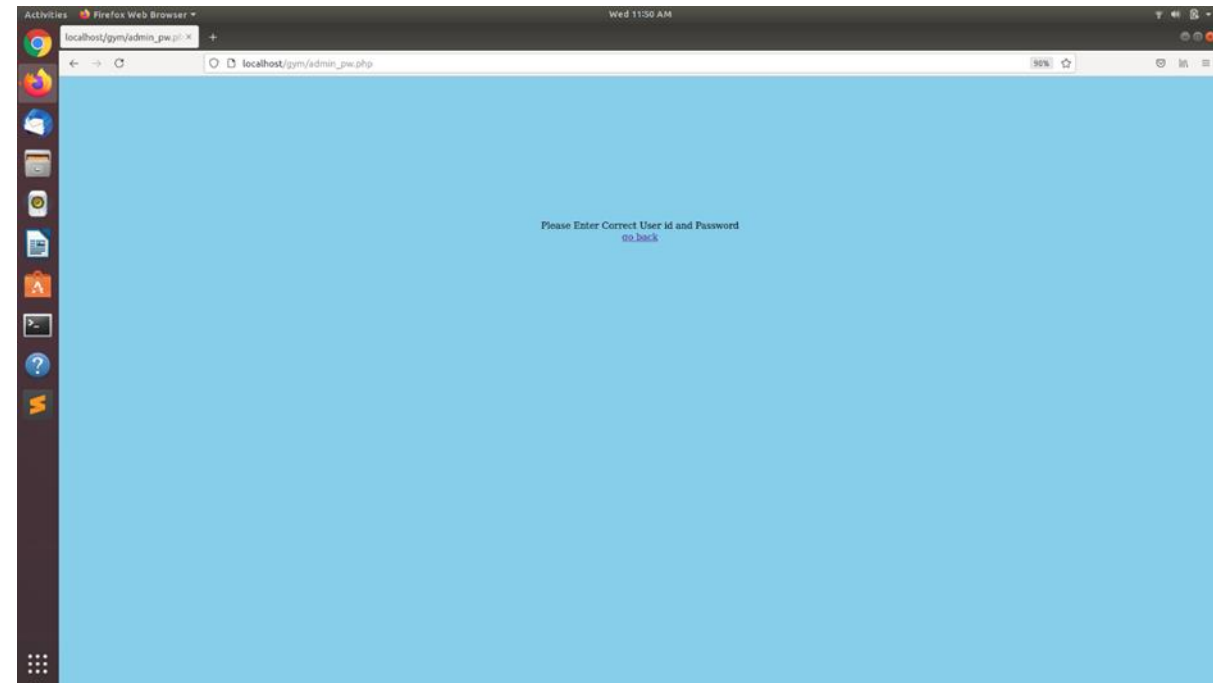
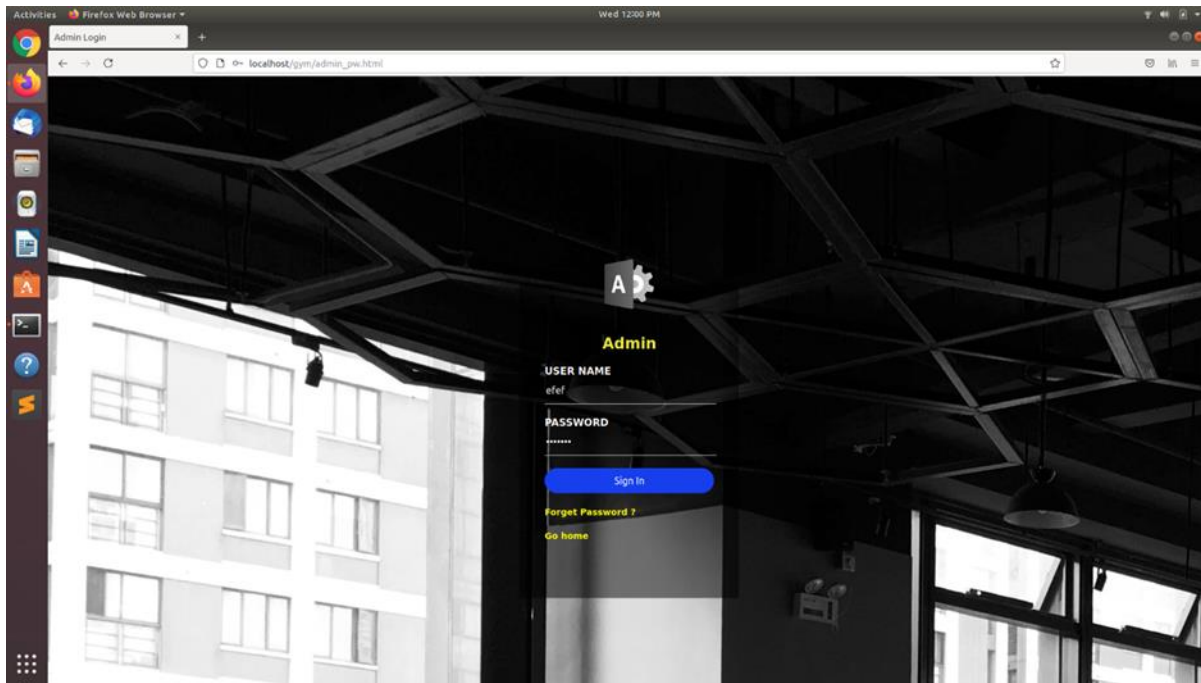




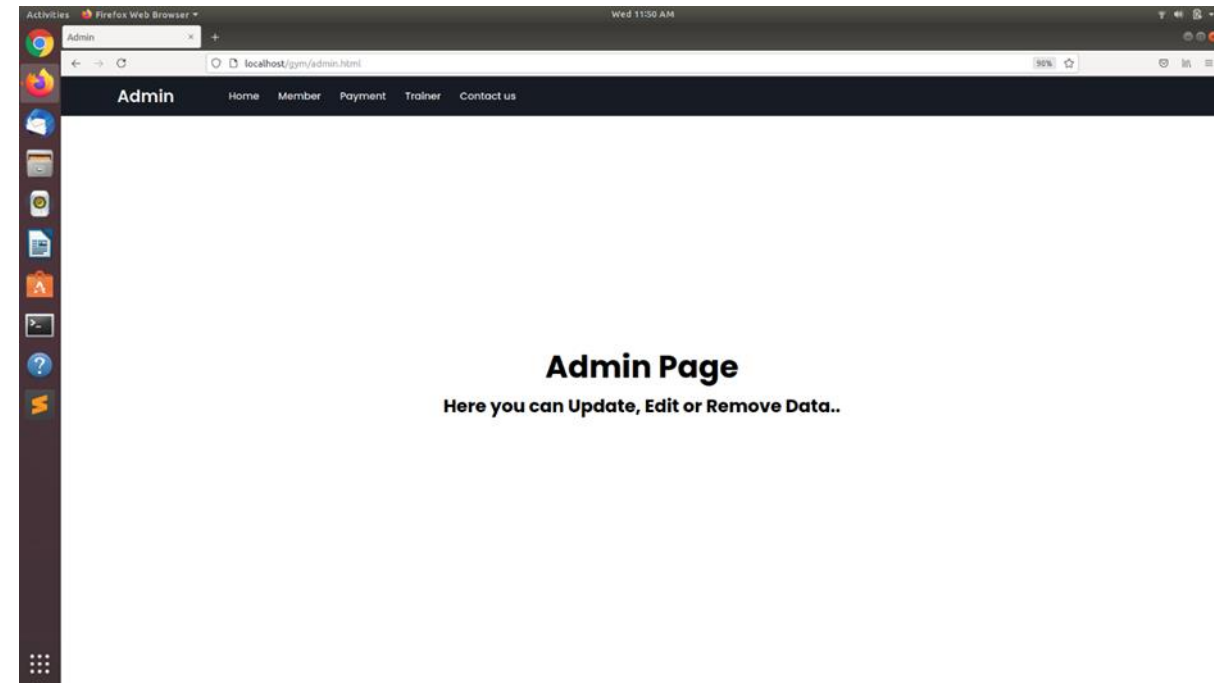
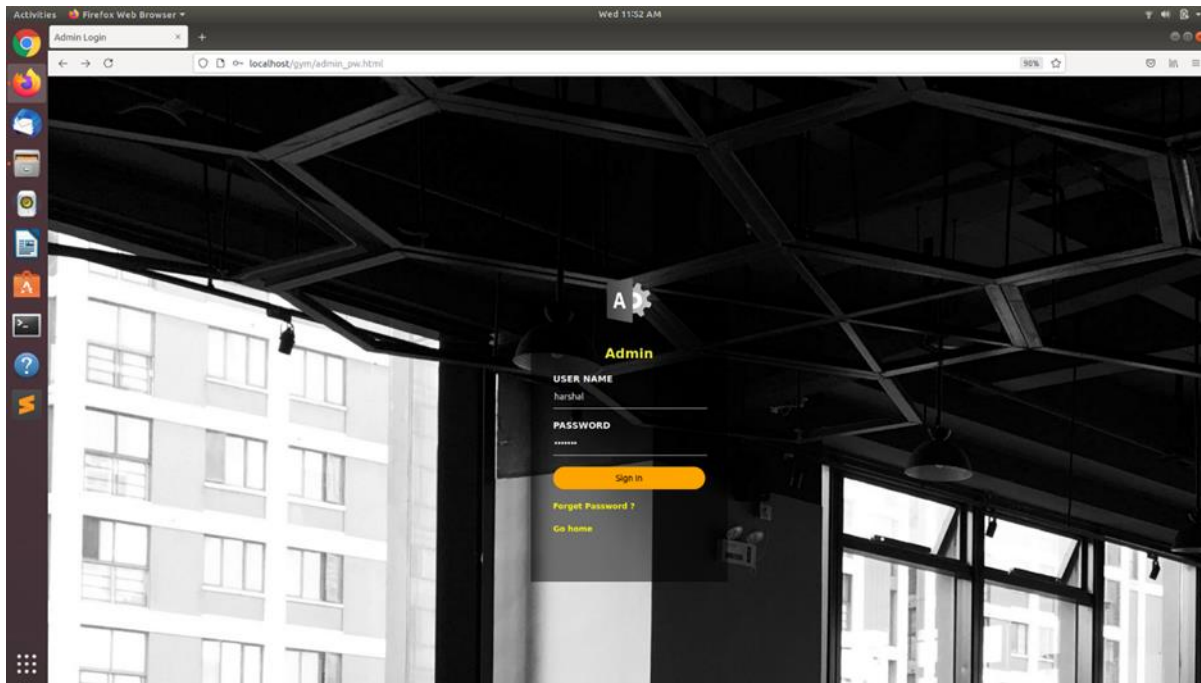
# Output Screens



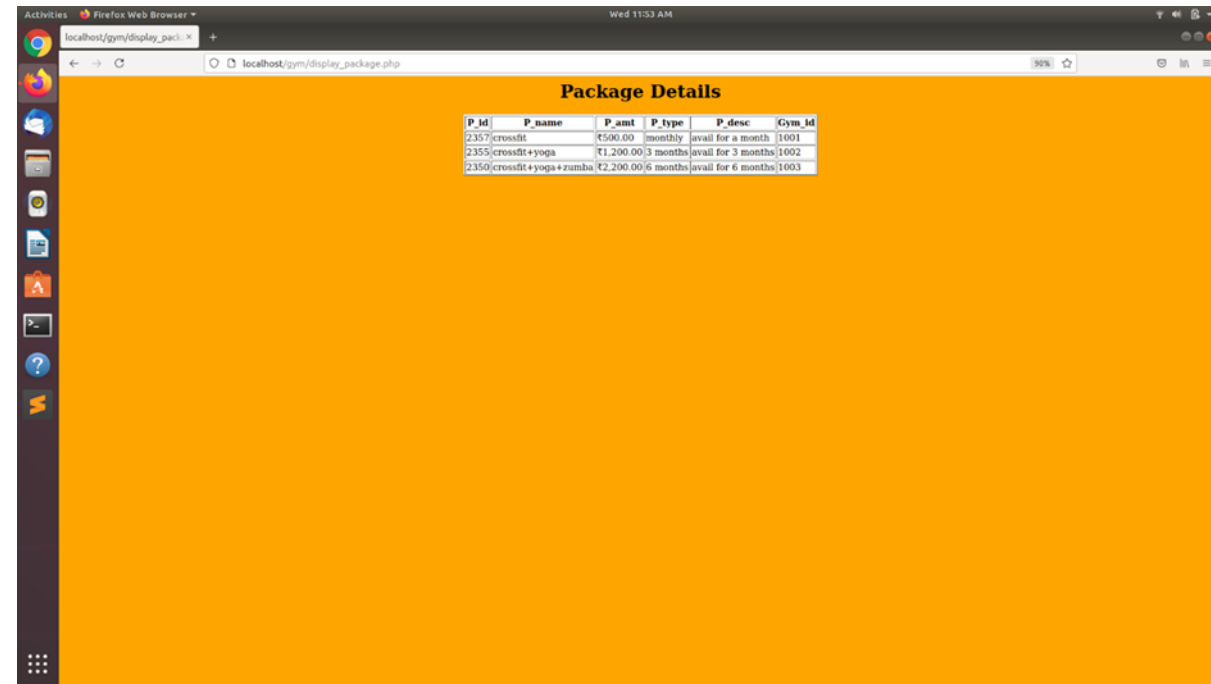
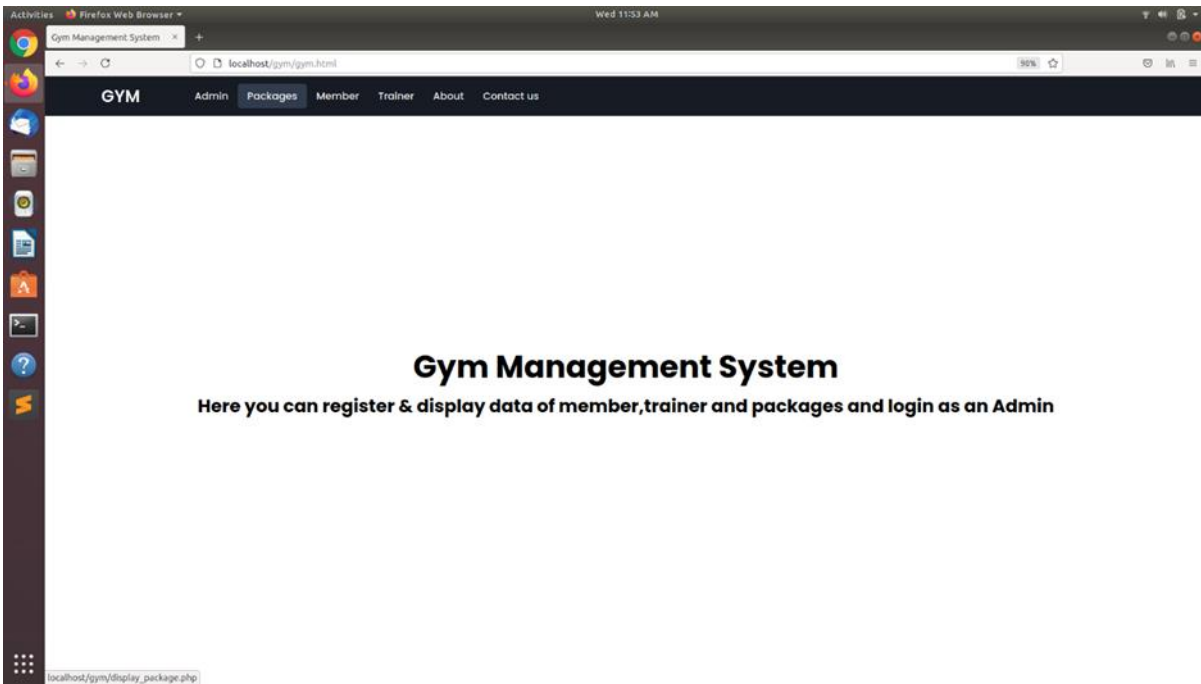
# Output Screens



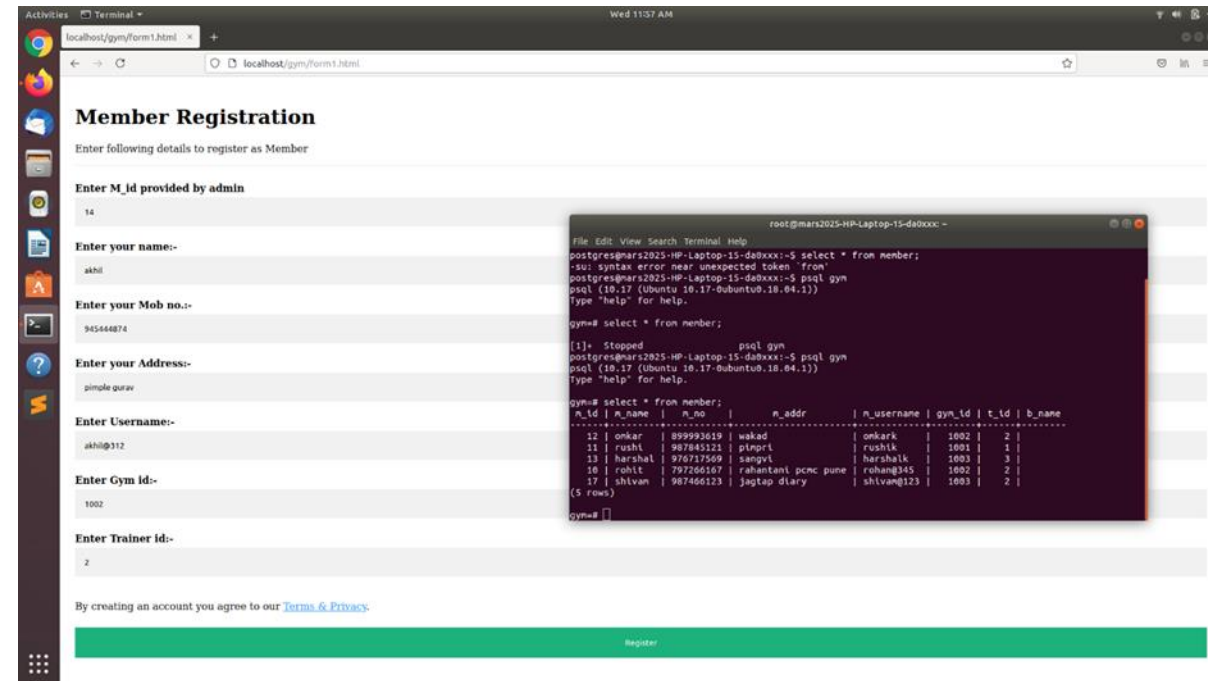
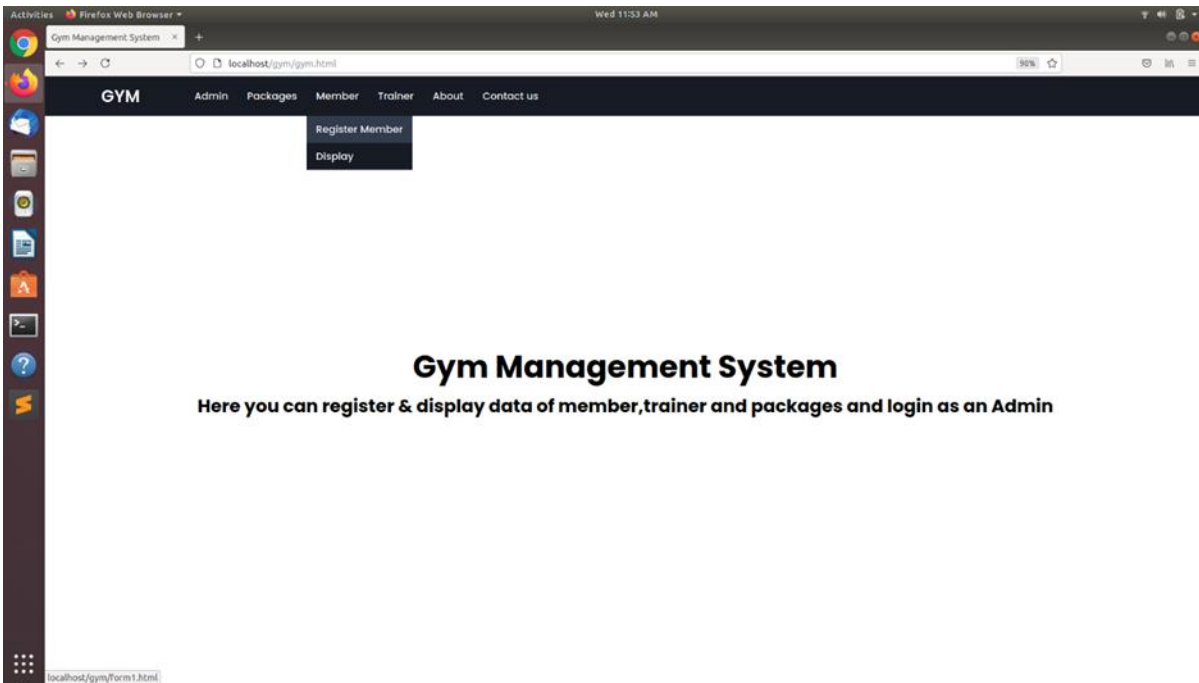
# Output Screens



# Output Screens

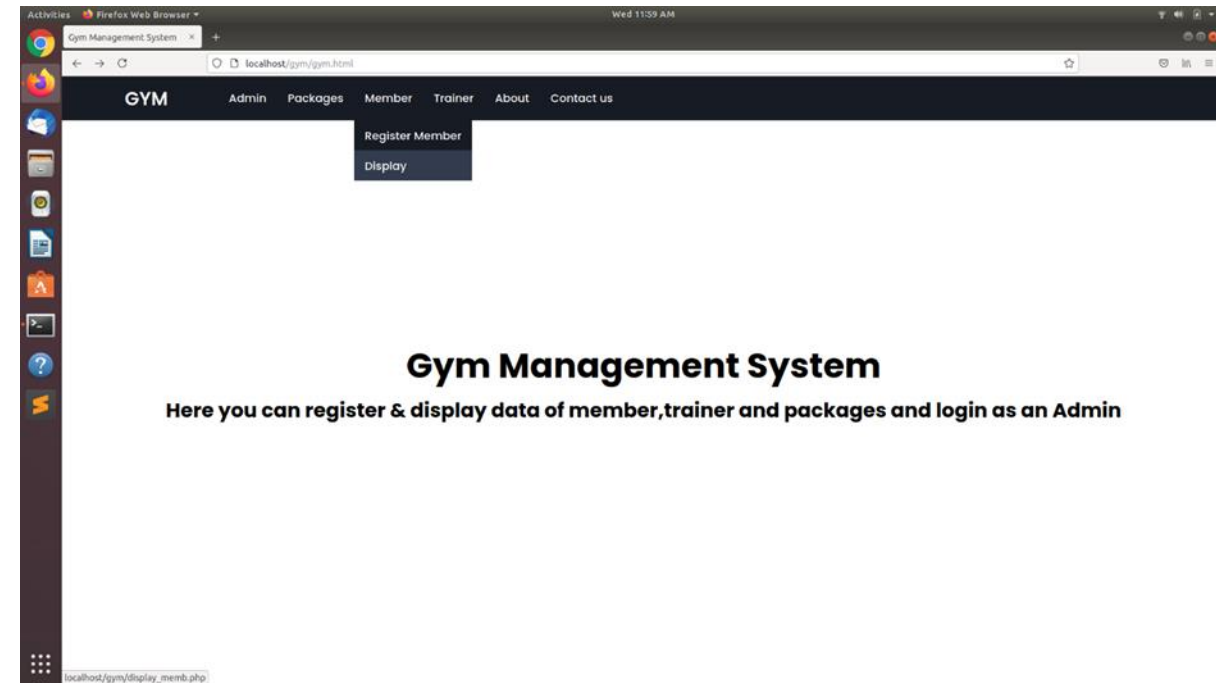
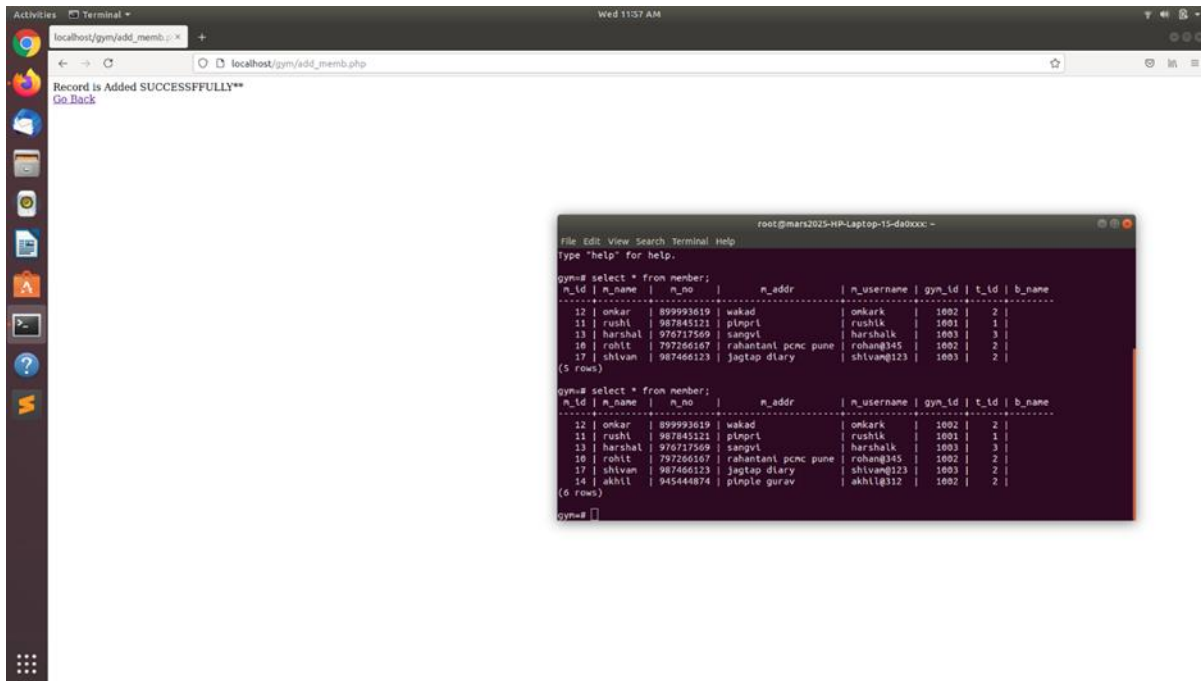


# Output Screens






# Output Screens

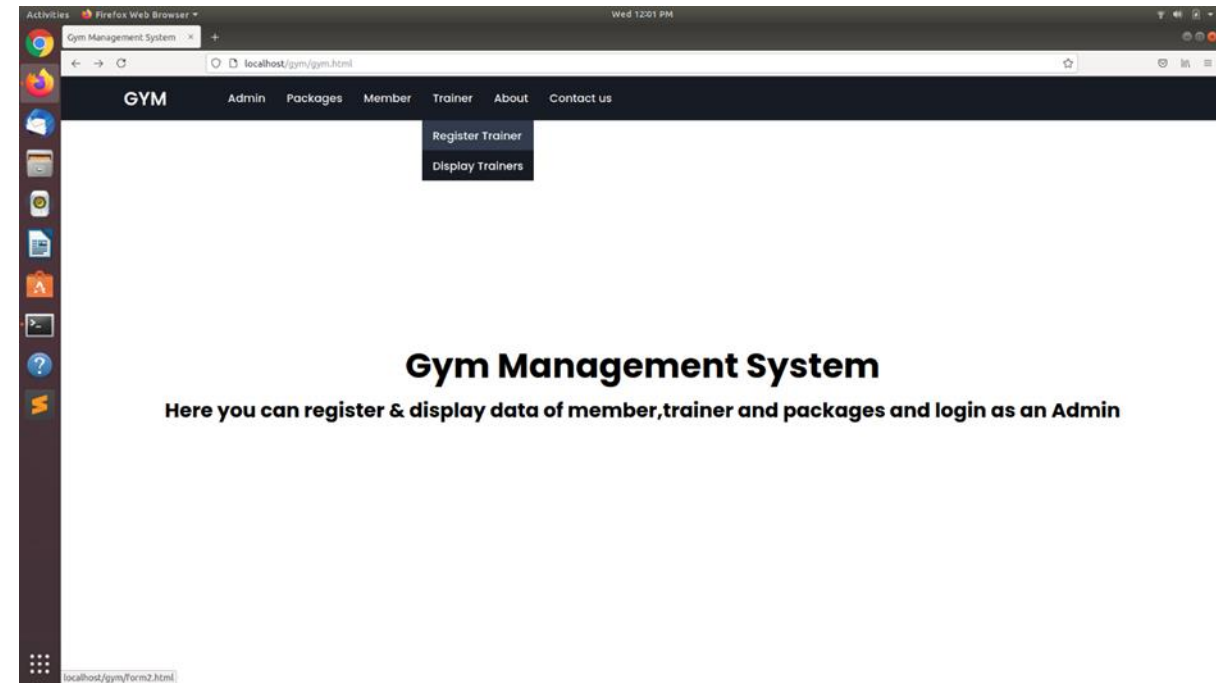


# Output Screens



The screenshot shows a web browser window with the address bar displaying 'localhost/gym/display\_memb.php'. The page has an orange background and is titled 'Members Informaton'. It contains a table with 6 columns: M\_id, M\_name, M\_no, M\_addr, M\_username, and Gym\_id/T\_id. The table lists 8 members with their respective details.

M_id	M_name	M_no	M_addr	M_username	Gym_id/T_id
12	omkar	899993619	wakad	omkark	1002 2
11	rushi	987845121	pimpri	rushik	1001 1
13	harshal	976717569	sangvi	harshalk	1003 3
10	rohit	797266167	rahantani pcmc pune	rohan@345	1002 2
17	shivam	987466123	jagtap diary	shivam@123	1003 2
14	akhil	945444874	pimple gurav	akhil@312	1002 2



# Output Screens

localhost/gym/form2.html

## Trainer Registration

Enter following details to register as Trainer

Enter T\_id provided by admin

6

Enter your name:-

rohan

Enter your Address:-

pinple nliakh

Enter your required Shift:-

eve

Enter EmailID:-

rohan@1995

Enter Gym Id:-

1001

By creating an account you agree to our [Terms & Privacy](#).

Register

```
root@mars2025-HP-Laptop-15-da0xxx:~#
File Edit View Search Terminal Help
(gym# select * from member;
(5 rows)
t_id | m_name | m_ph | m_addr | m_username | gym_id | t_id | b_name
-----+-----+-----+-----+-----+-----+-----+-----
12 | onkar | 899993619 | wakad | onkark | 1002 | 2 |
11 | rushi | 987945321 | plipri | rushik | 1001 | 3 |
13 | harshal | 976717569 | sangvi | harshalk | 1003 | 3 |
10 | rohit | 797266167 | rahantani pcnc pune | rohan@345 | 1002 | 2 |
17 | shivam | 987466123 | jastap diary | shivam@123 | 1003 | 2 |
14 | akhil | 945444874 | pinple gurav | akhil@312 | 1002 | 2 |
(6 rows)

(gym# select * from trainer;
t_id | t_name | t_add | t_shift | t_email | gym_id
-----+-----+-----+-----+-----+-----
2 | suresh | plipri | eve | sur@gnail | 1002
3 | mahesh | wakad | nring | mah@gnail | 1003
1 | ramesh | rahantani | nring | ram@gnail | 1001
4 | rahul | pune | nring | rah@gnail | 1003
5 | rushi | wakad ,pune | nring | rushi@gnail | 1001
(5 rows)

(gym#
```

localhost/gym/add\_trainer.php

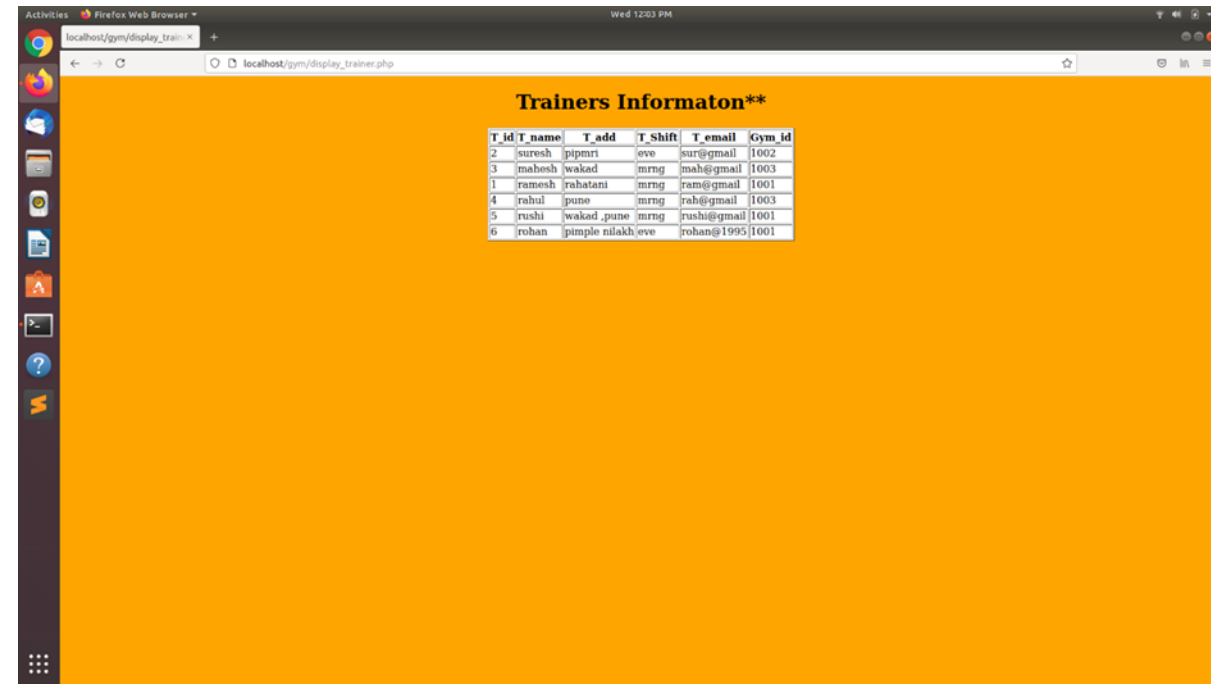
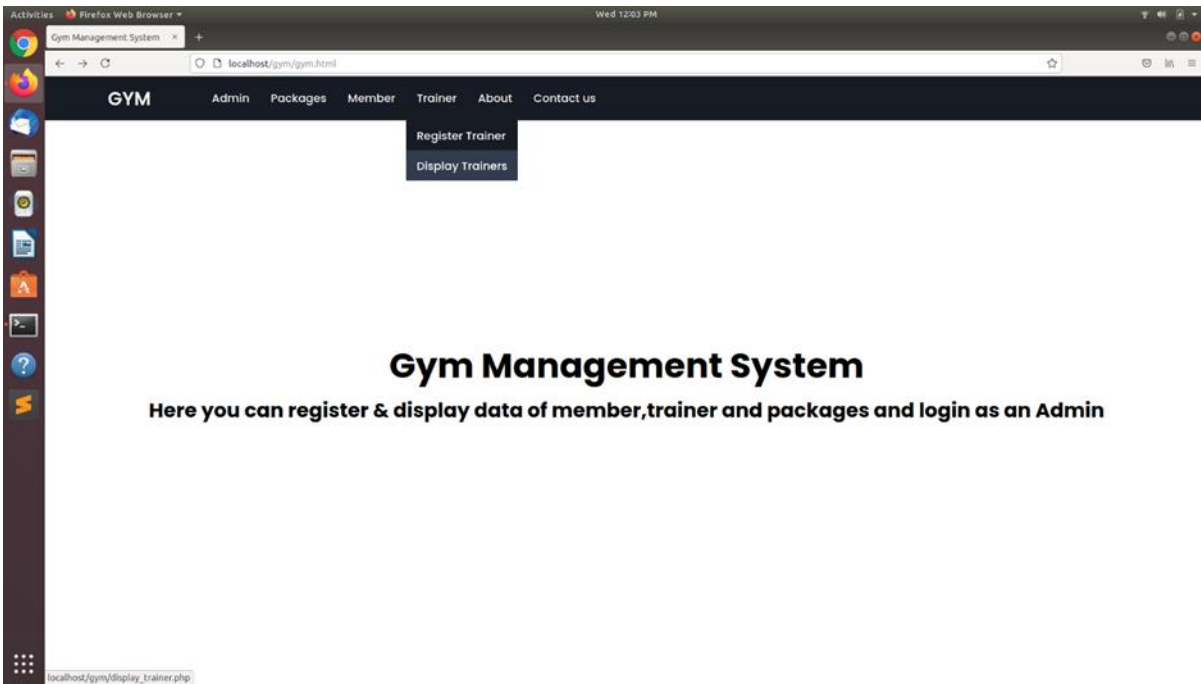
Record is Added SUCCESSFULLY\*\*[Go Back](#)

```
root@mars2025-HP-Laptop-15-da0xxx:~#
File Edit View Search Terminal Help
(gym# select * from trainer;
(6 rows)
t_id | t_name | t_add | t_shift | t_email | gym_id
-----+-----+-----+-----+-----+-----
2 | suresh | plipri | eve | sur@gnail | 1002
3 | mahesh | wakad | nring | mah@gnail | 1003
1 | ramesh | rahantani | nring | ram@gnail | 1001
4 | rahul | pune | nring | rah@gnail | 1003
5 | rushi | wakad ,pune | nring | rushi@gnail | 1001
(5 rows)

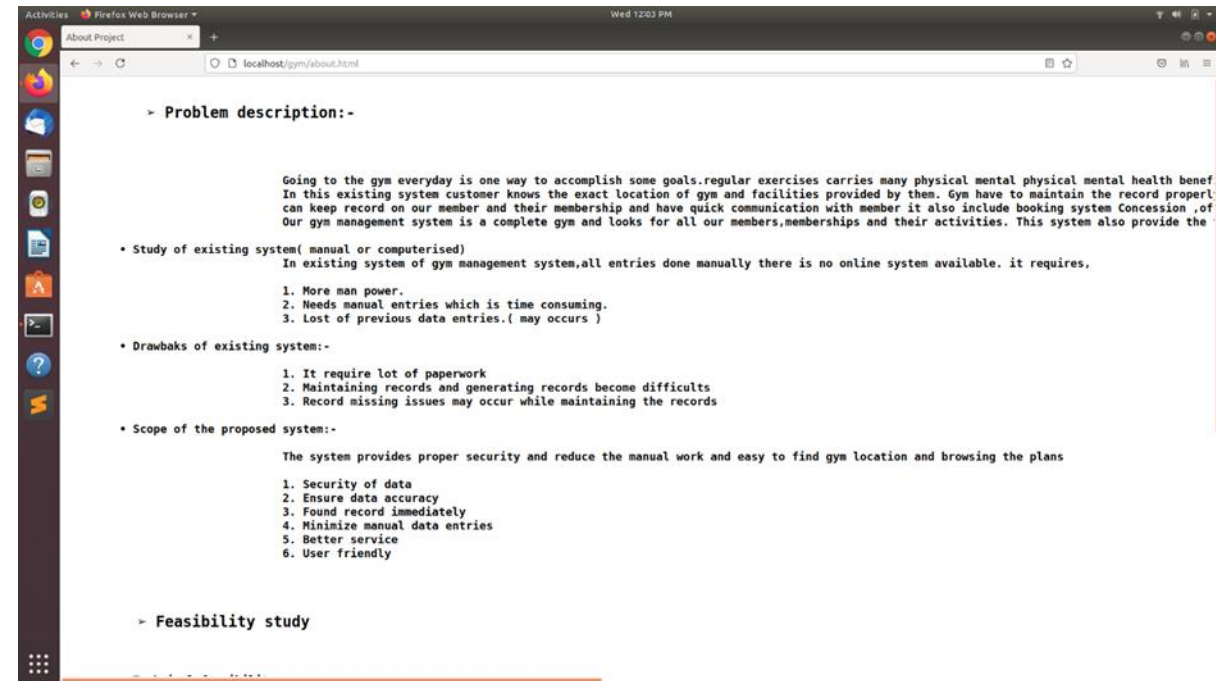
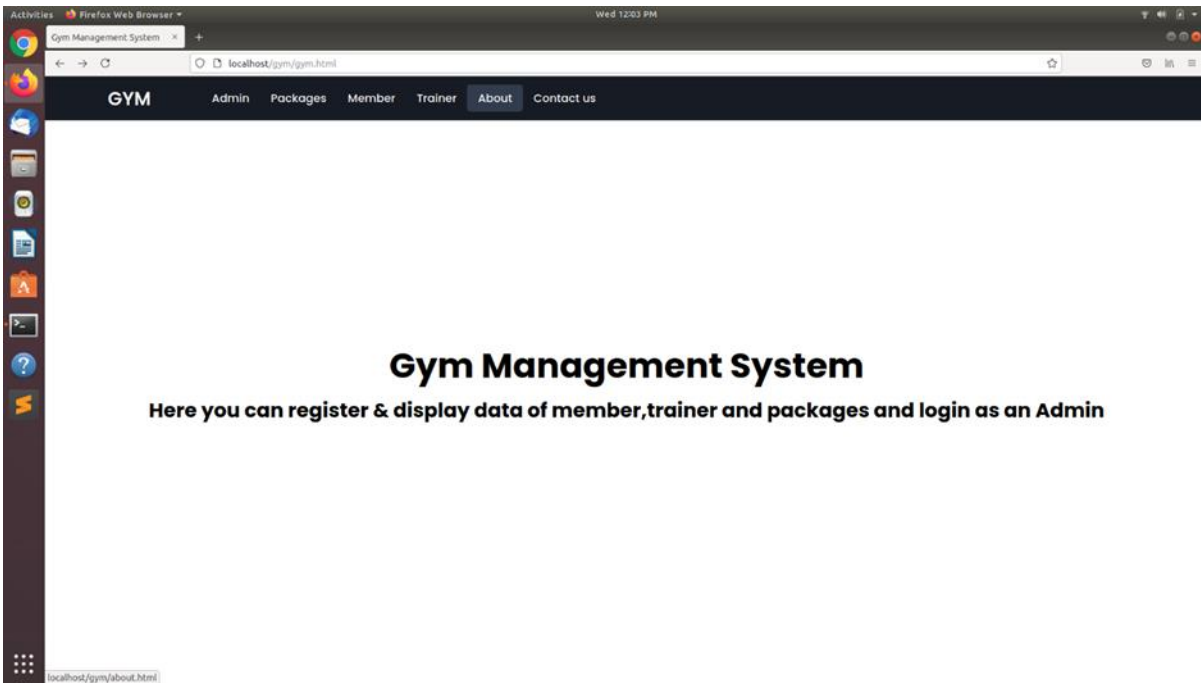
(gym# select * from trainer;
t_id | t_name | t_add | t_shift | t_email | gym_id
-----+-----+-----+-----+-----+-----
2 | suresh | plipri | eve | sur@gnail | 1002
3 | mahesh | wakad | nring | mah@gnail | 1003
1 | ramesh | rahantani | nring | ram@gnail | 1001
4 | rahul | pune | nring | rah@gnail | 1003
5 | rushi | wakad ,pune | nring | rushi@gnail | 1001
6 | rohan | pinple nliakh | eve | rohan@1995 | 1001
(6 rows)

(gym#
```

# Output Screens

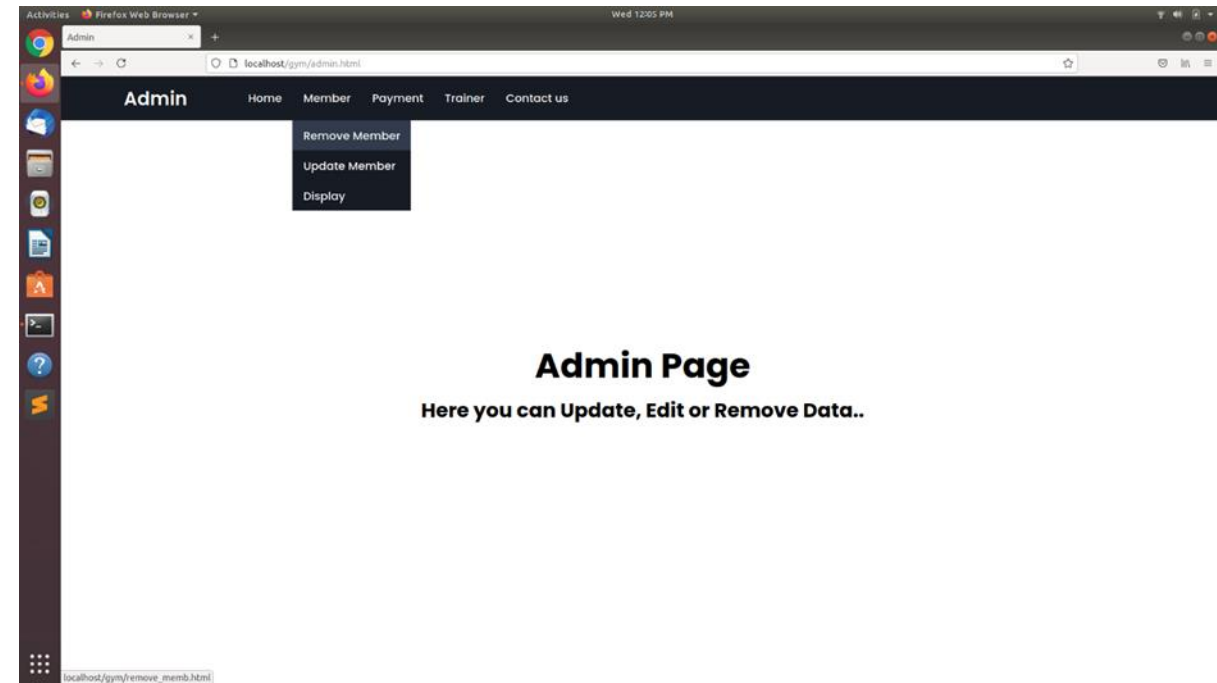
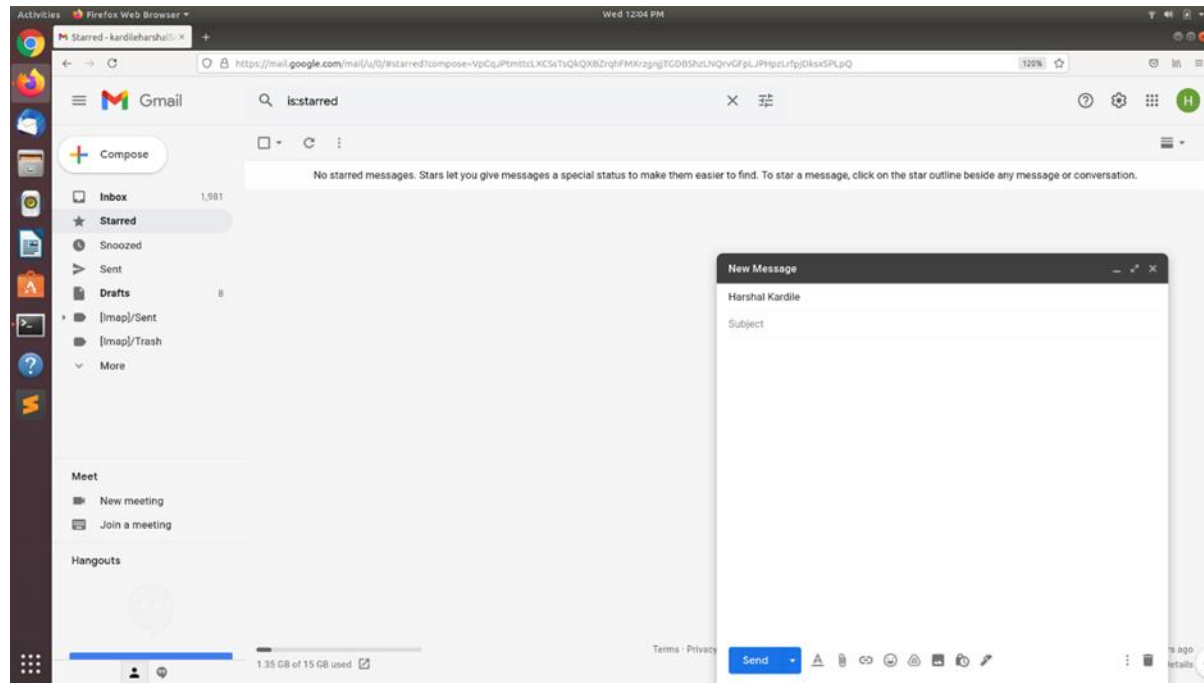


# Output Screens

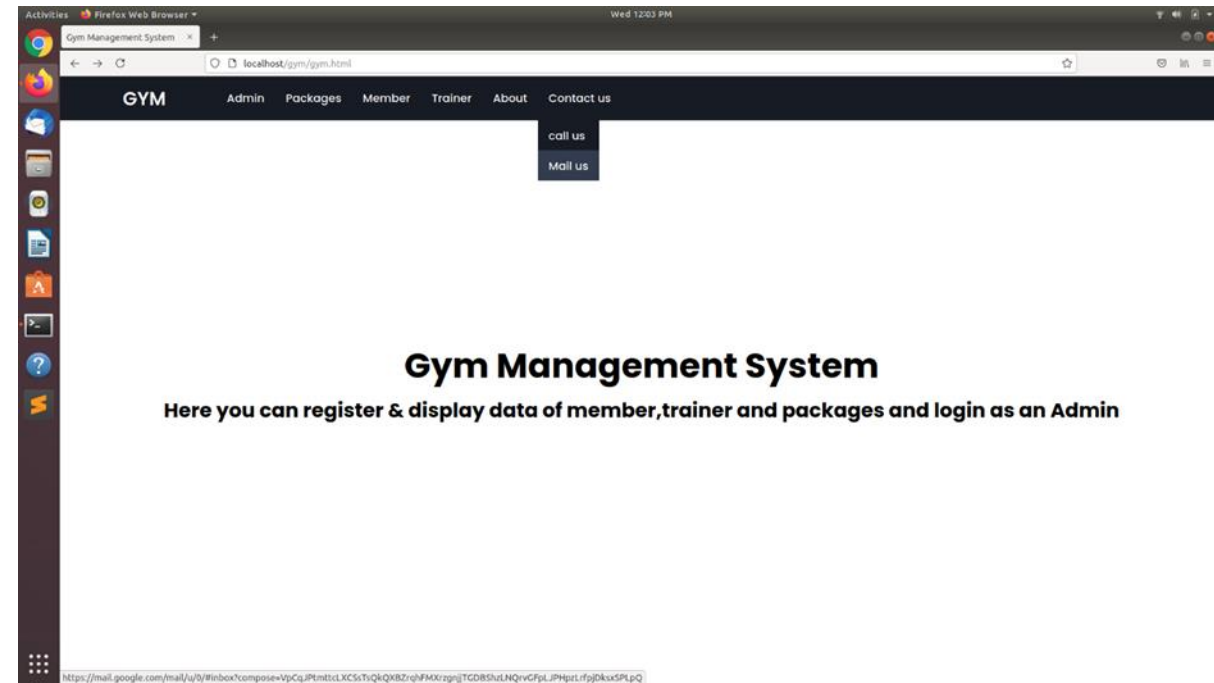
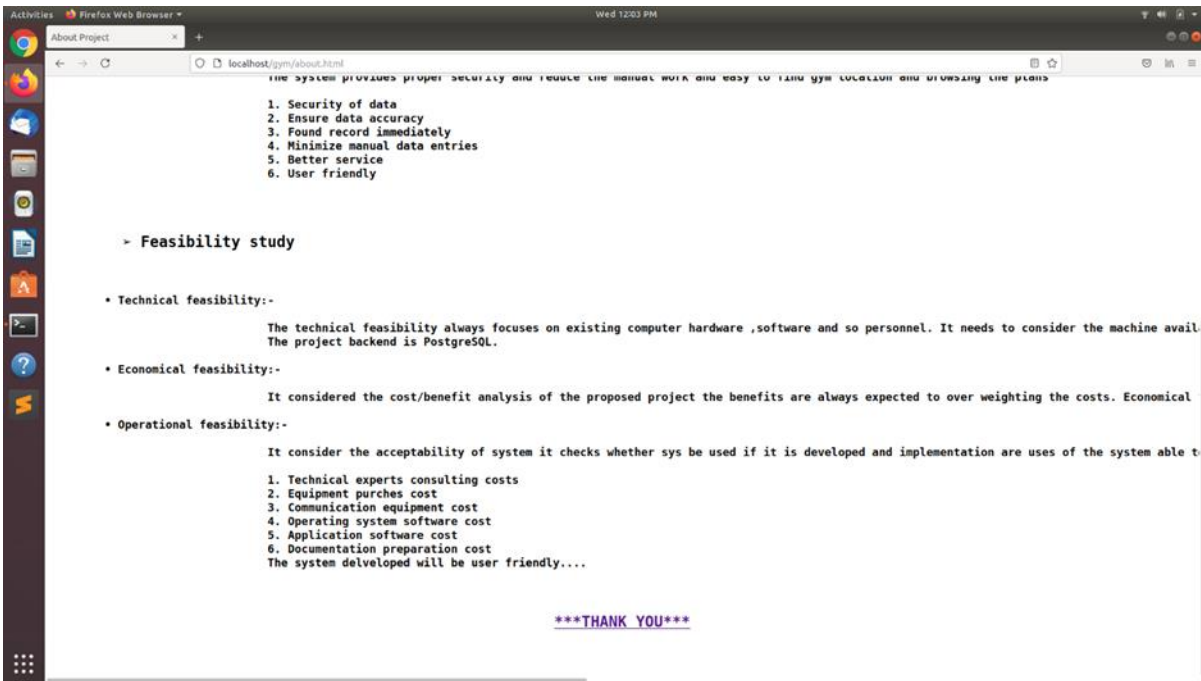




# Output Screens



# Output Screens



# Output Screens

The screenshot shows a web browser at `localhost/gym/remove_memb.html` with the title "Delete Member". The page contains a form with the text "You can remove data of any member using Member ID" and "Enter M\_id to delete:-". The input field contains the value "12". Below the input field is a green "Delete" button.

Below the browser window is a terminal window showing the following SQL queries and results:

```
root@mars2025-HP-Laptop-15-da0xxx:~#  
gym# select * from trainer;  
t_id | t_name | t_addr | t_shift | t_email | gym_id  
-----  
2 | suresh | pipart | eve | sur@gmail | 1002  
3 | rahesh | waked | mng | rah@gmail | 1003  
1 | ramesh | rahantani | mng | rang@gmail | 1001  
4 | rahul | pune | mng | rah@gmail | 1003  
5 | rushi | waked_pune | mng | rushi@gmail | 1001  
6 | rohan | pinple nilakh | eve | rohani1995 | 1001  
(6 rows)  
  
gym# select * from member;  
m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name  
-----  
12 | onkar | 899993819 | waked | onmark | 1002 | 2 |  
11 | rushi | 987845121 | pinprt | rushik | 1001 | 1 |  
13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 |  
10 | rohit | 797266167 | rahantani pcnc pune | rohang345 | 1002 | 2 |  
17 | shivam | 987466123 | jagtap diary | shivam123 | 1003 | 2 |  
14 | akhil | 945444874 | pinple gurav | akhil312 | 1002 | 2 |  
(6 rows)  
  
gym#
```

The screenshot shows the same web browser after clicking the "Delete" button. The page now displays the message "Data of Member ID:12 is deleted Successfully !!! [Go Back](#)".

Below the browser window is a terminal window showing the following SQL queries and results:

```
root@mars2025-HP-Laptop-15-da0xxx:~#  
gym# select * from member;  
(0 rows)  
  
gym# select * from member;  
m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name  
-----  
12 | onkar | 899993819 | waked | onmark | 1002 | 2 |  
11 | rushi | 987845121 | pinprt | rushik | 1001 | 1 |  
13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 |  
10 | rohit | 797266167 | rahantani pcnc pune | rohang345 | 1002 | 2 |  
17 | shivam | 987466123 | jagtap diary | shivam123 | 1003 | 2 |  
14 | akhil | 945444874 | pinple gurav | akhil312 | 1002 | 2 |  
(6 rows)  
  
gym# select * from member;  
m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name  
-----  
11 | rushi | 987845121 | pinprt | rushik | 1001 | 1 |  
13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 |  
10 | rohit | 797266167 | rahantani pcnc pune | rohang345 | 1002 | 2 |  
17 | shivam | 987466123 | jagtap diary | shivam123 | 1003 | 2 |  
14 | akhil | 945444874 | pinple gurav | akhil312 | 1002 | 2 |  
(5 rows)  
  
gym#
```

# Output Screens

Update Member Details

Here You can Update Mobile no. of Member

Enter M\_id provided by admin

11

Enter your New mobile no.-

0000000000

Update

```
root@mars2023-HP-Laptop-15-da0xxx:~#
mysql select * from member;
+----+-----+-----+-----+-----+-----+
| m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name |
+----+-----+-----+-----+-----+-----+
| 11 | rushi | 987845121 | pinpr | rushik | 1001 | 1 | |
| 13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 | |
| 10 | rohit | 797266167 | rahantant pcnc pune | rohang345 | 1002 | 2 | |
| 17 | shivan | 987466123 | jagtap diary | shivan@123 | 1003 | 2 | |
| 14 | akhil | 945444874 | pinple gurav | akhil@312 | 1002 | 2 | |
(5 rows)

mysql select * from member;
+----+-----+-----+-----+-----+-----+
| m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name |
+----+-----+-----+-----+-----+-----+
| 11 | rushi | 987845121 | pinpr | rushik | 1001 | 1 | |
| 13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 | |
| 10 | rohit | 797266167 | rahantant pcnc pune | rohang345 | 1002 | 2 | |
| 17 | shivan | 987466123 | jagtap diary | shivan@123 | 1003 | 2 | |
| 14 | akhil | 945444874 | pinple gurav | akhil@312 | 1002 | 2 | |
(5 rows)
```

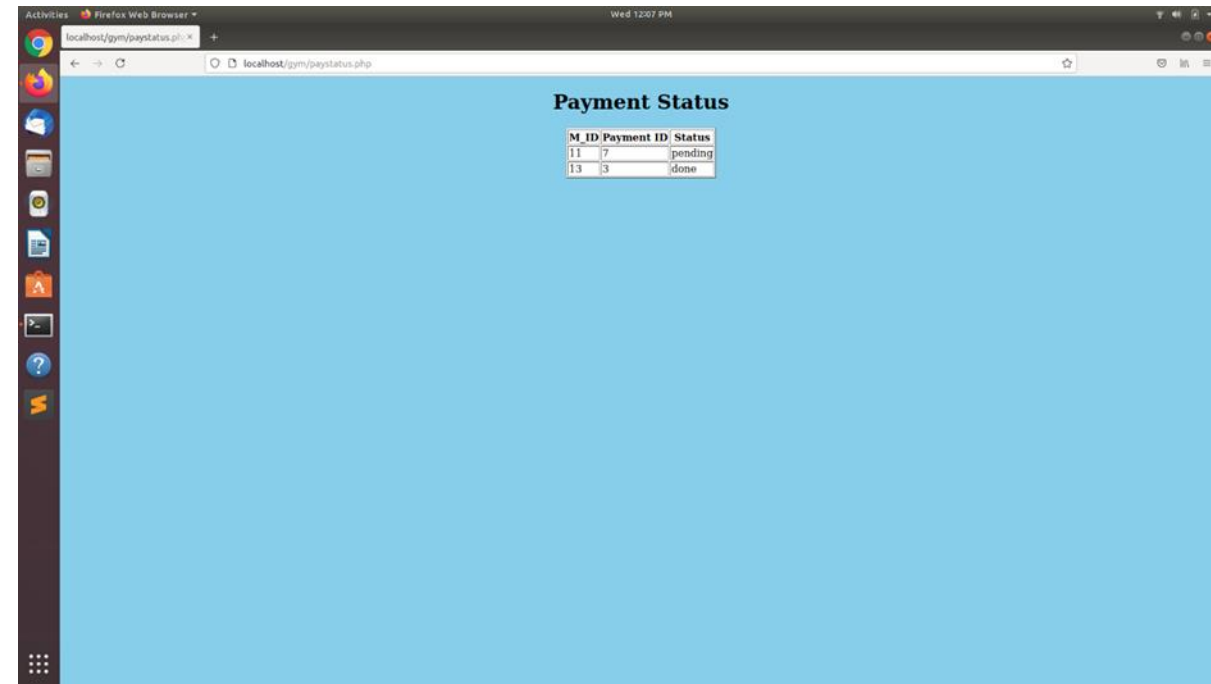
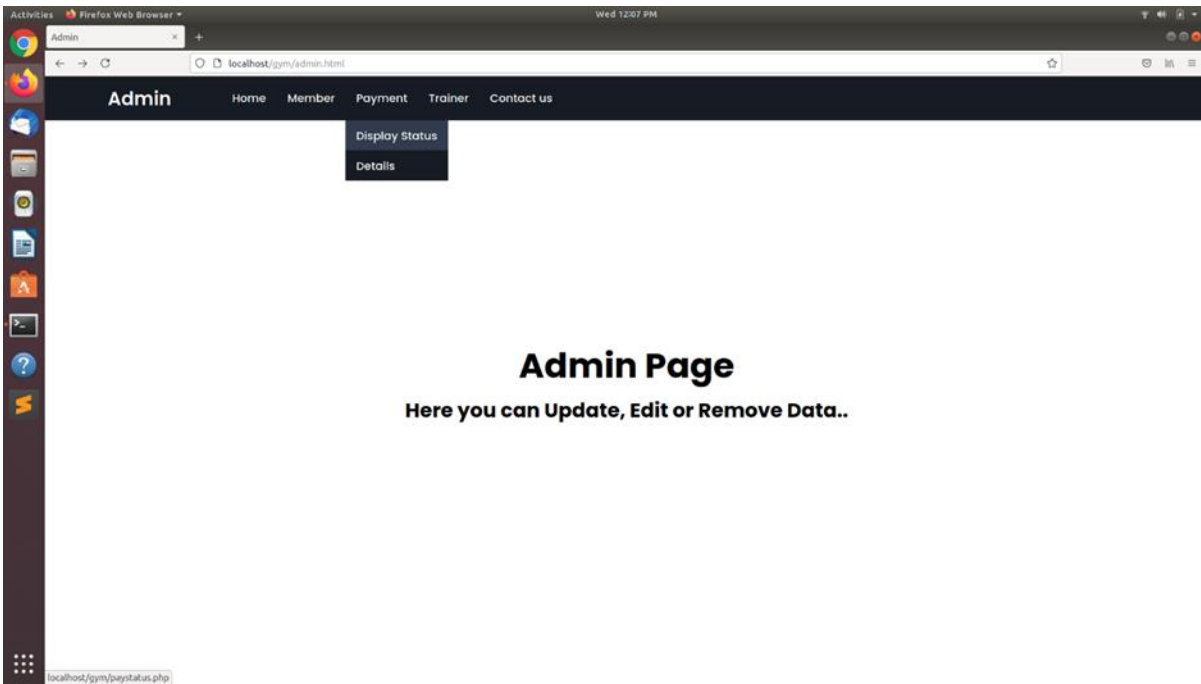
updated Successfully !!!

[Go Back](#)

```
root@mars2023-HP-Laptop-15-da0xxx:~#
mysql select * from member;
+----+-----+-----+-----+-----+-----+
| m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name |
+----+-----+-----+-----+-----+-----+
| 11 | rushi | 987845121 | pinpr | rushik | 1001 | 1 | |
| 13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 | |
| 10 | rohit | 797266167 | rahantant pcnc pune | rohang345 | 1002 | 2 | |
| 17 | shivan | 987466123 | jagtap diary | shivan@123 | 1003 | 2 | |
| 14 | akhil | 945444874 | pinple gurav | akhil@312 | 1002 | 2 | |
(5 rows)

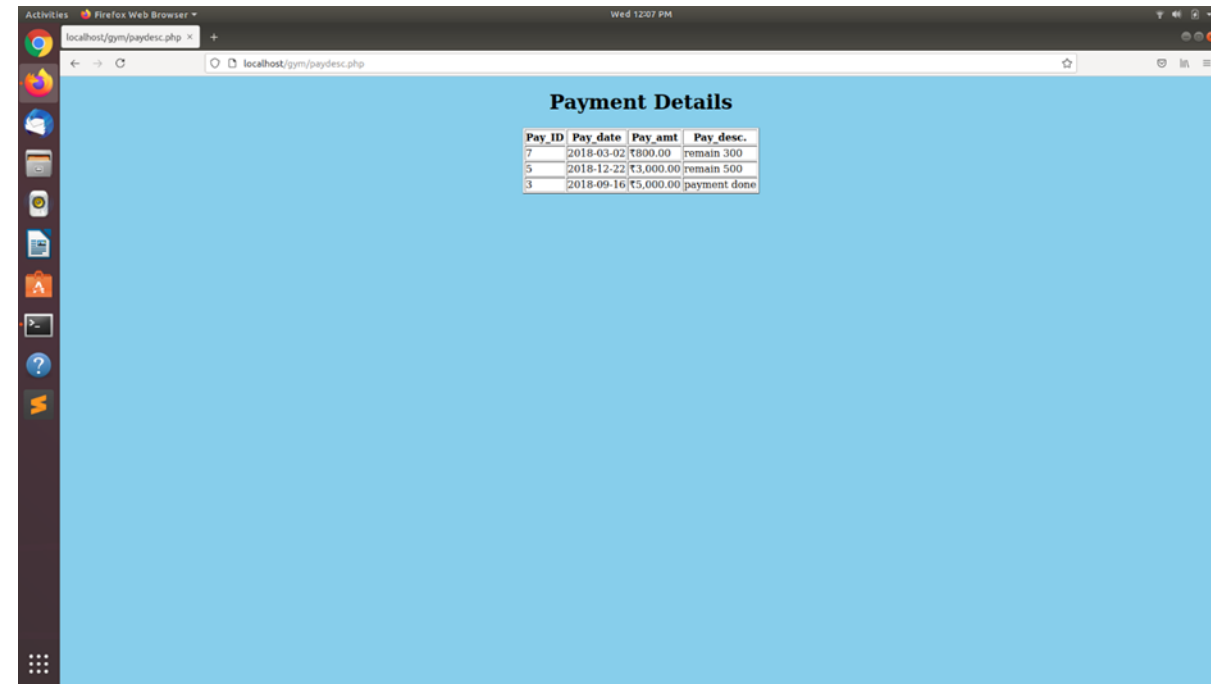
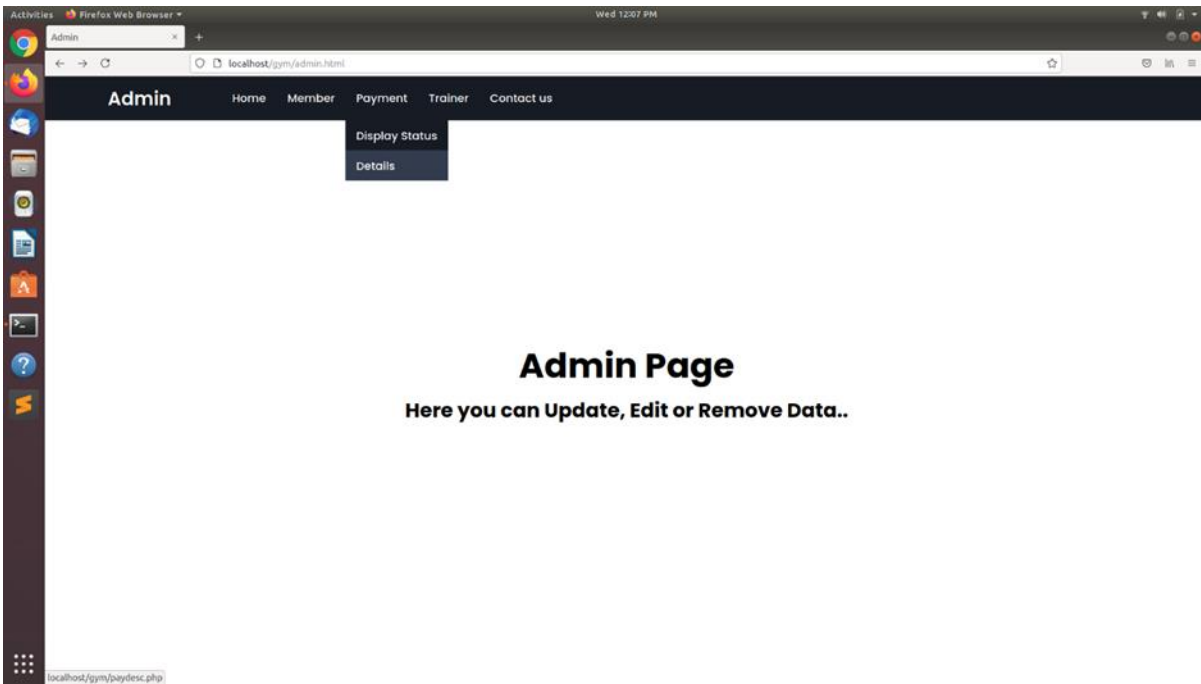
mysql select * from member;
+----+-----+-----+-----+-----+-----+
| m_id | m_name | m_no | m_addr | m_username | gym_id | t_id | b_name |
+----+-----+-----+-----+-----+-----+
| 13 | harshal | 976717569 | sangvt | harshalk | 1003 | 3 | |
| 10 | rohit | 797266167 | rahantant pcnc pune | rohang345 | 1002 | 2 | |
| 17 | shivan | 987466123 | jagtap diary | shivan@123 | 1003 | 2 | |
| 14 | akhil | 945444874 | pinple gurav | akhil@312 | 1002 | 2 | |
| 11 | rushi | 0 | pinpr | rushik | 1001 | 1 | |
(5 rows)
```

# Output Screens

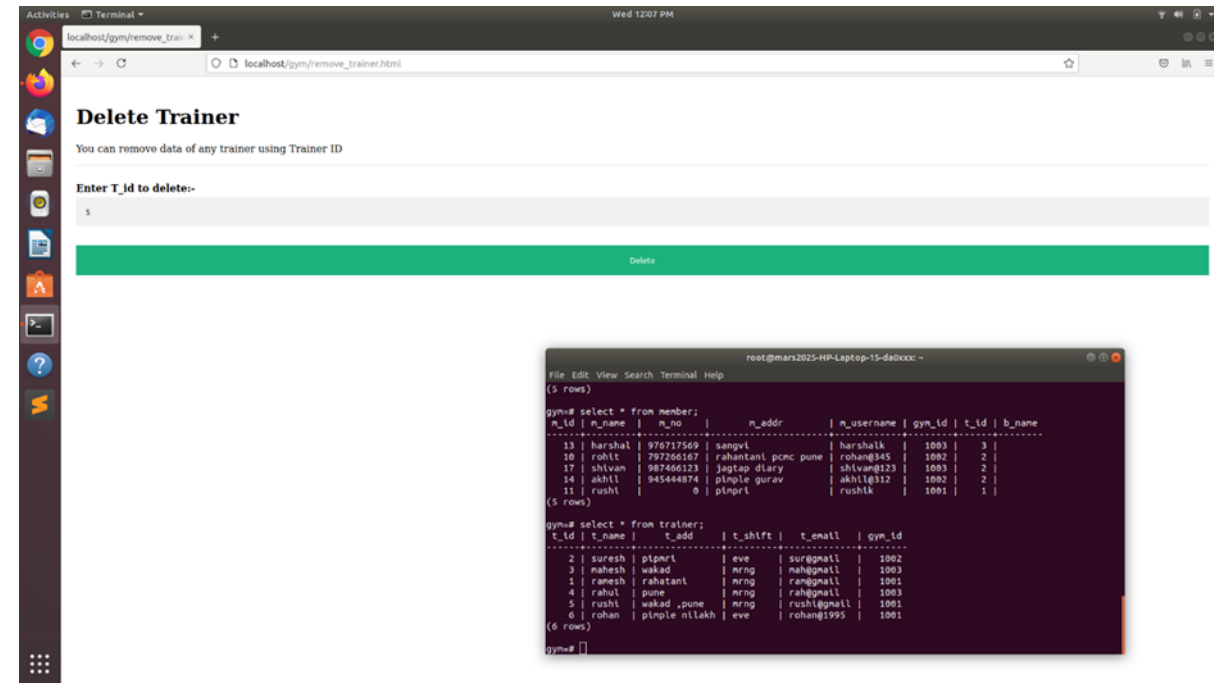
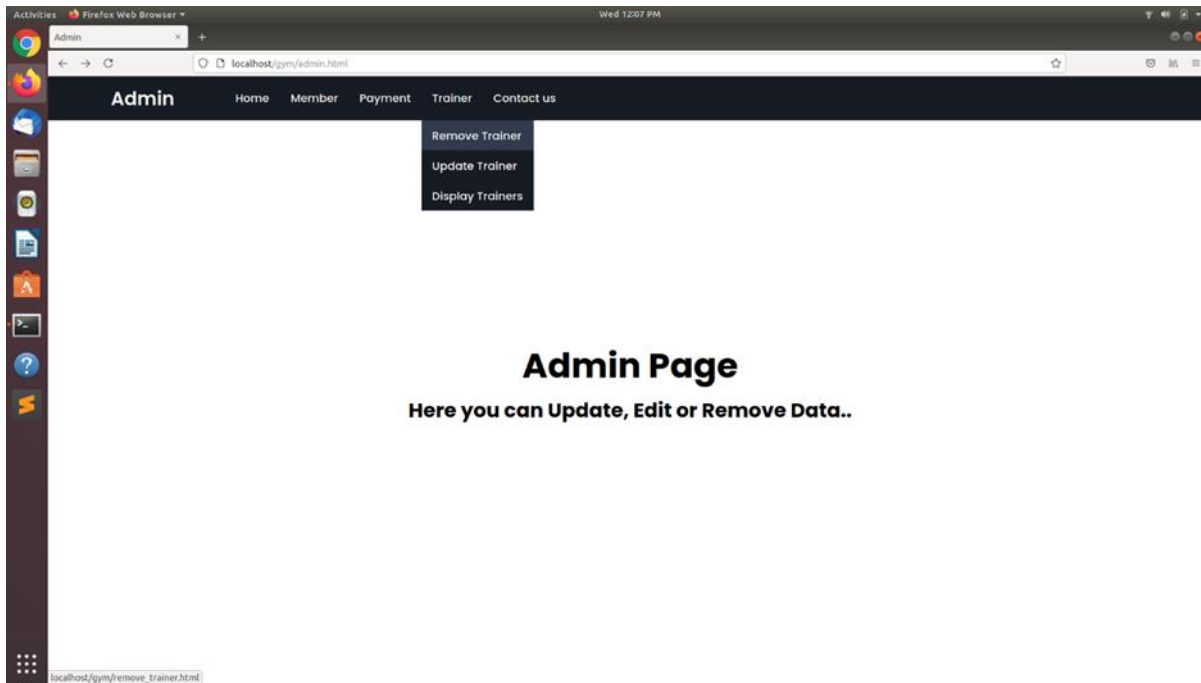




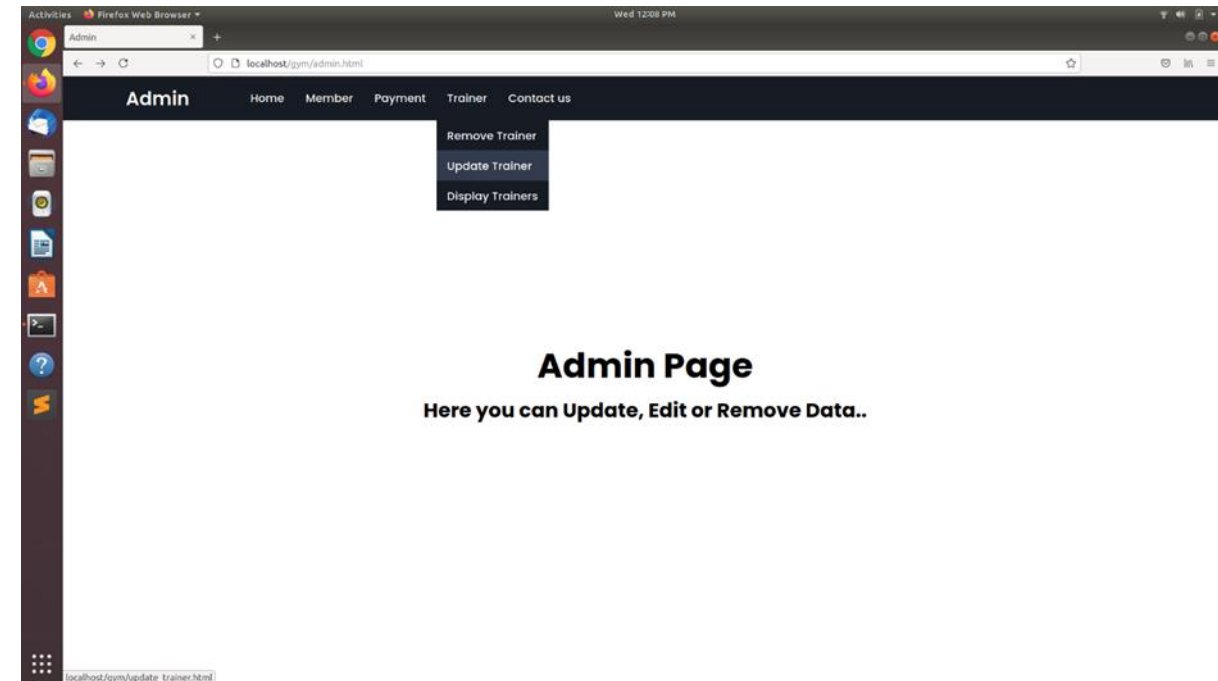
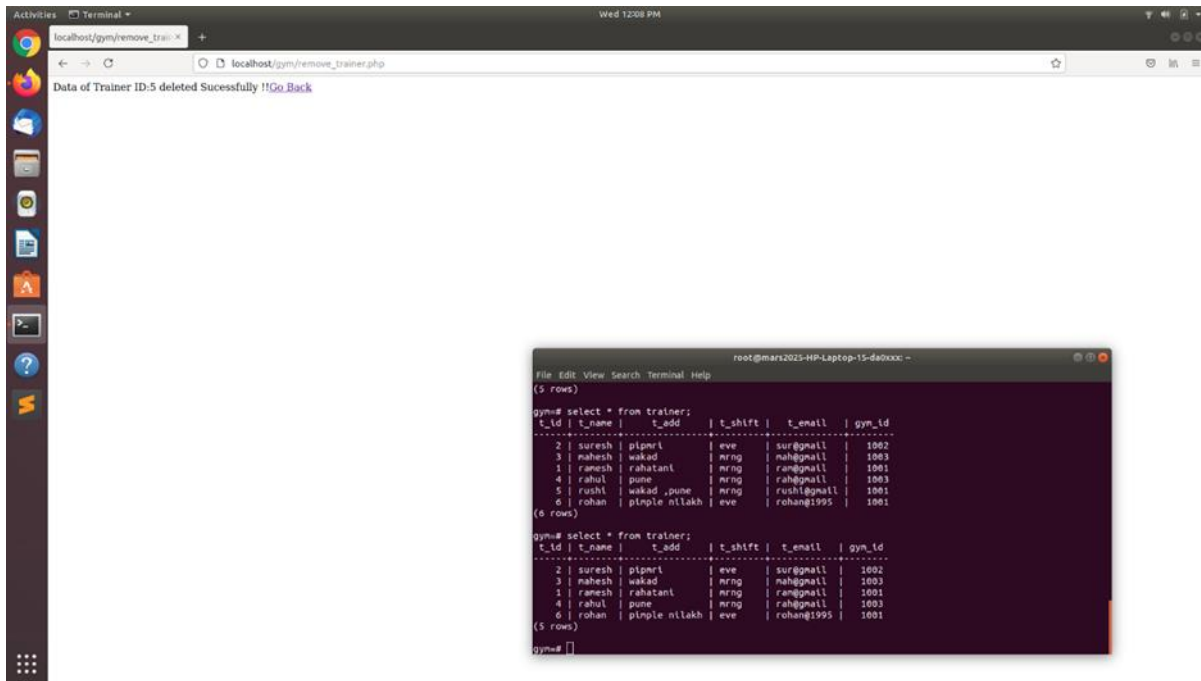
# Output Screens



# Output Screens



# Output Screens



# Output Screens

The browser window displays the 'Update Trainer Details' page. It includes a heading 'Update Trainer Details', a sub-heading 'Here You can Update Shift of Trainer', and two input fields: 'Enter T\_id provided by admin' with the value '1' and 'Enter New shift-' with the value 'eve'. A green 'Update' button is at the bottom.

The terminal window shows the database state before the update:

```
root@mars2025-HP-Laptop-15-da0xxx:~#  
gym# select * from trainer;  
(5 rows)  
t_id | t_name | t_add | t_shift | t_email | gym_id  
-----  
2 | suresh | piprli | eve | sur@gmail | 1002  
3 | mahesh | wakad | mrg | mah@gmail | 1003  
1 | ramesh | rahatani | mrg | ram@gmail | 1001  
4 | rahul | pune | mrg | rah@gmail | 1003  
5 | rishi | wakad_pune | mrg | rishi@gmail | 1001  
6 | rohan | pinple nilakh | eve | rohang1995 | 1001  
(5 rows)  
gym# select * from trainer;  
t_id | t_name | t_add | t_shift | t_email | gym_id  
-----  
2 | suresh | piprli | eve | sur@gmail | 1002  
3 | mahesh | wakad | mrg | mah@gmail | 1003  
1 | ramesh | rahatani | mrg | ram@gmail | 1001  
4 | rahul | pune | mrg | rah@gmail | 1003  
6 | rohan | pinple nilakh | eve | rohang1995 | 1001  
(5 rows)  
gym#
```

The browser window displays a success message: 'updated Successfully !!!' with a 'Go Back' link.

The terminal window shows the database state after the update:

```
root@mars2025-HP-Laptop-15-da0xxx:~#  
gym# select * from trainer;  
(6 rows)  
t_id | t_name | t_add | t_shift | t_email | gym_id  
-----  
2 | suresh | piprli | eve | sur@gmail | 1002  
3 | mahesh | wakad | mrg | mah@gmail | 1003  
1 | ramesh | rahatani | mrg | ram@gmail | 1001  
4 | rahul | pune | mrg | rah@gmail | 1003  
6 | rohan | pinple nilakh | eve | rohang1995 | 1001  
(5 rows)  
gym# select * from trainer;  
t_id | t_name | t_add | t_shift | t_email | gym_id  
-----  
2 | suresh | piprli | eve | sur@gmail | 1002  
3 | mahesh | wakad | mrg | mah@gmail | 1003  
4 | rahul | pune | mrg | rah@gmail | 1003  
6 | rohan | pinple nilakh | eve | rohang1995 | 1001  
1 | ramesh | rahatani | eve | ram@gmail | 1001  
(5 rows)  
gym#
```

A close-up photograph of a black weight plate mounted on a silver barbell. The weight plate has a textured, knurled outer ring and a central hub. On the face of the plate, there is a small logo at the top, the number '10.26' at the bottom, and the letters 'EX' on the right side. The background is slightly blurred, showing other gym equipment. A semi-transparent black banner is overlaid on the bottom left, containing the text 'THANK YOU' in white, preceded by a vertical blue line.

**THANK YOU**