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

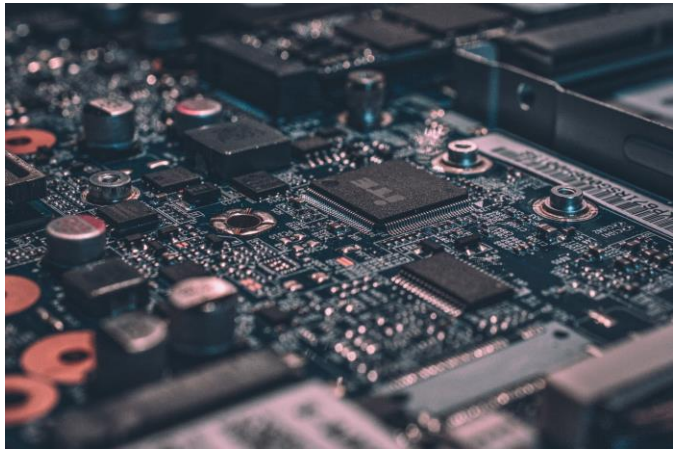
ROM:- 500gb

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

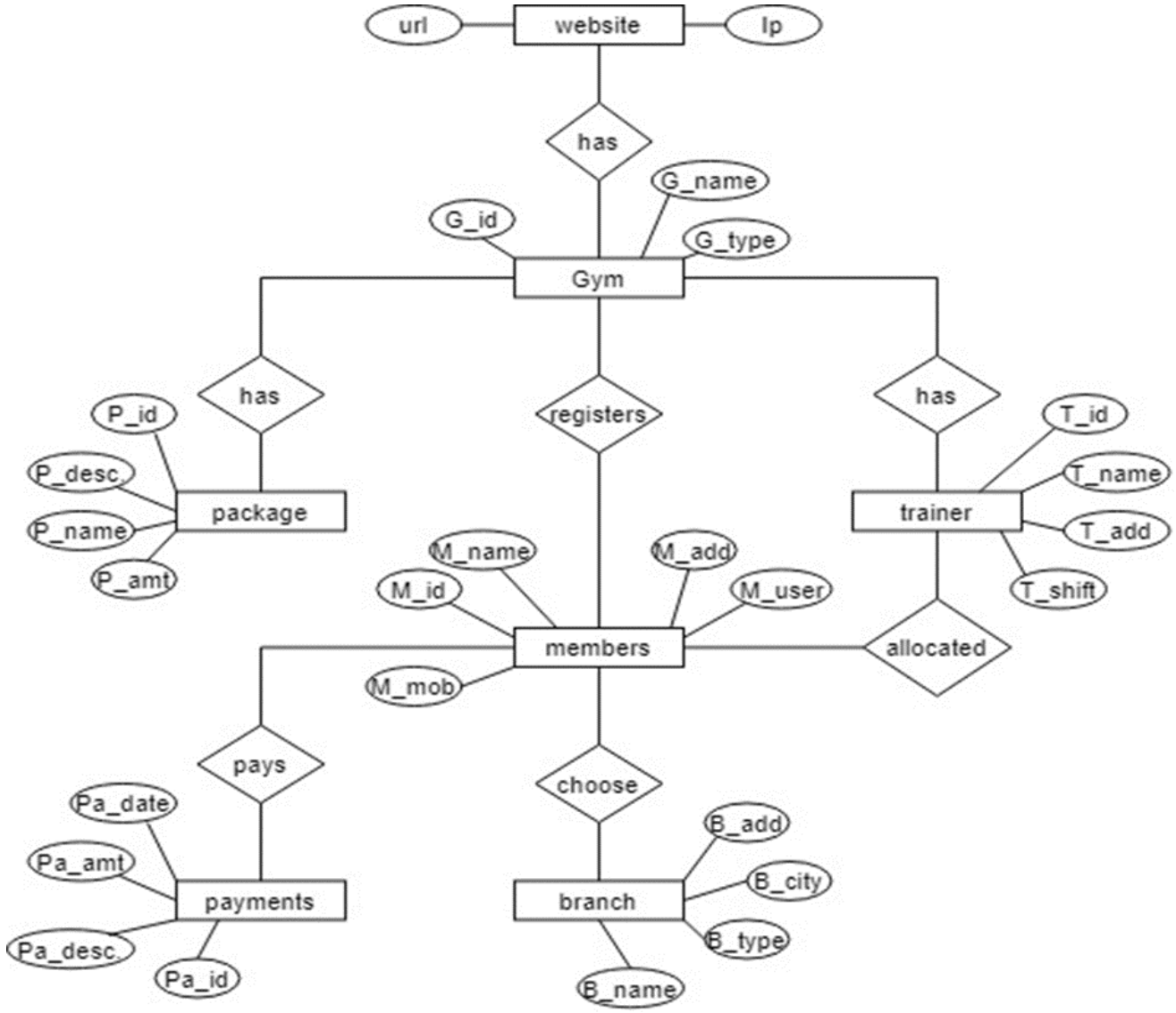
To produce a Web Based Stand Alone system that allow member to register for there membership.

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

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

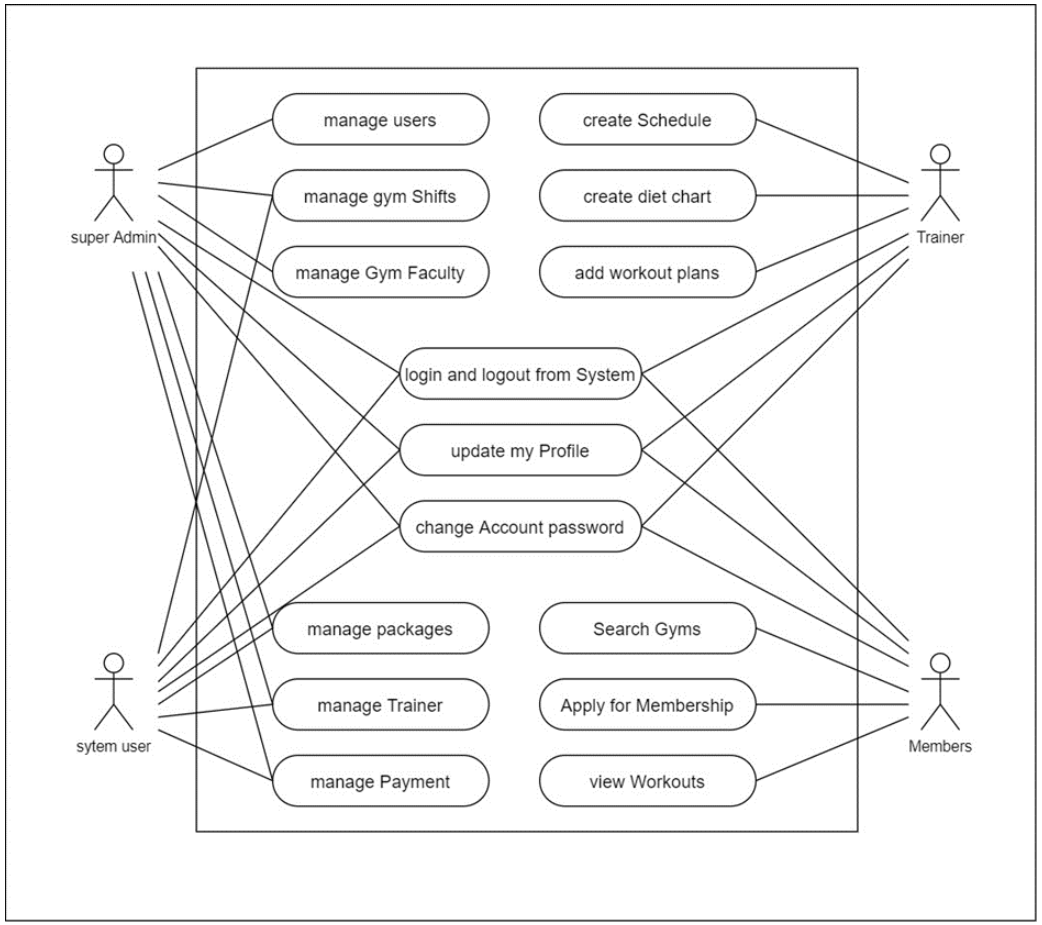
To produce the documentation such as software requirement specification, Design description and Software development references

Entity Relationship Diagram

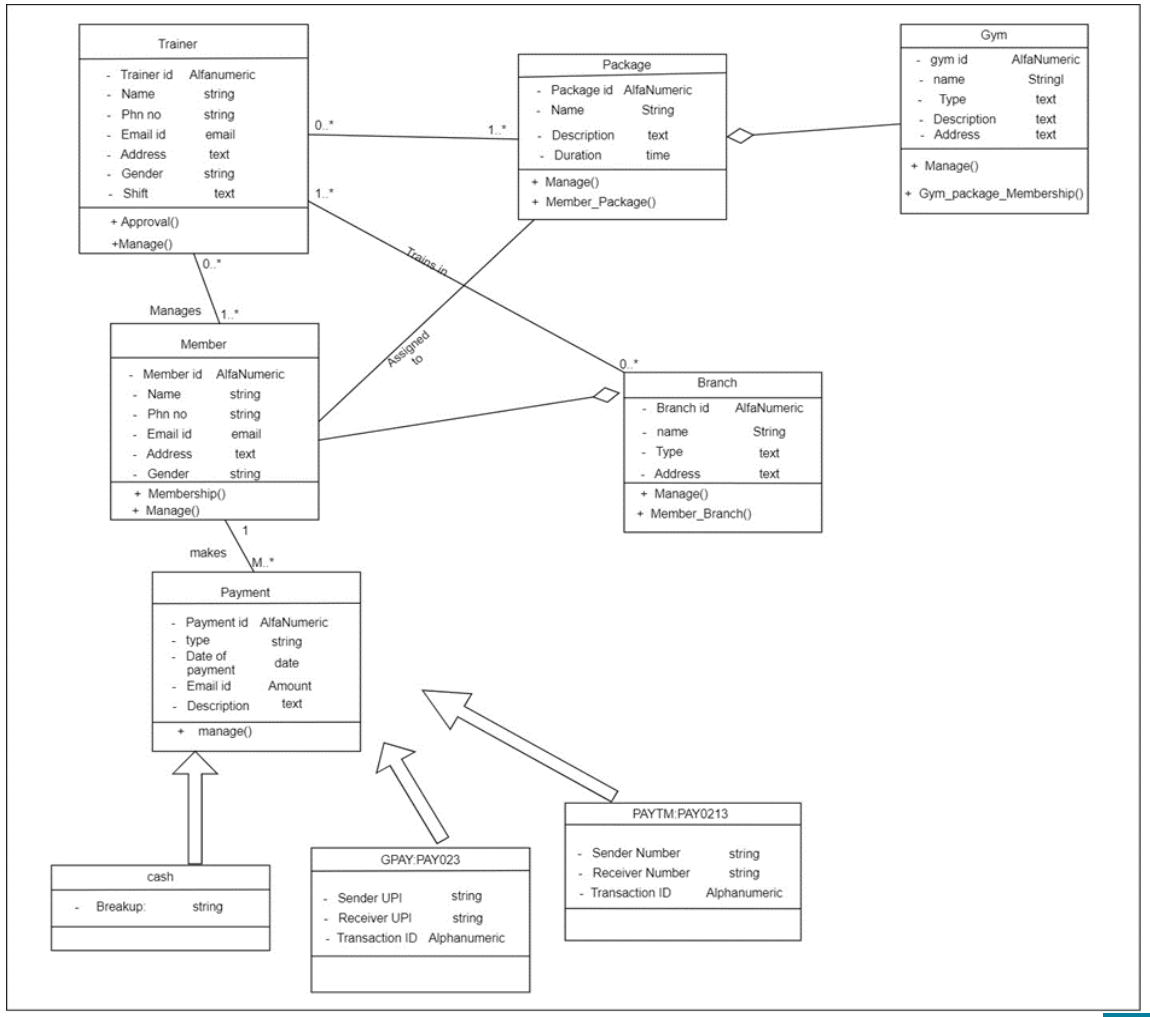


UML Diagrams

Use case Diagram

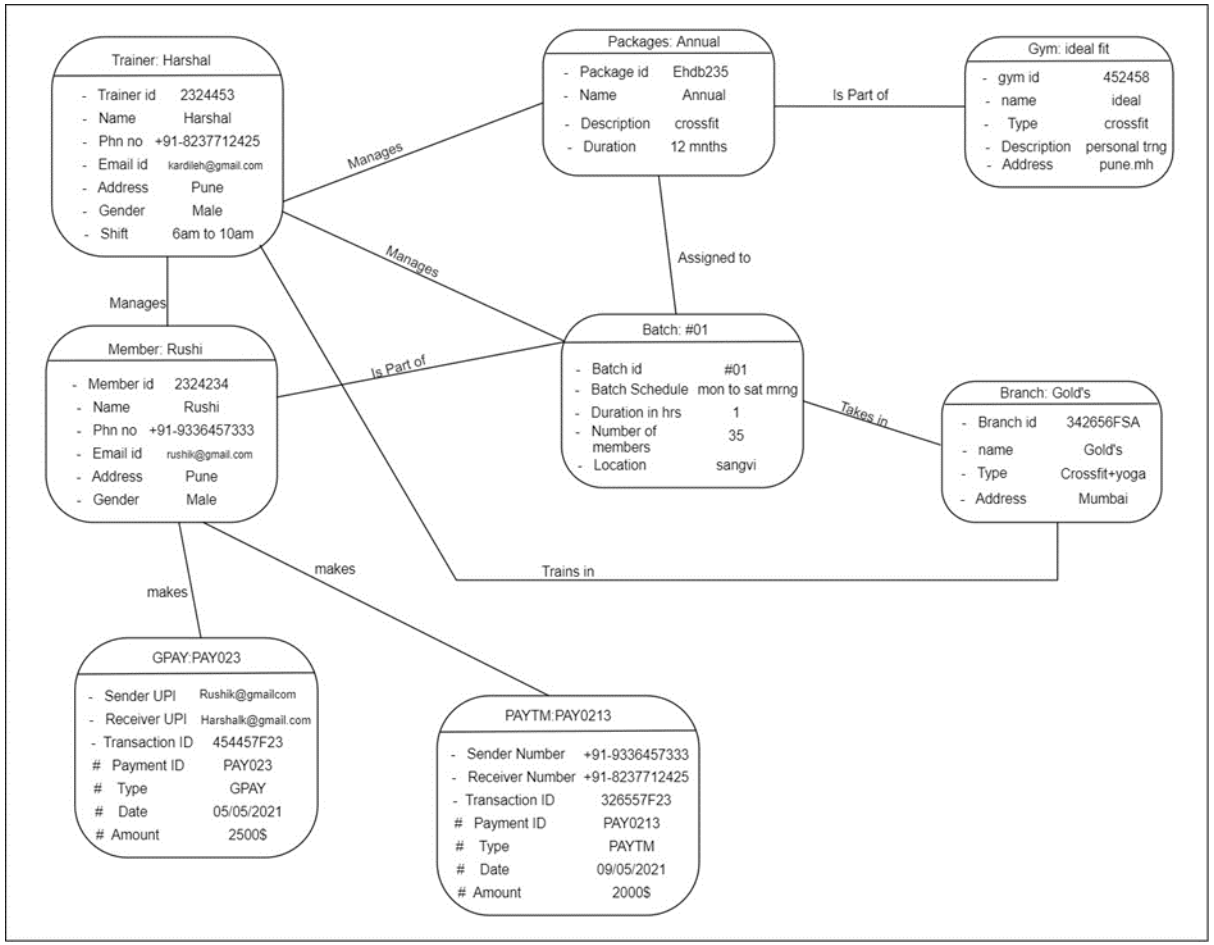


Class diagram

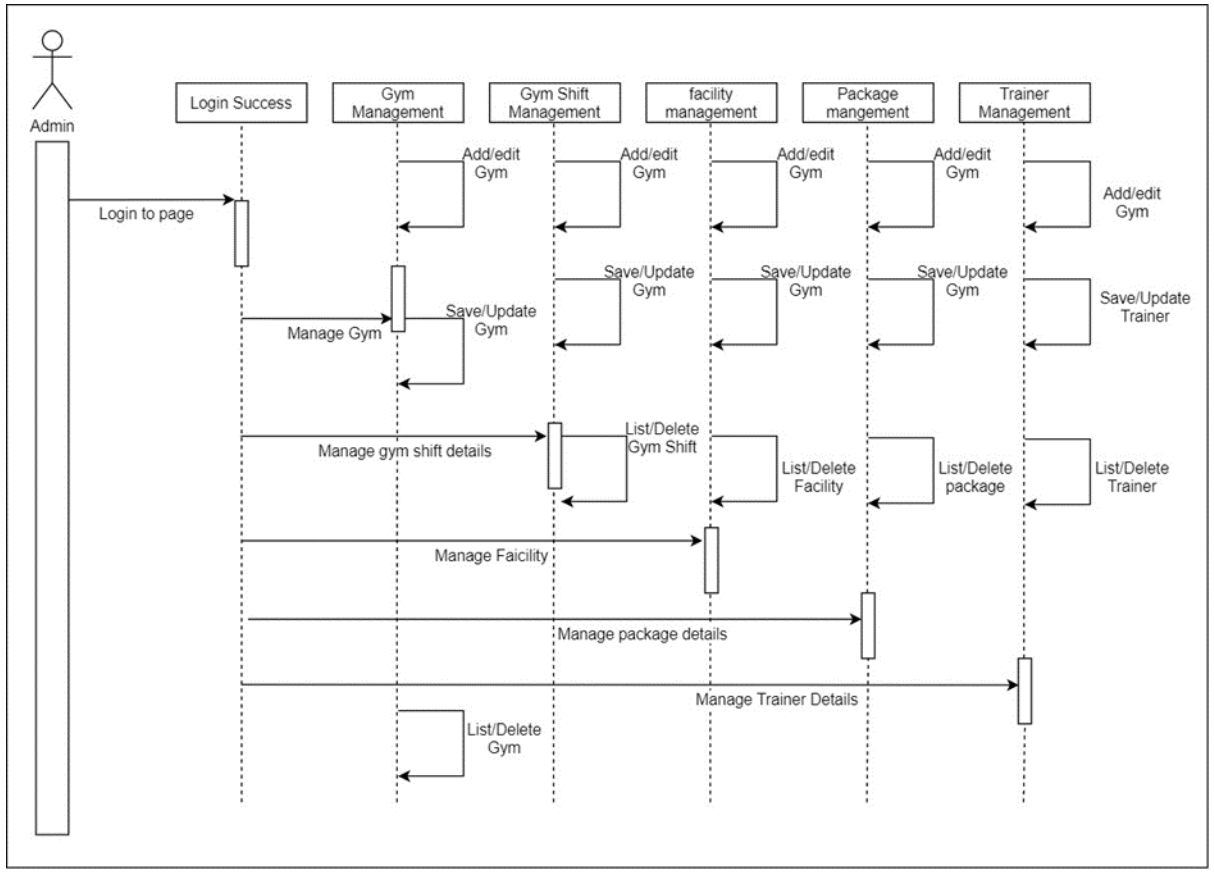


UML Diagrams

Object Diagram

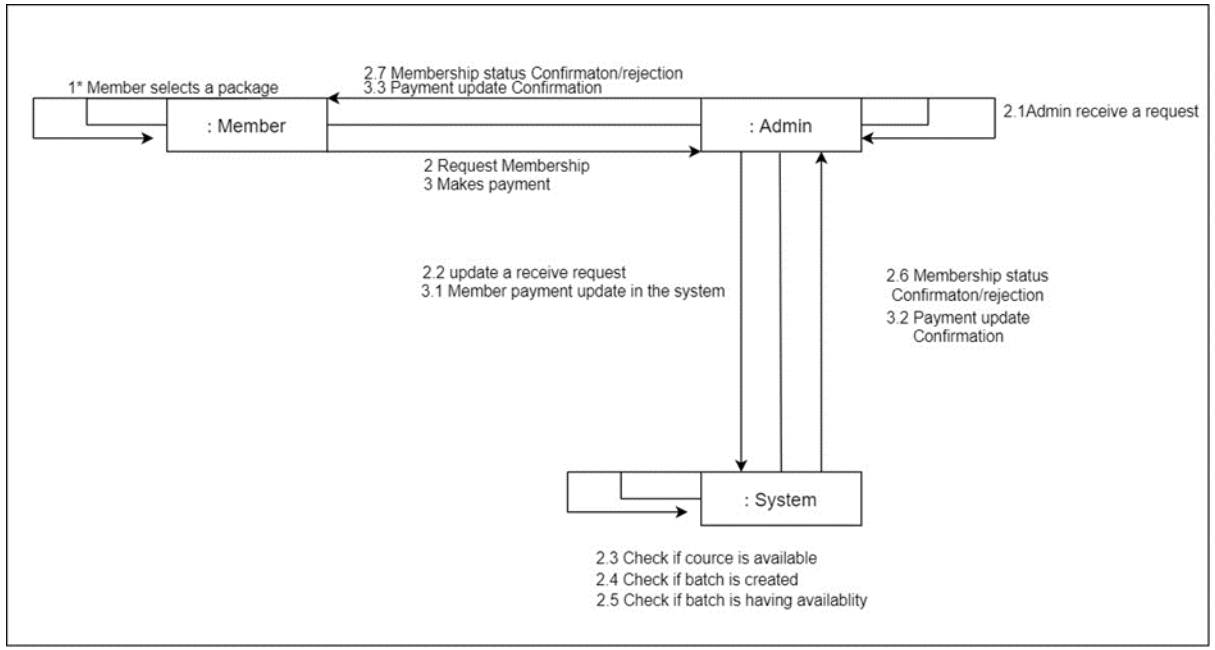


Sequence Diagram

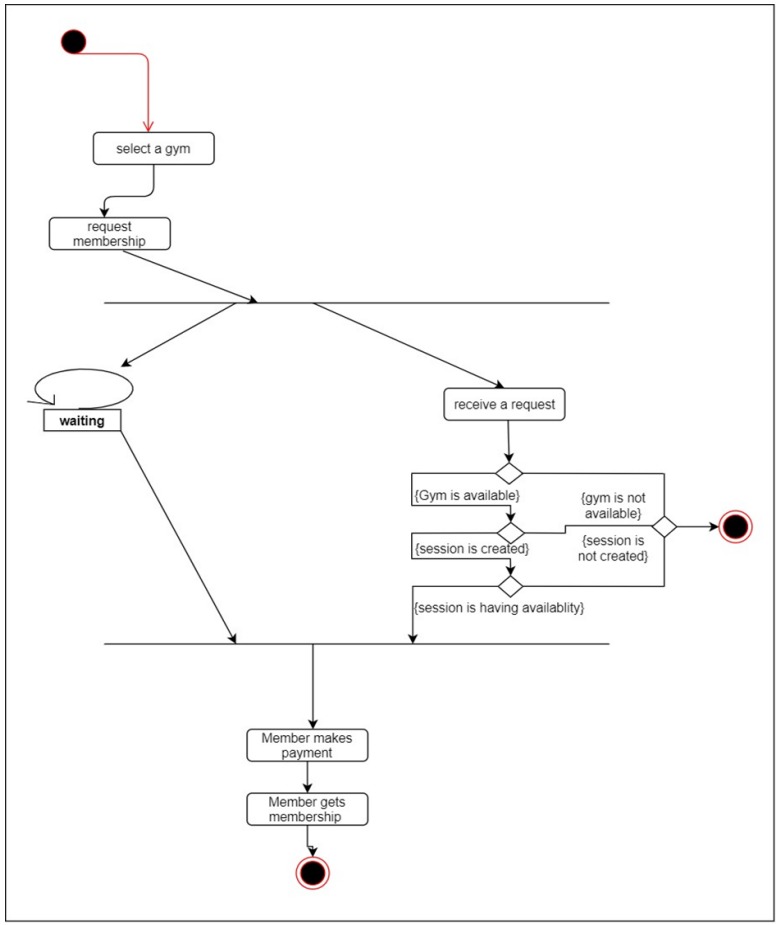


UML Diagrams

Collaboration Diagram

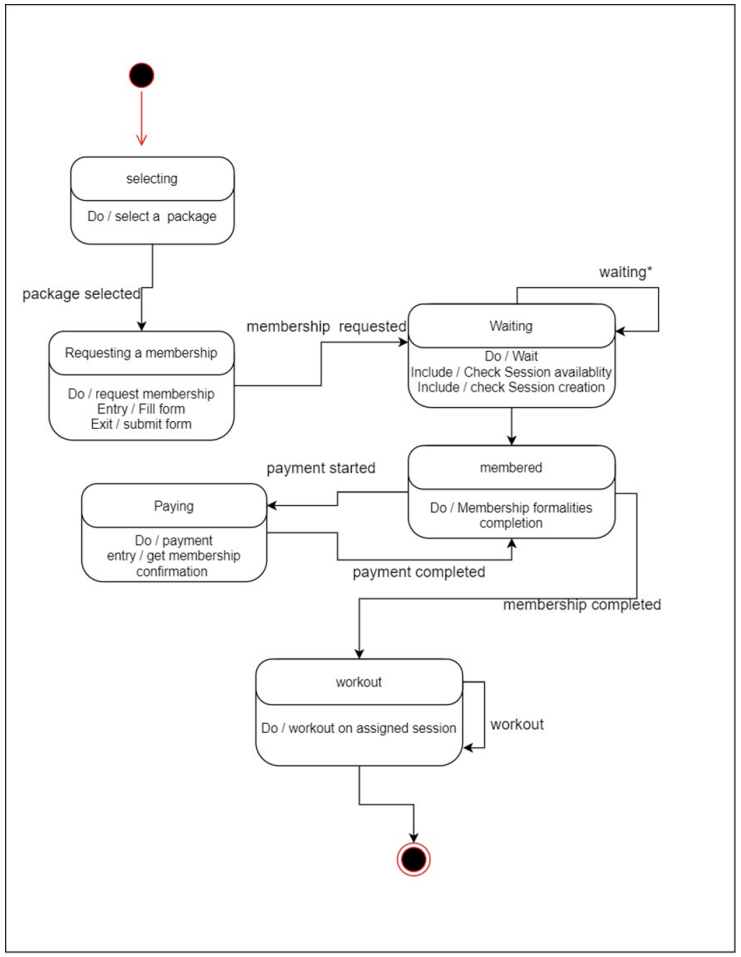


Activity Diagram

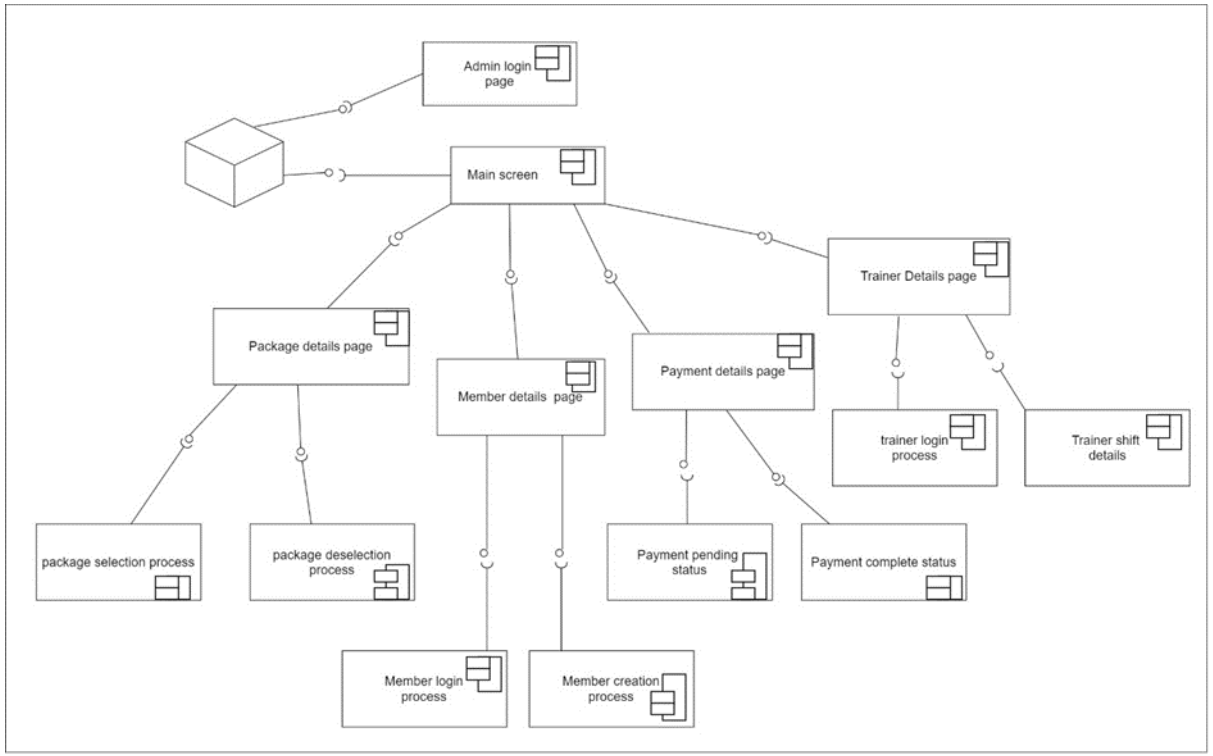


UML Diagrams

State chart Diagram

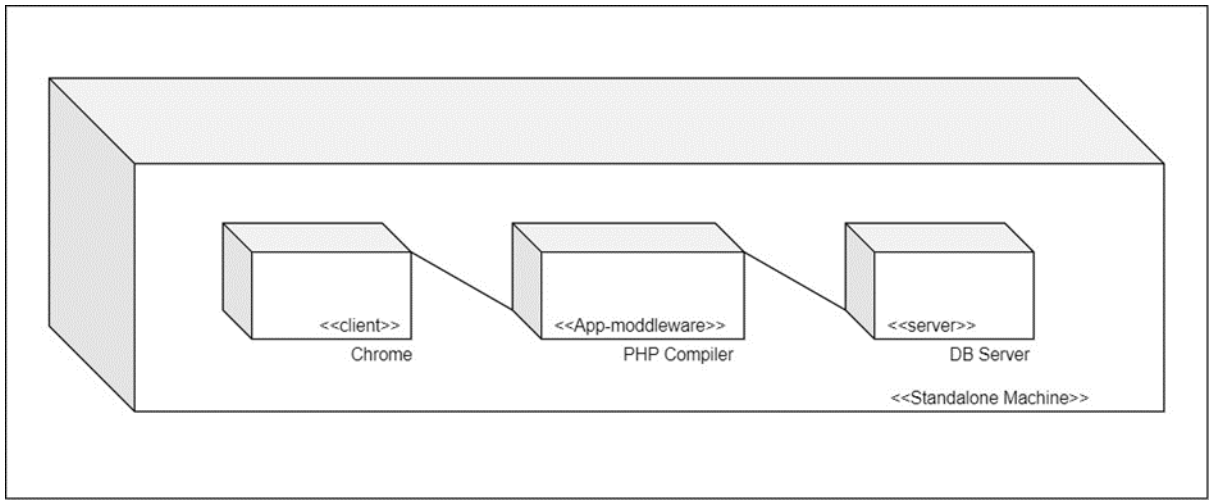


Component Diagram



UML Diagrams

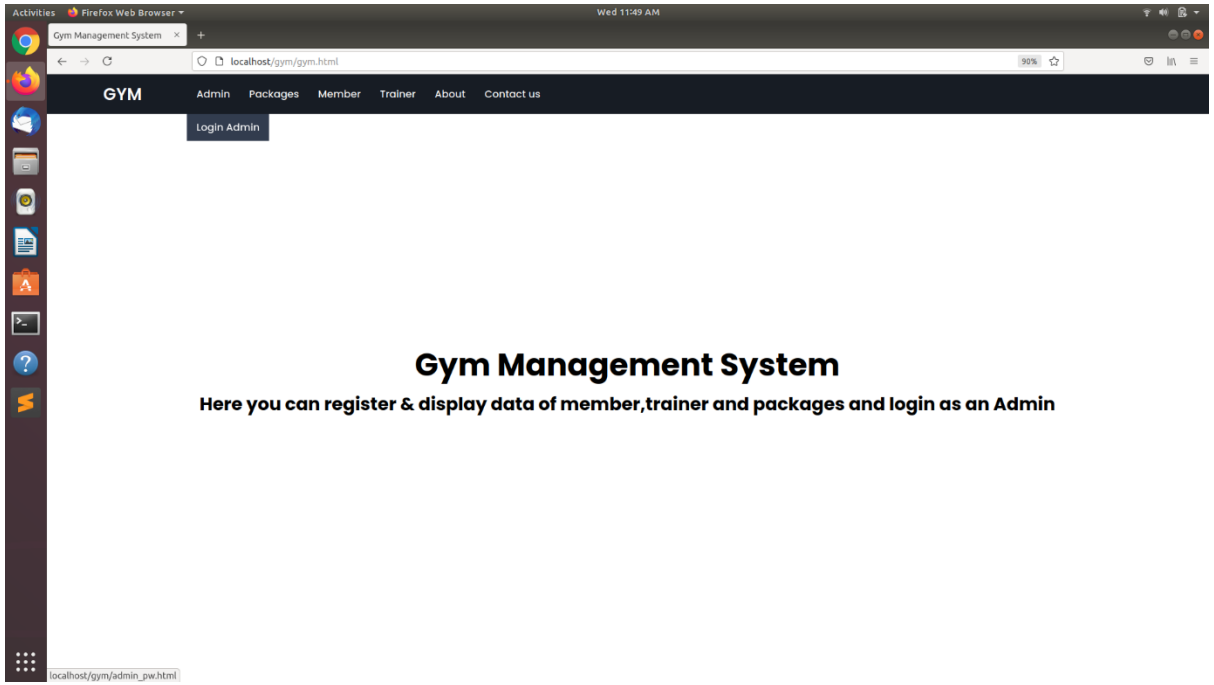
Deployment Diagram

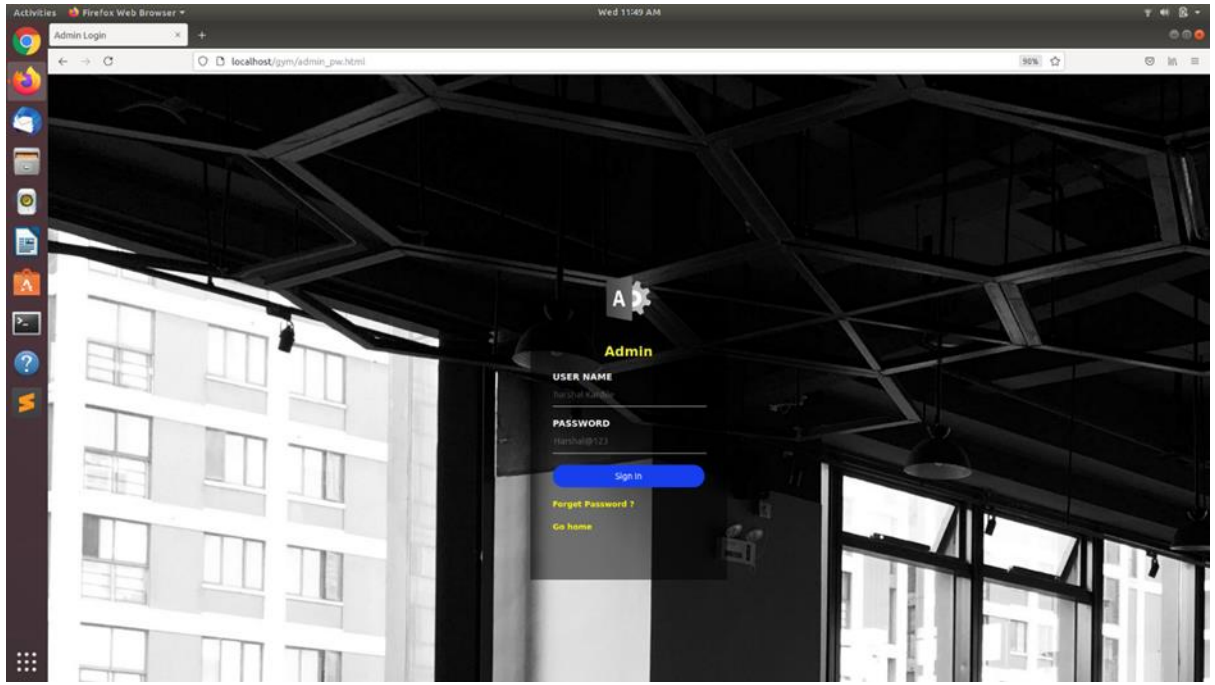


Conclusion

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





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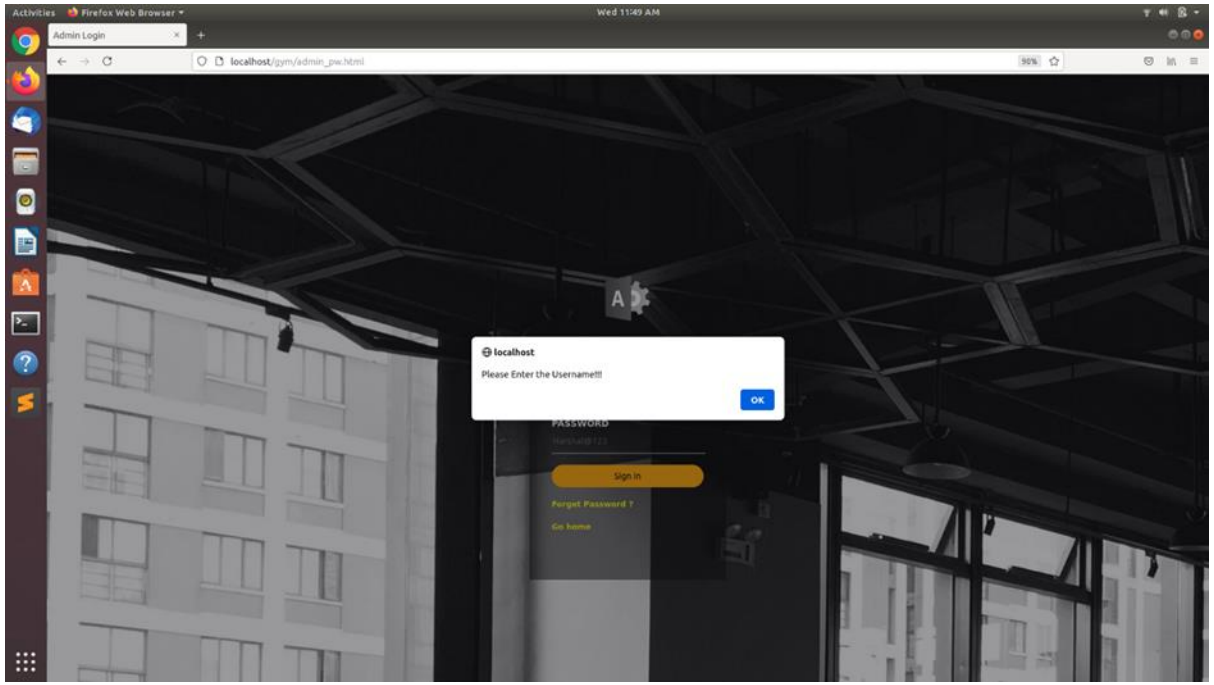

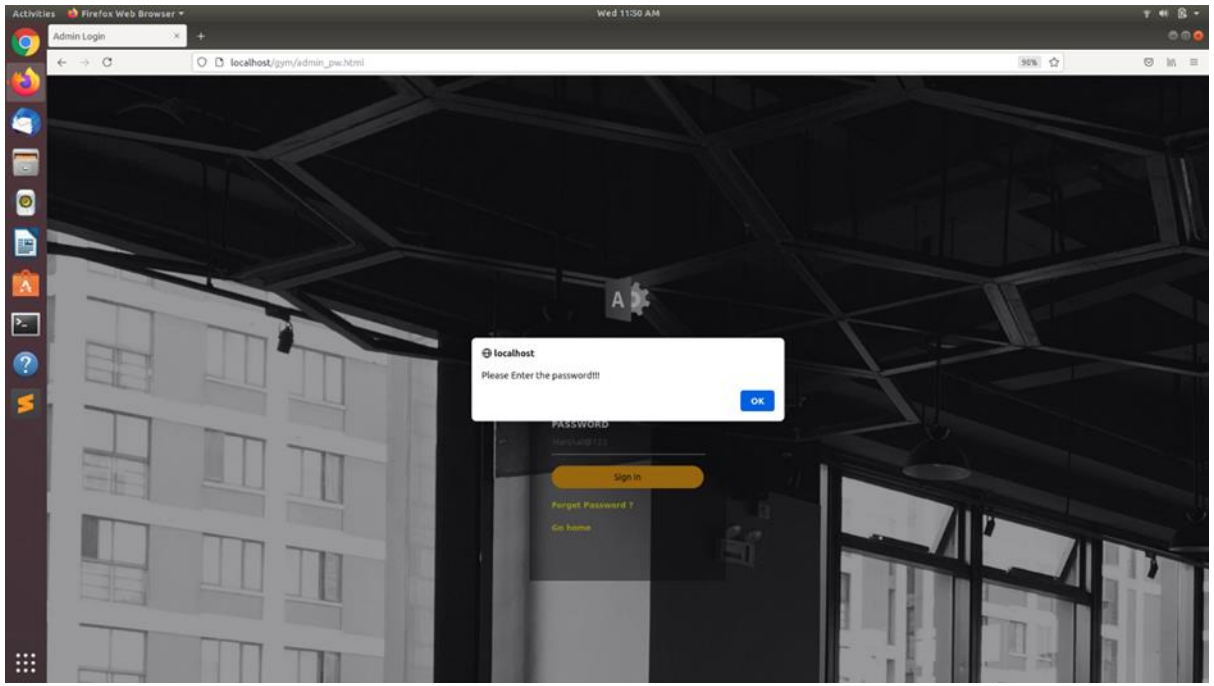

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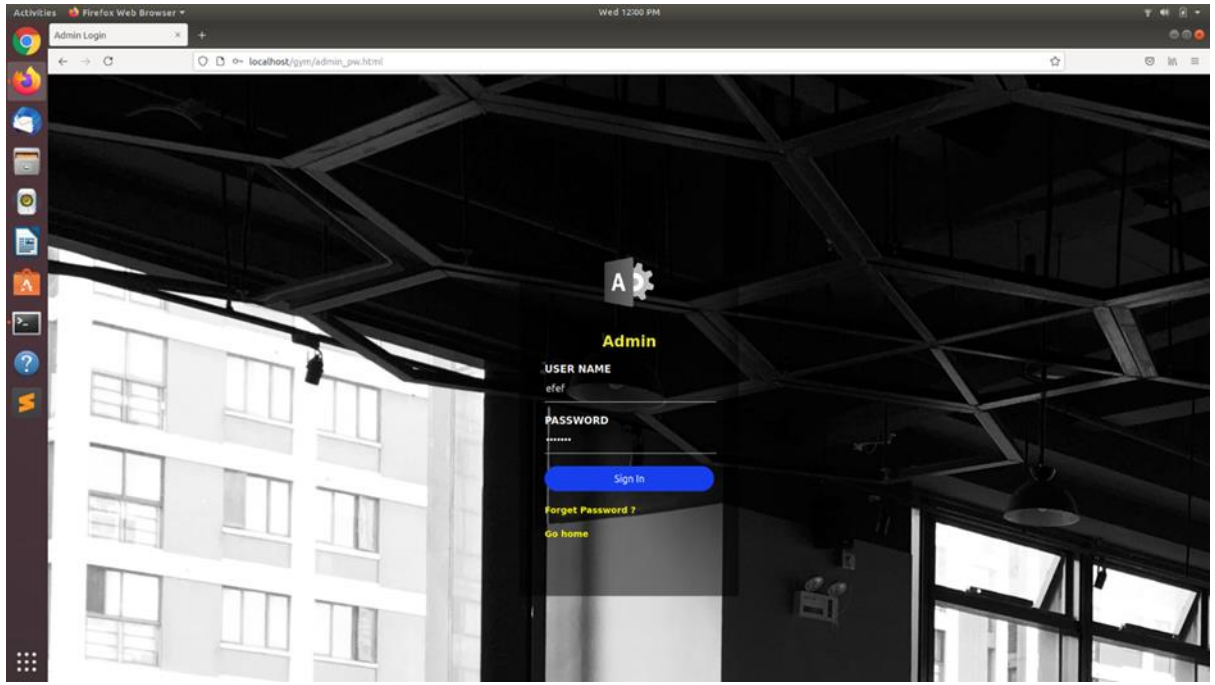

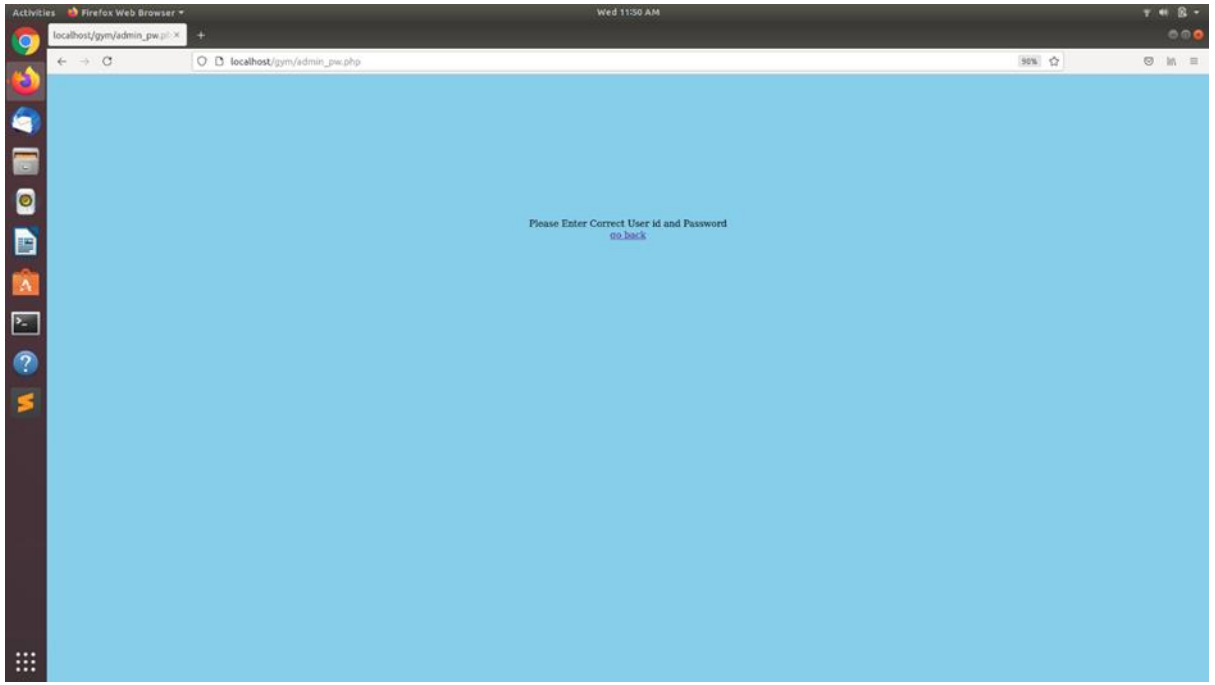

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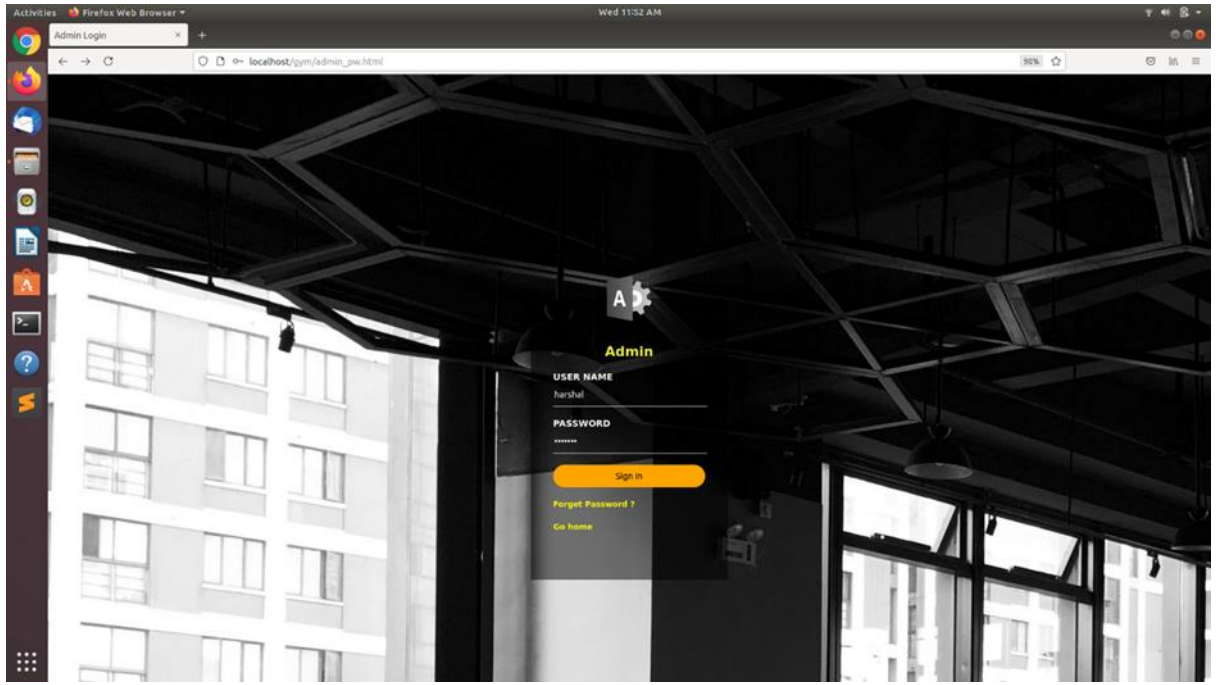

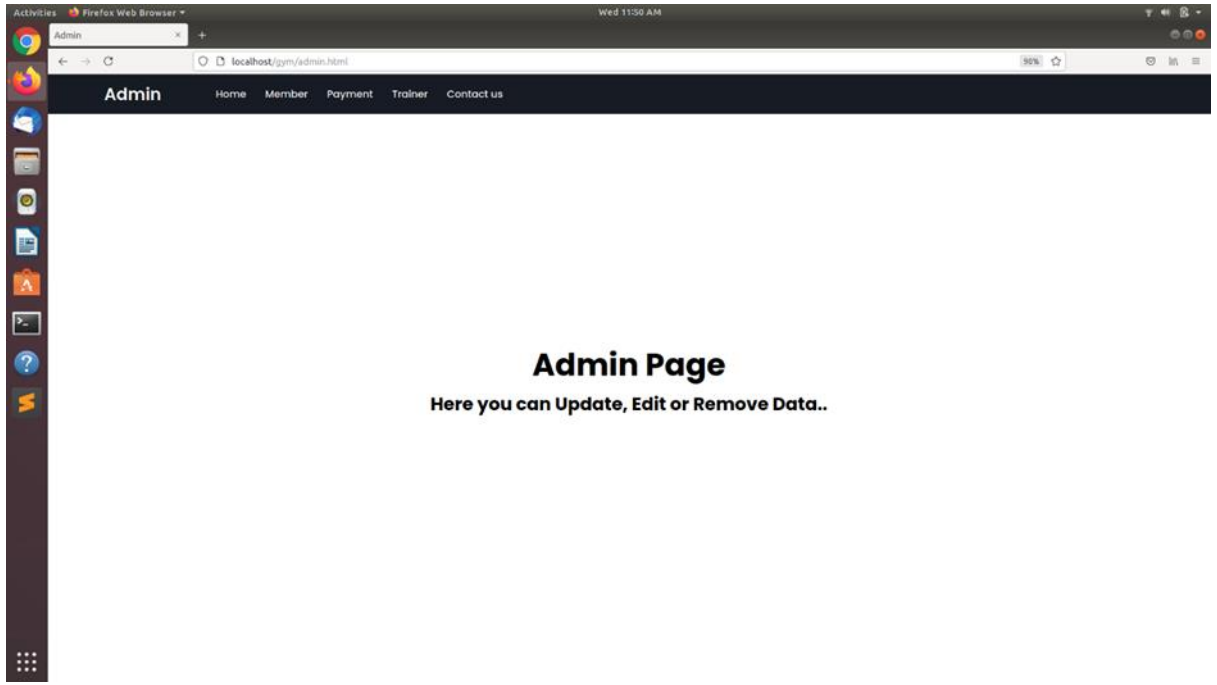

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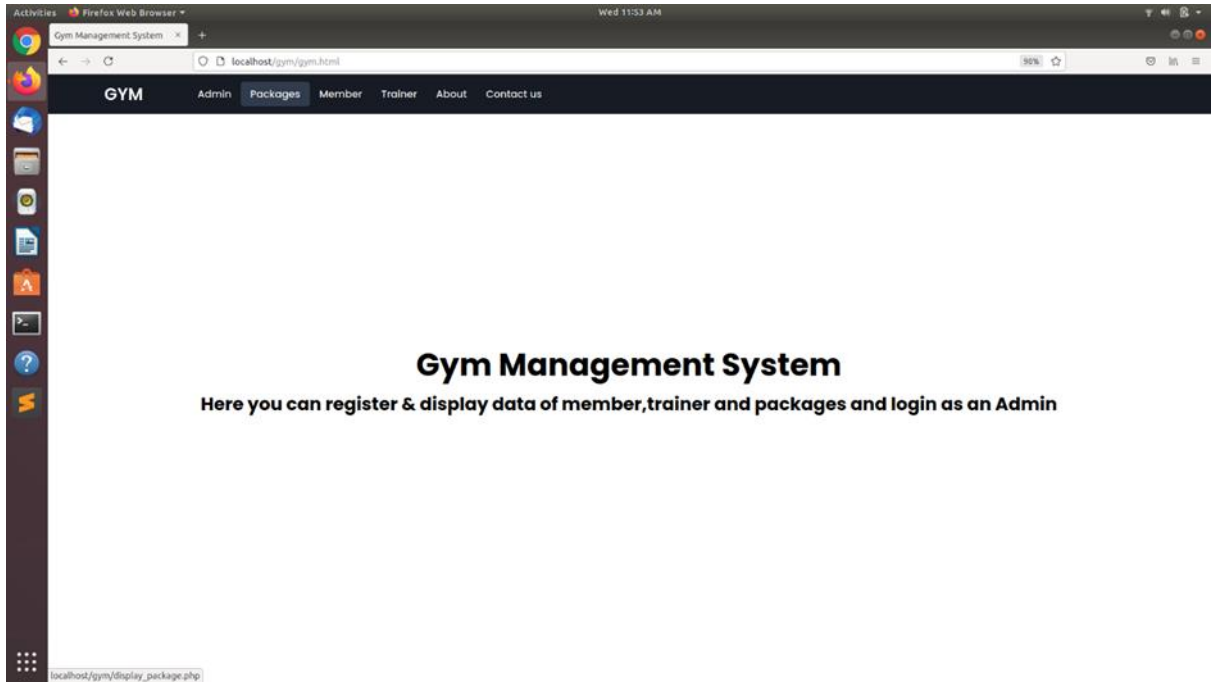

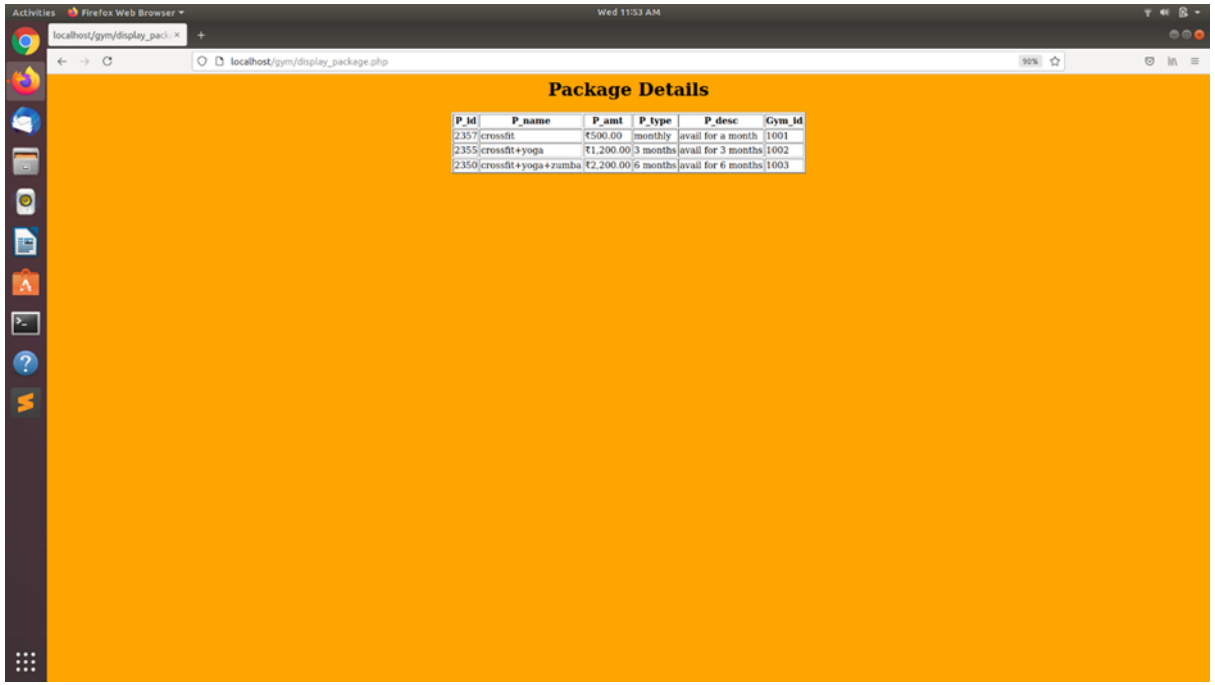

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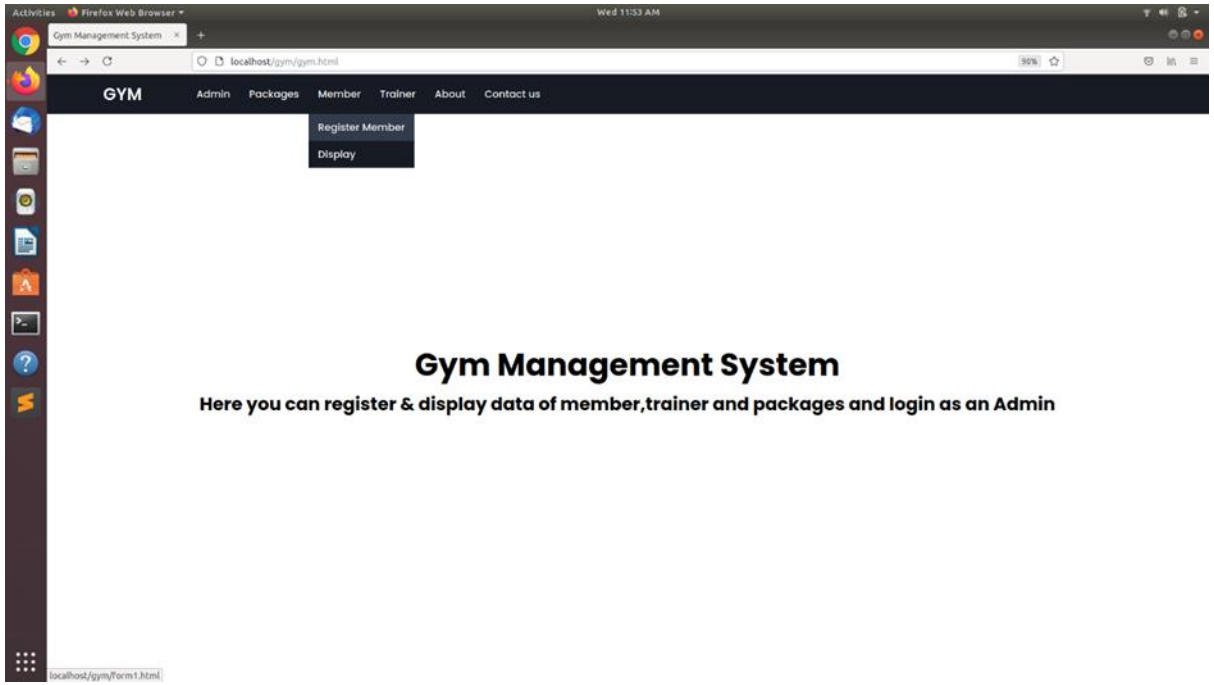

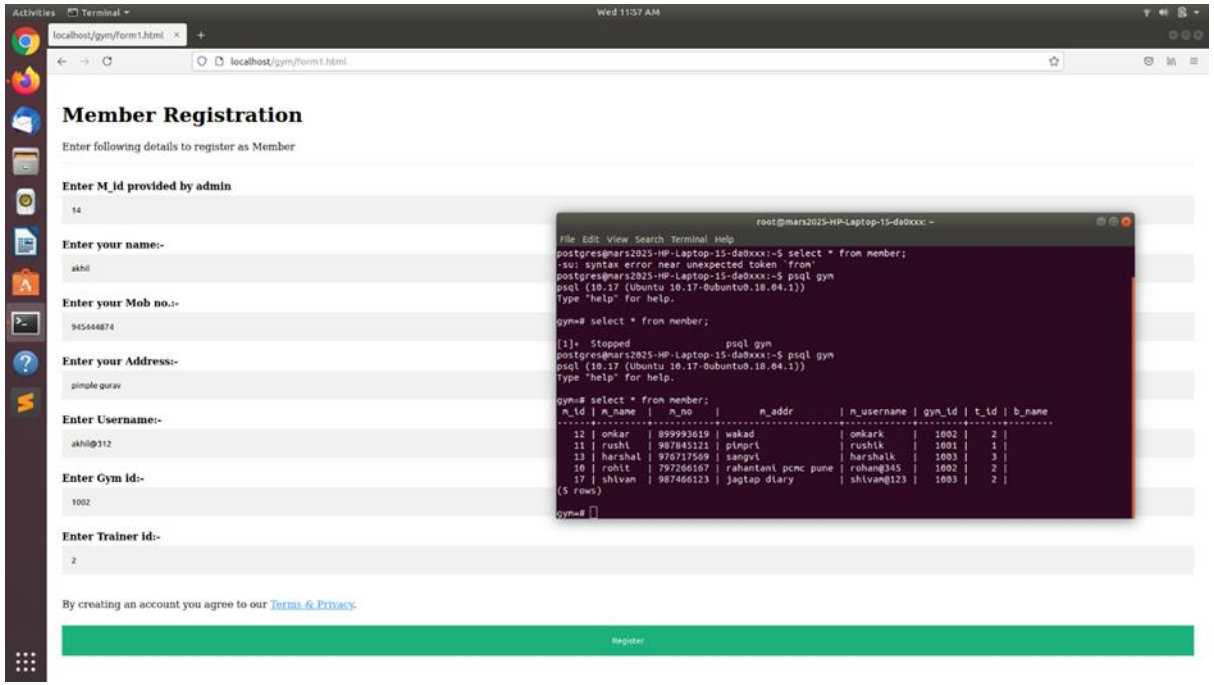

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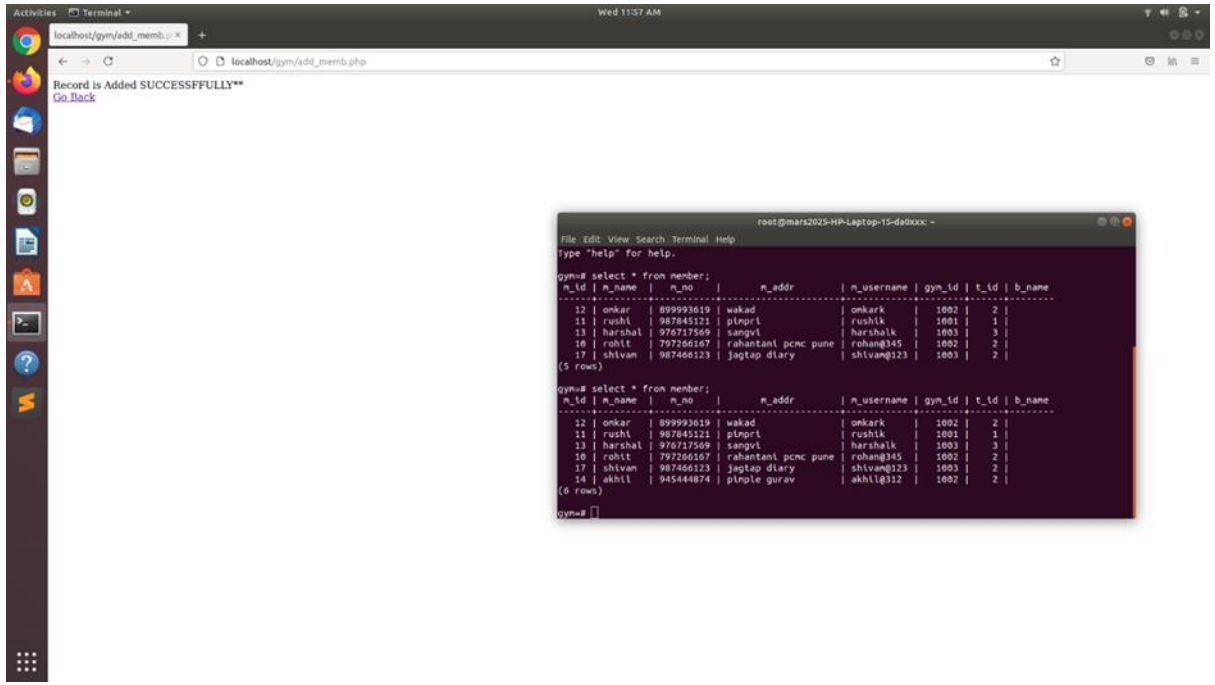

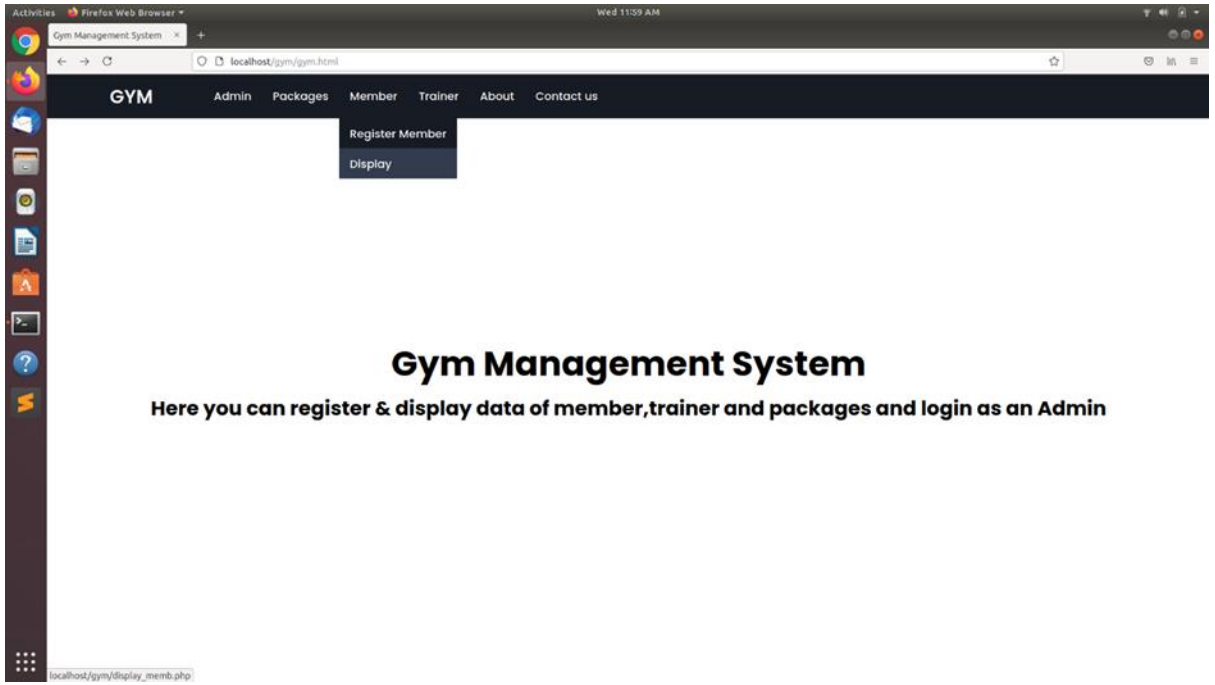

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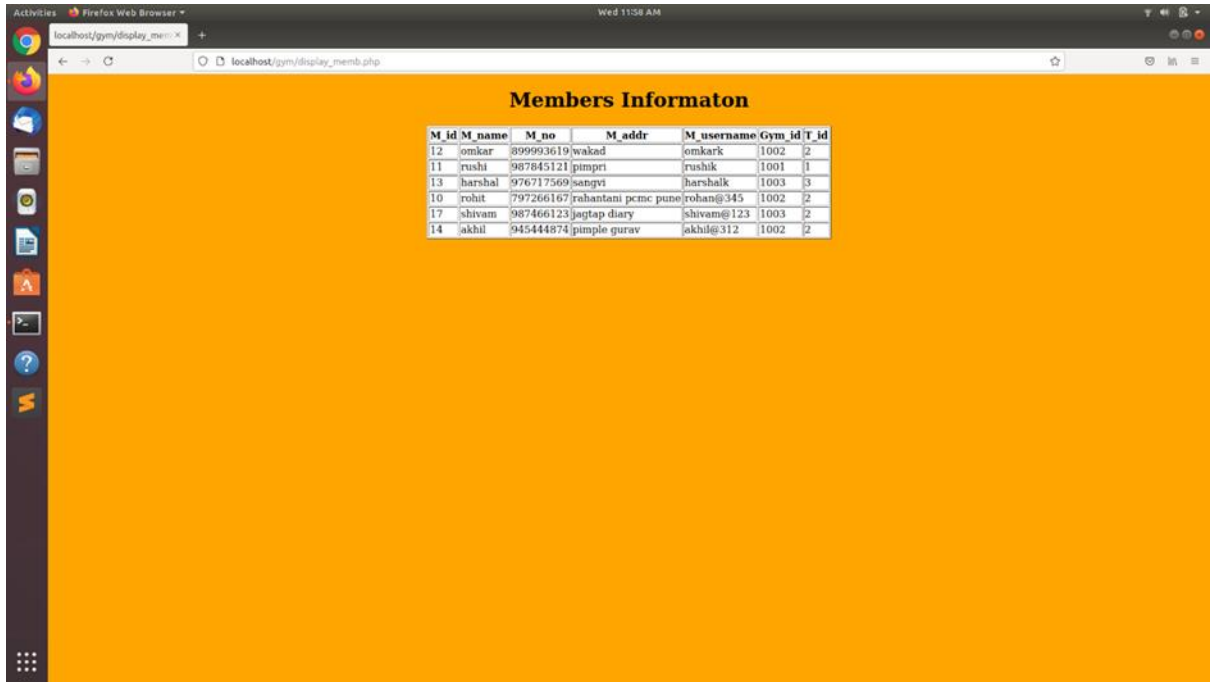

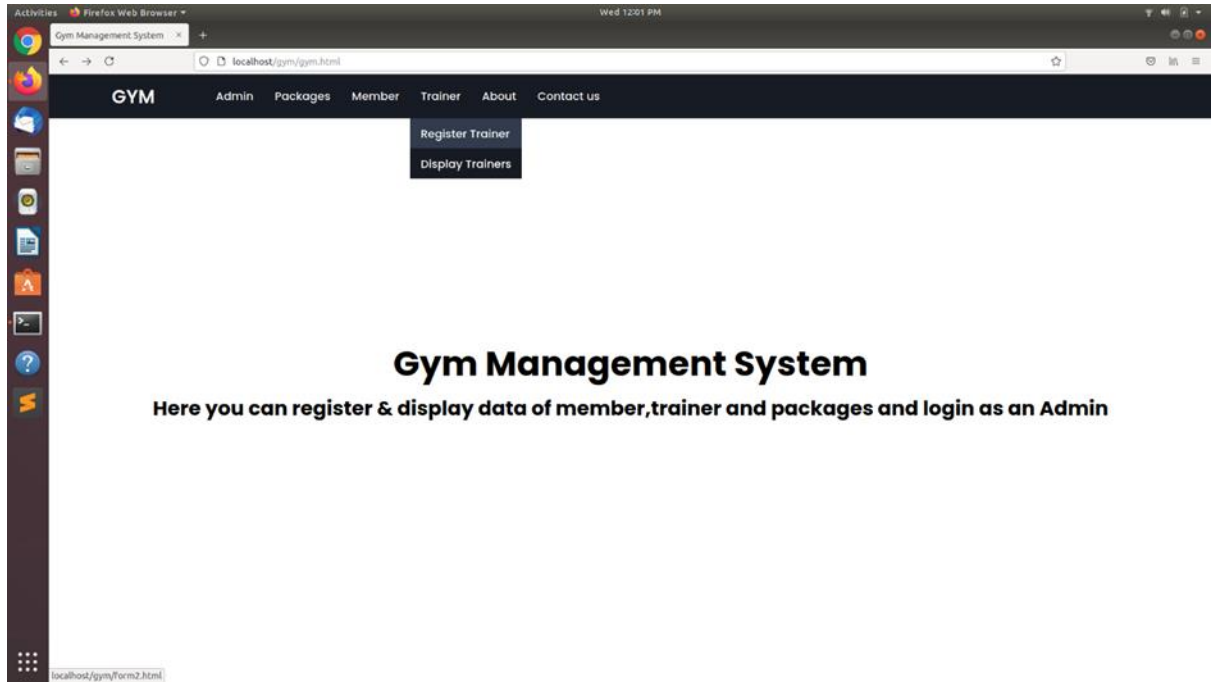

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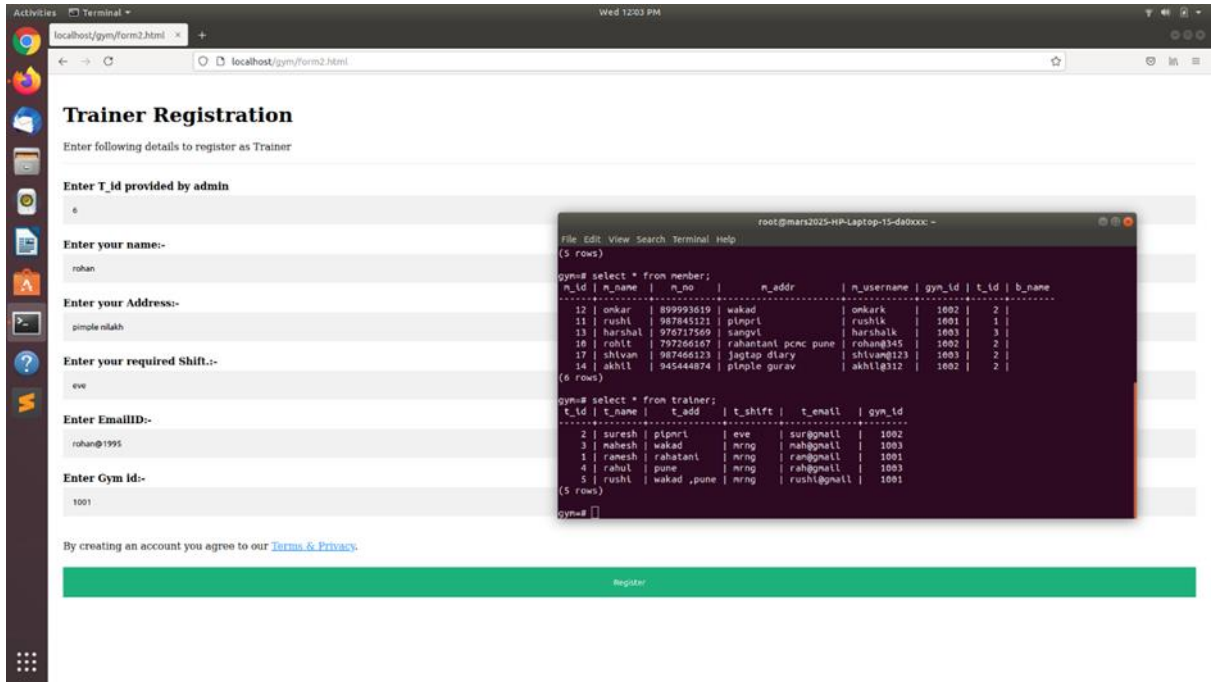

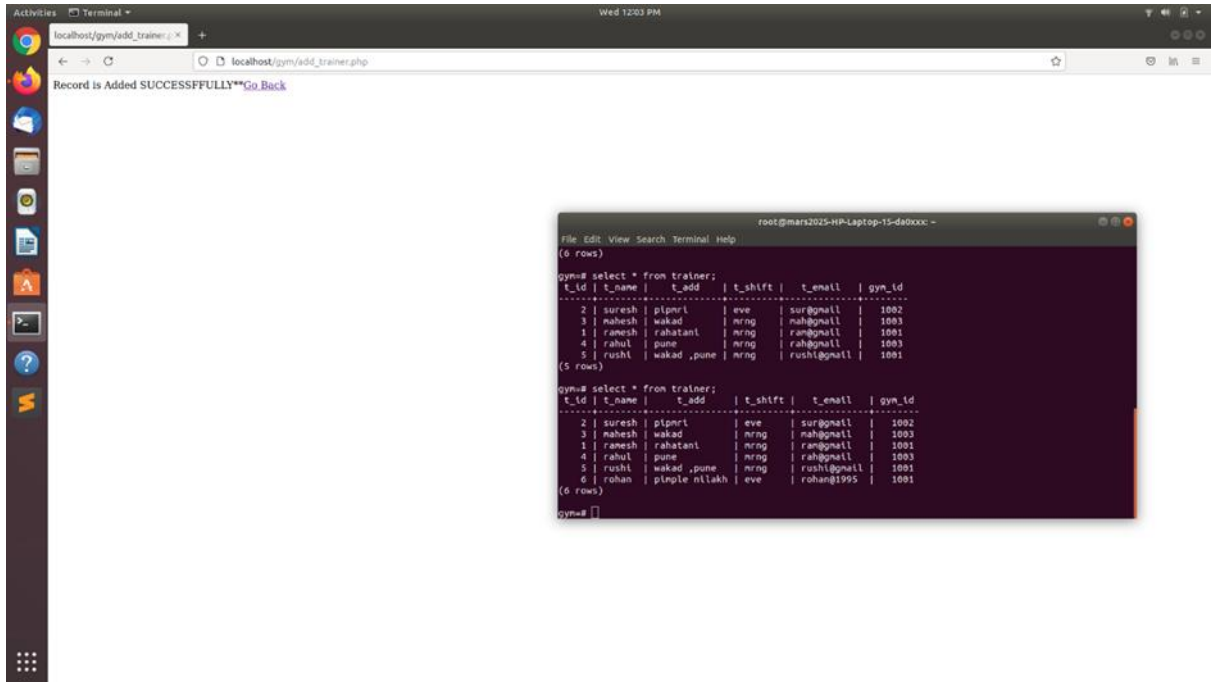

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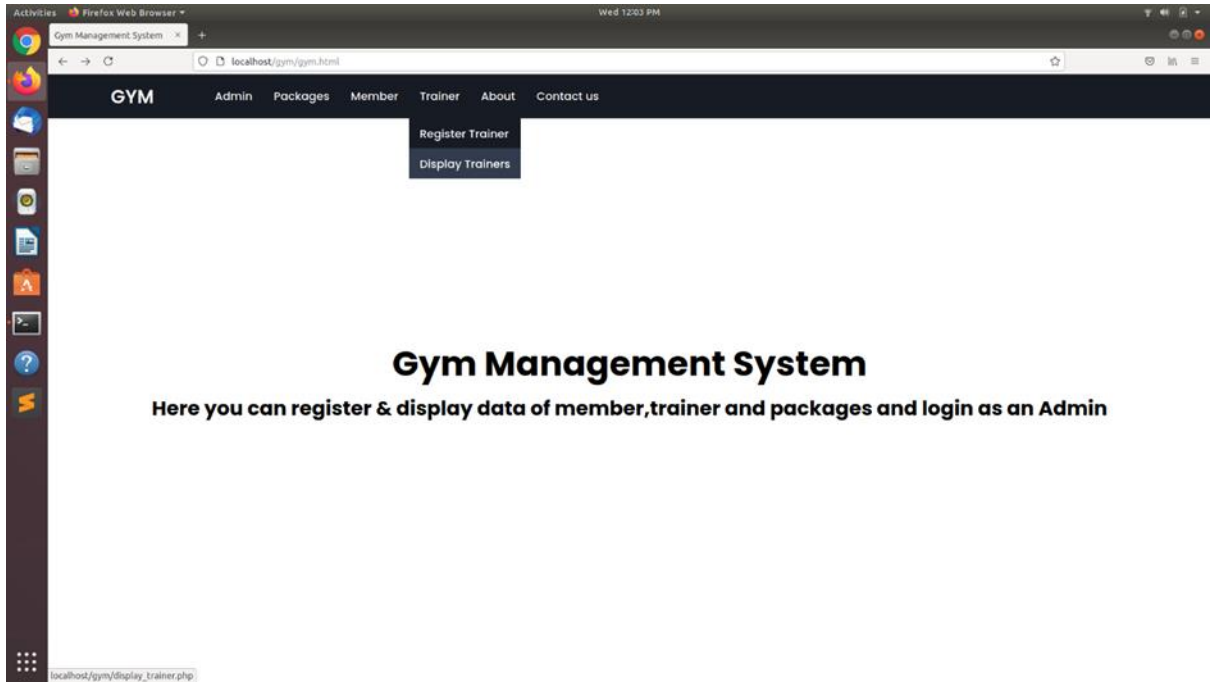

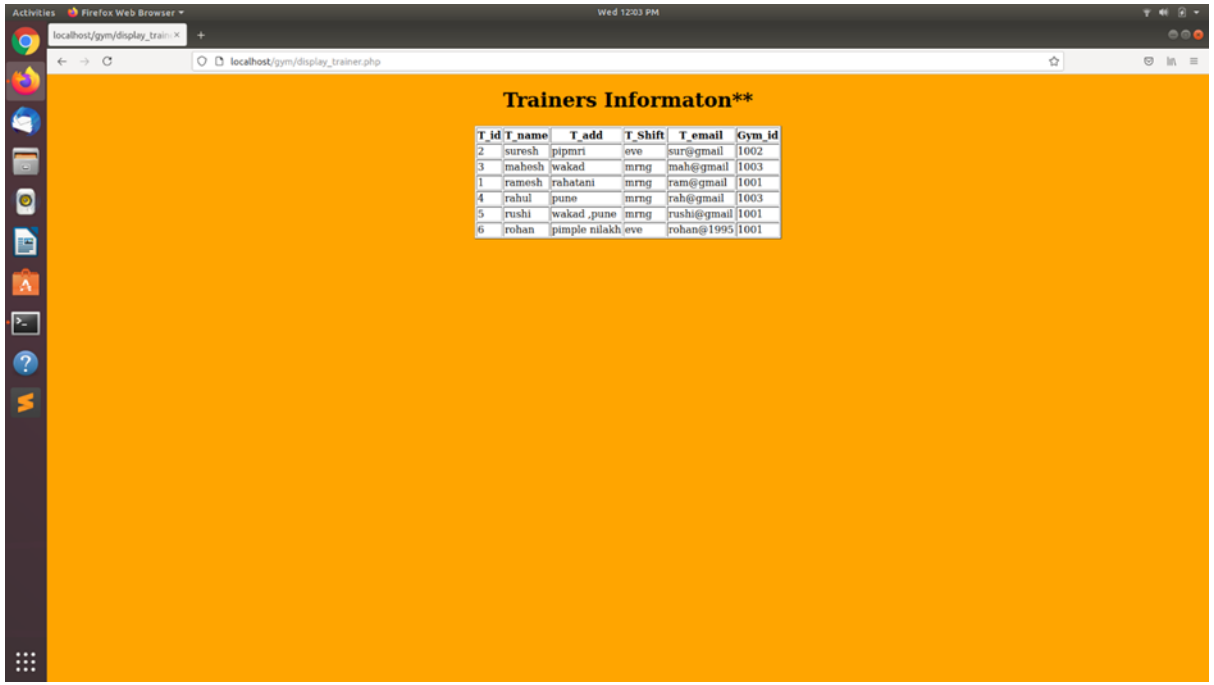

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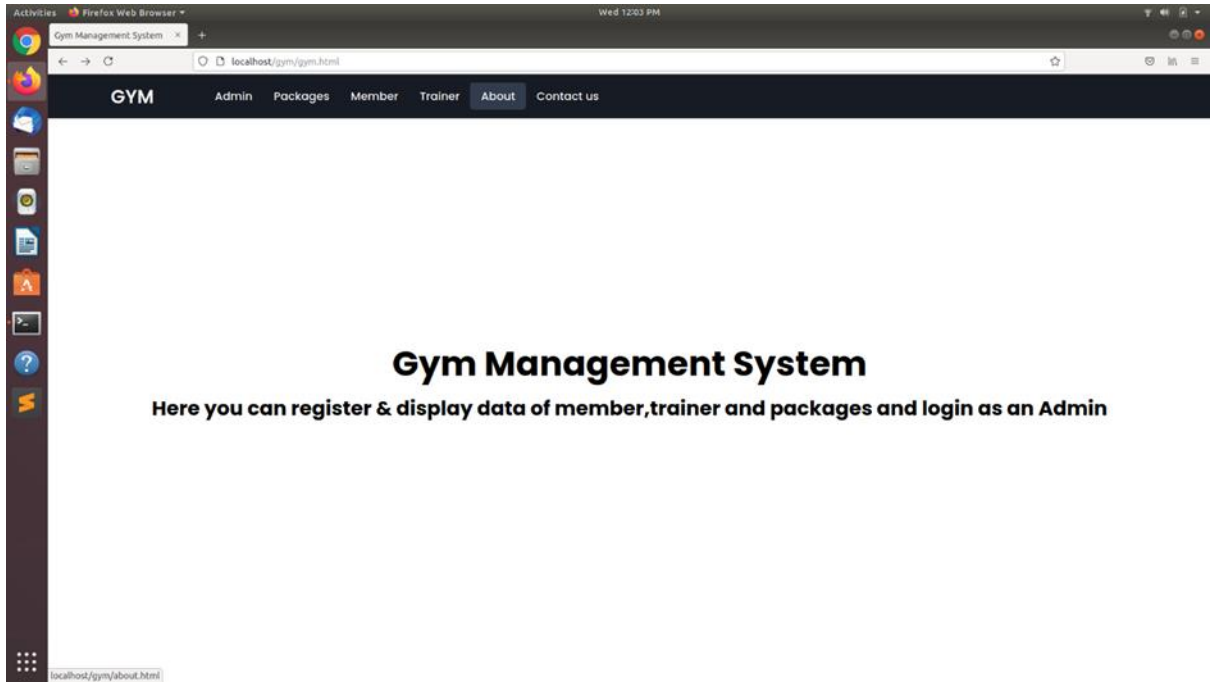

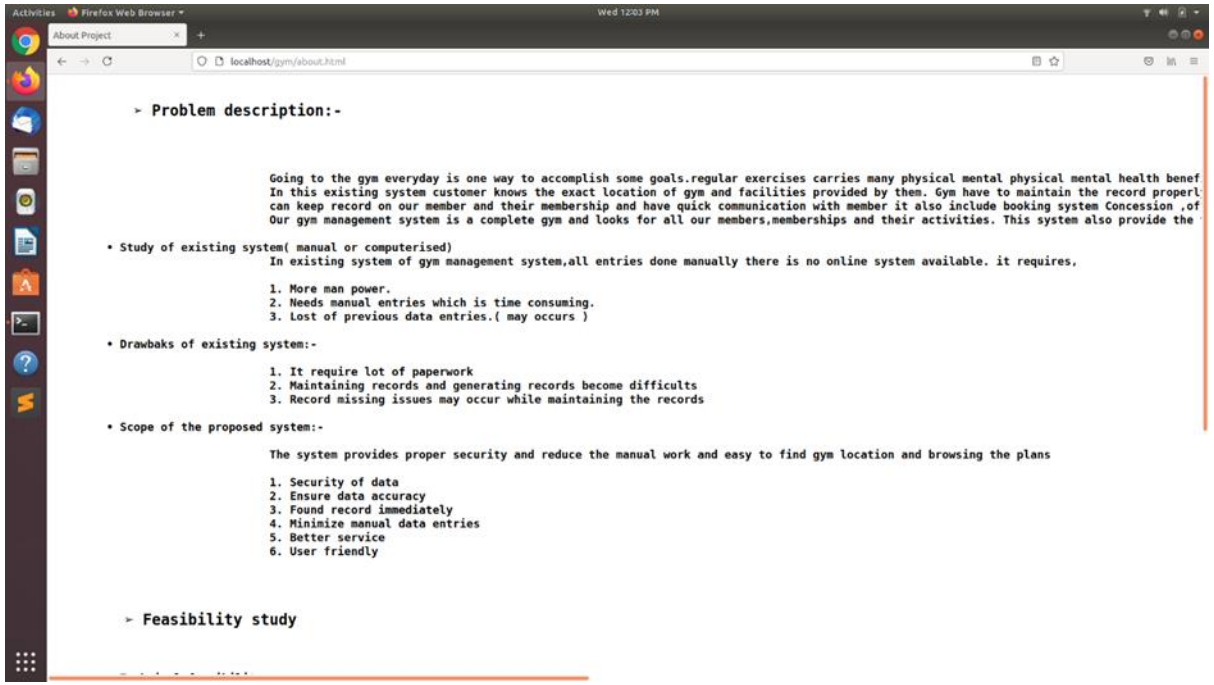

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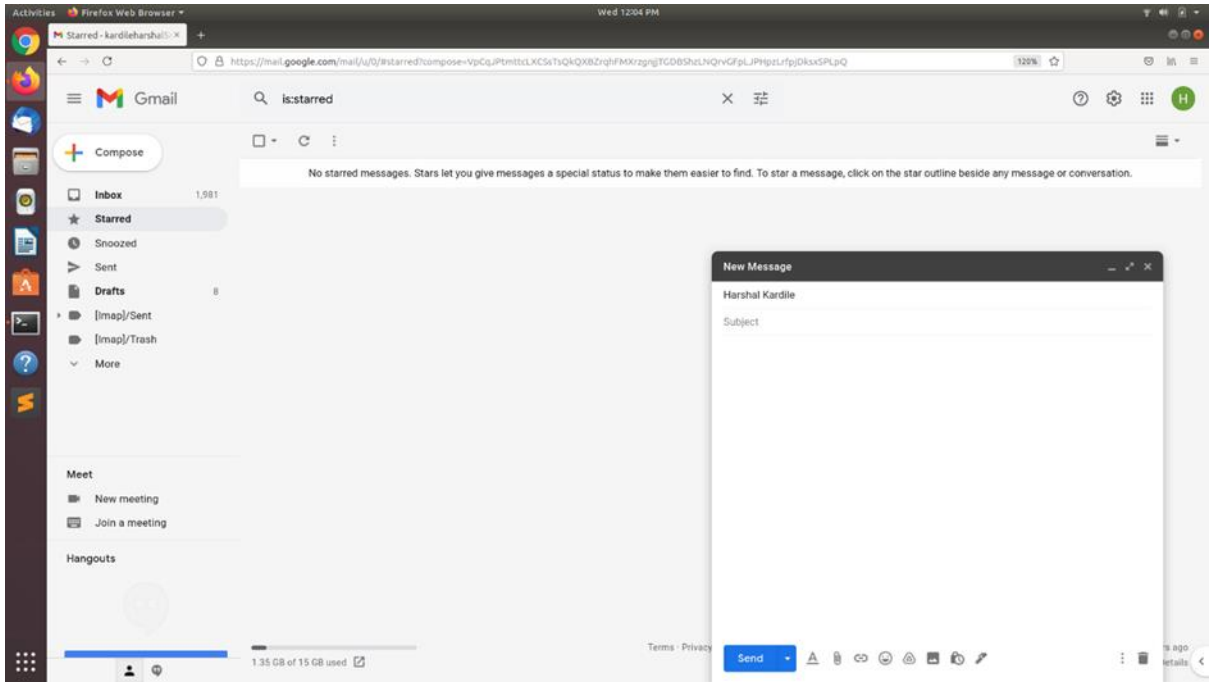

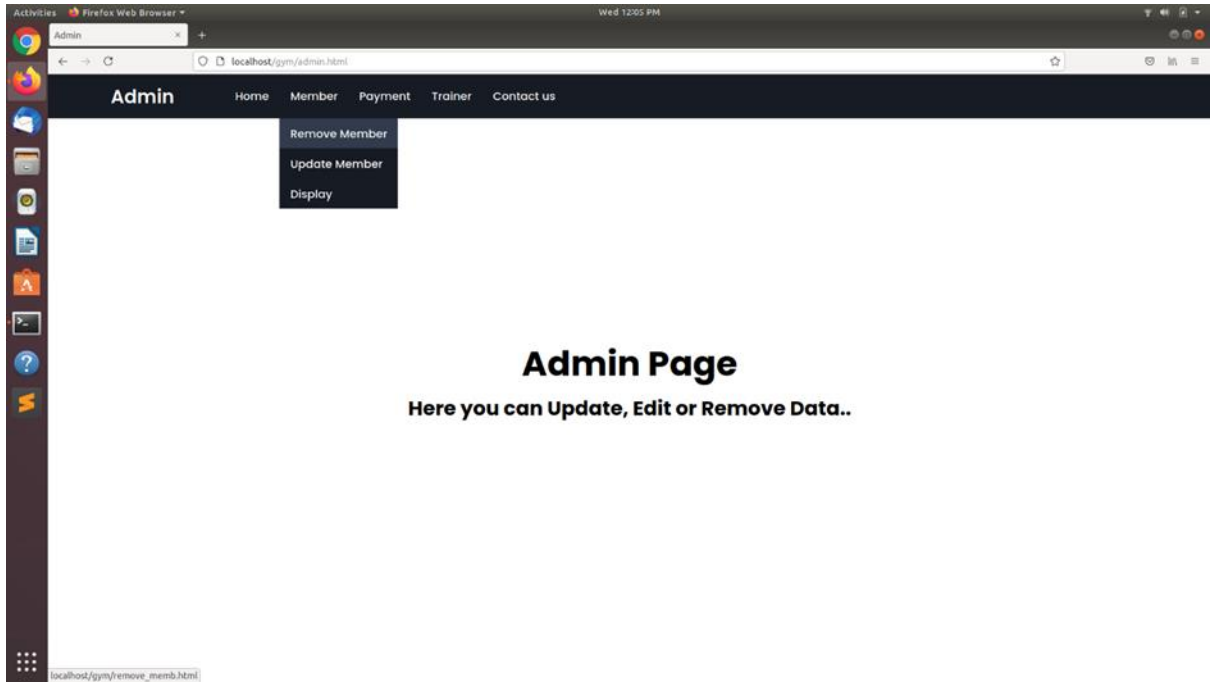

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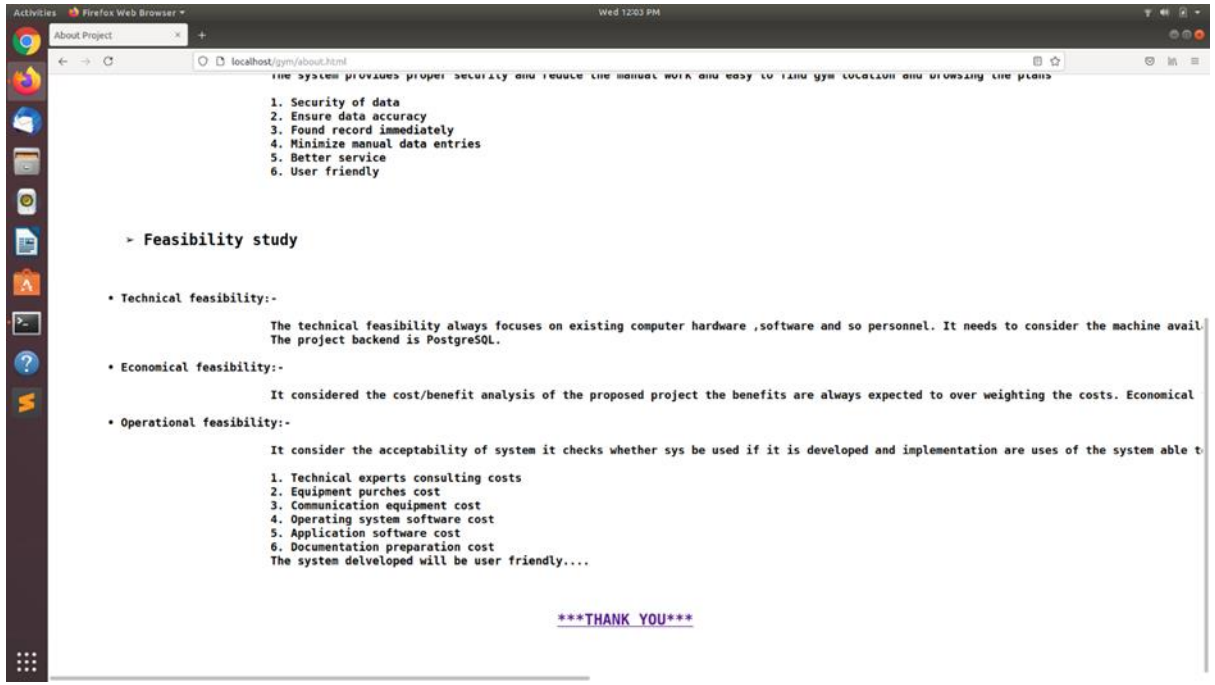

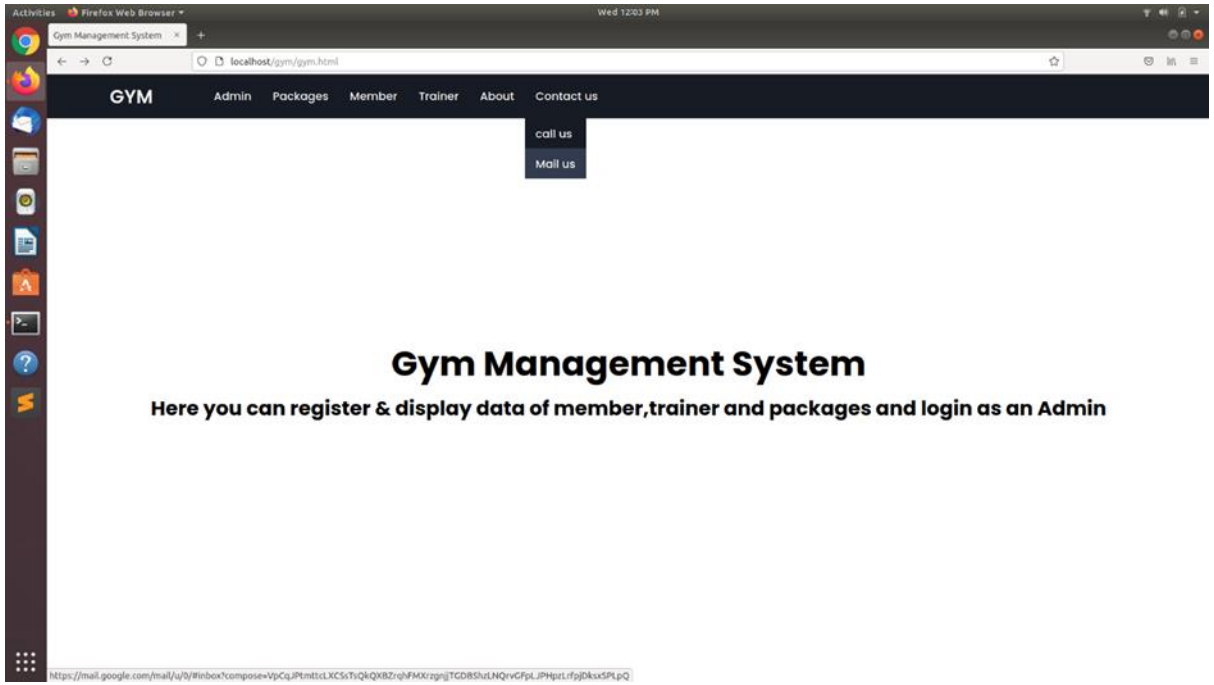

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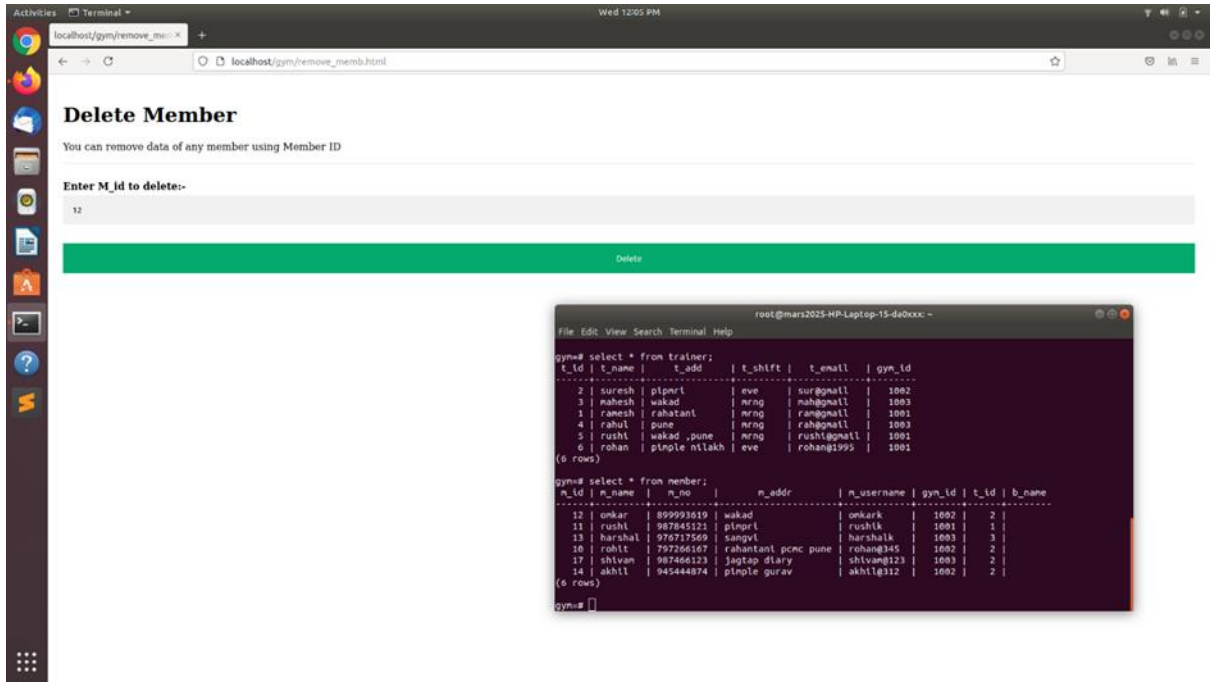

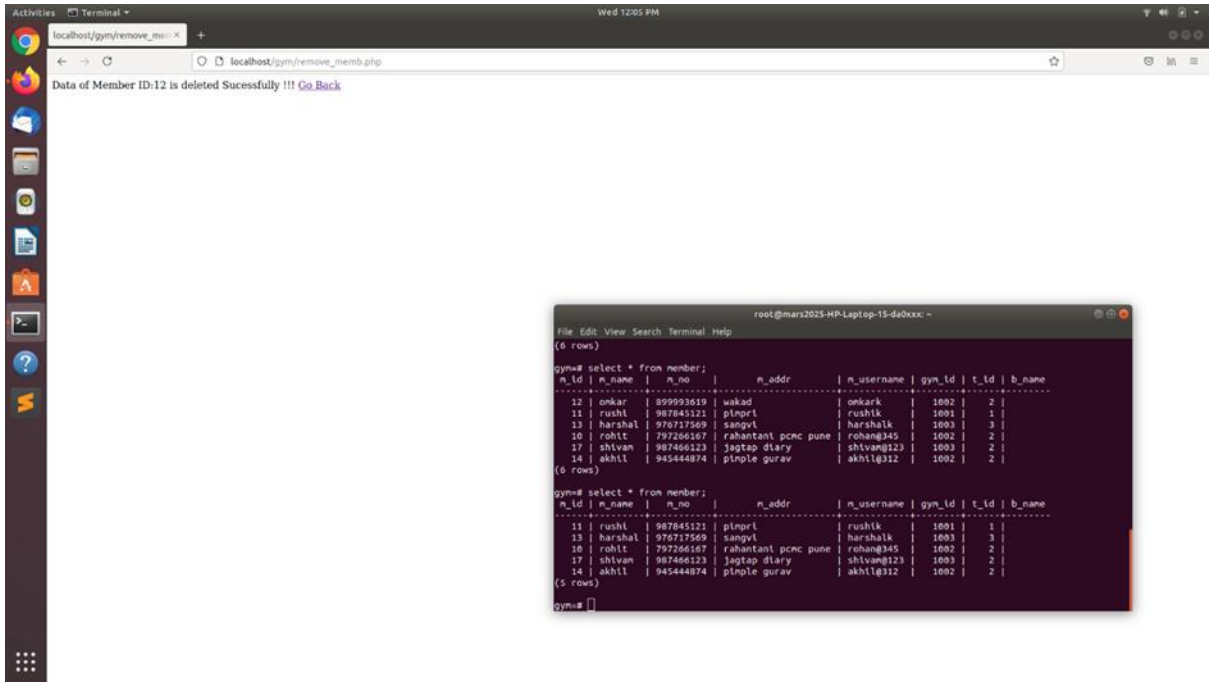

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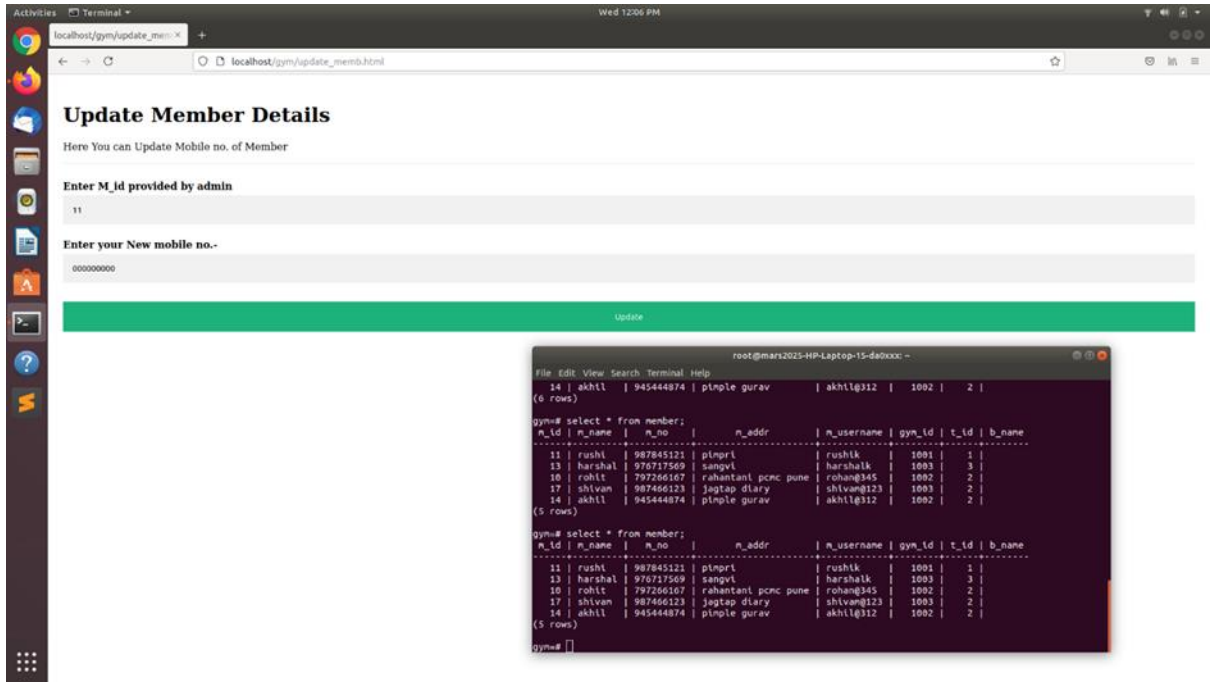

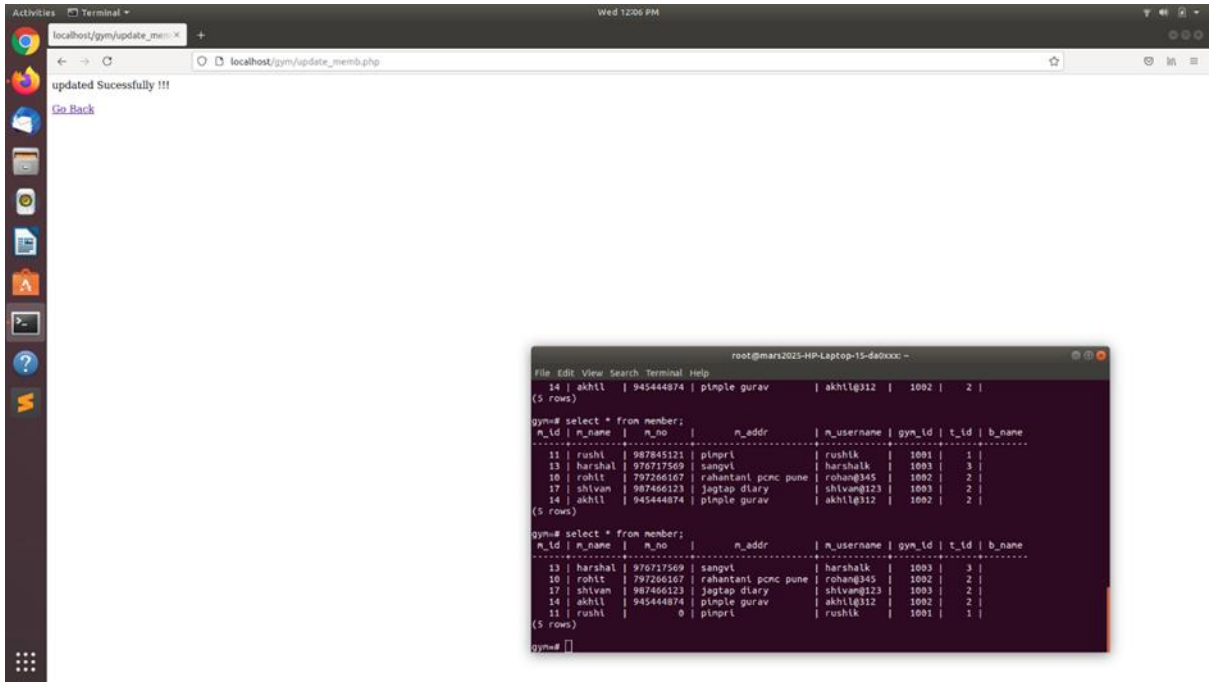

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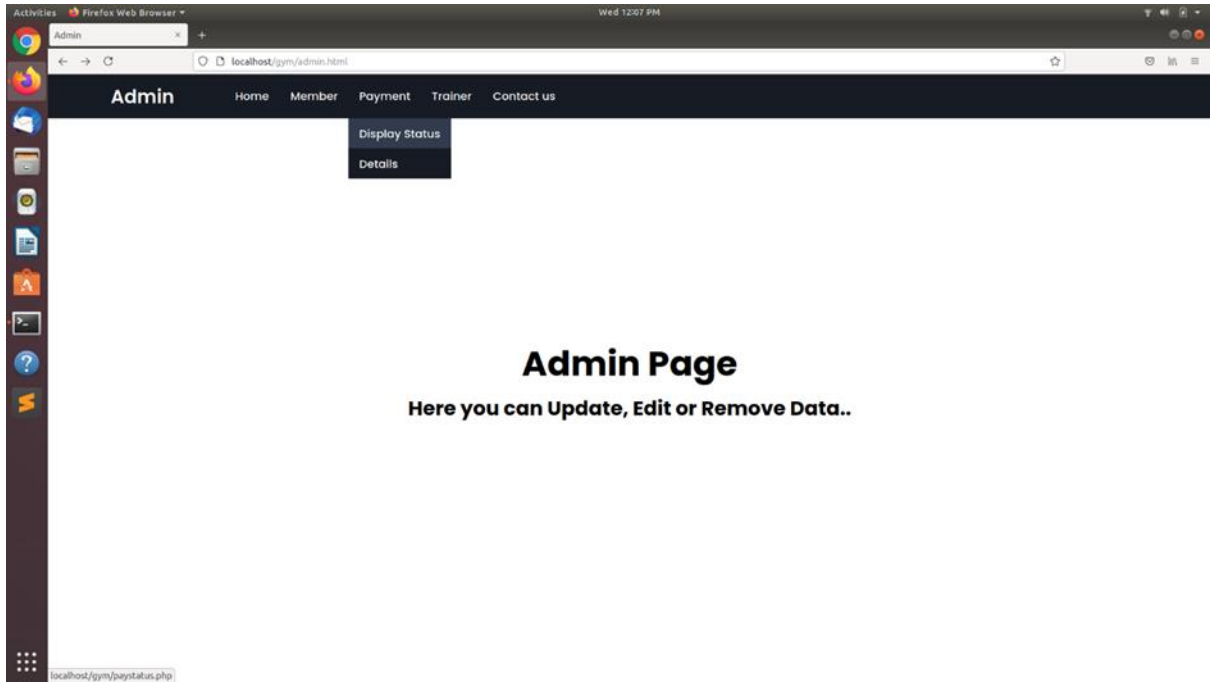

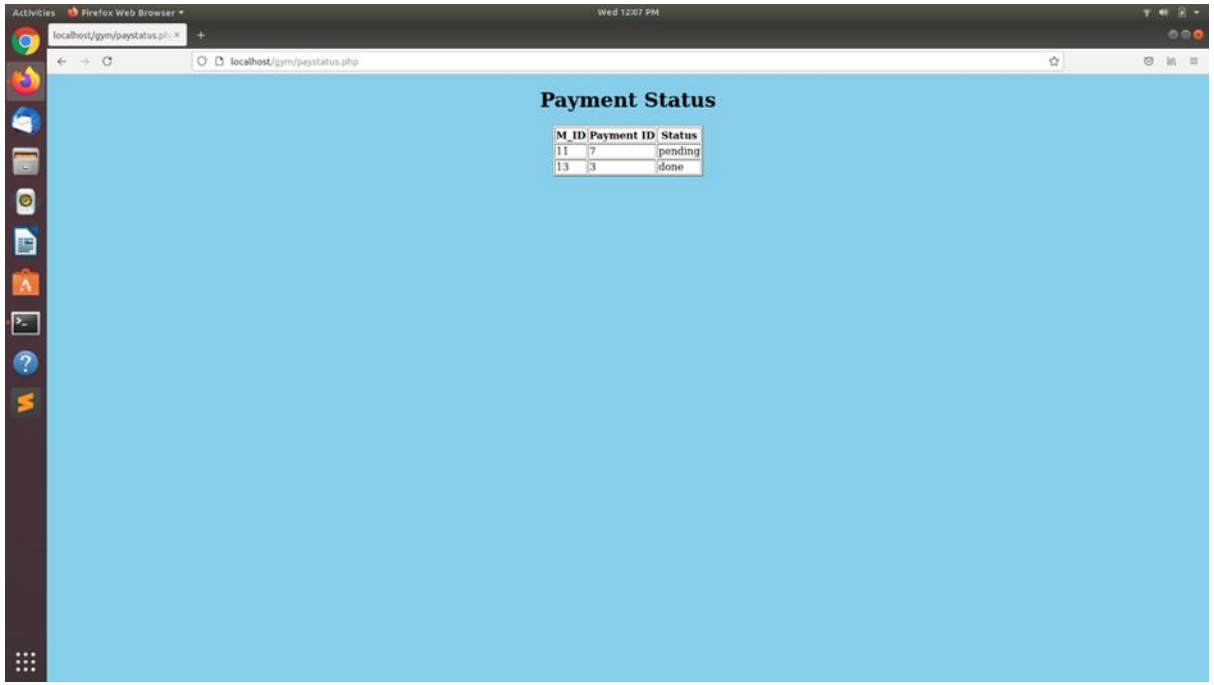

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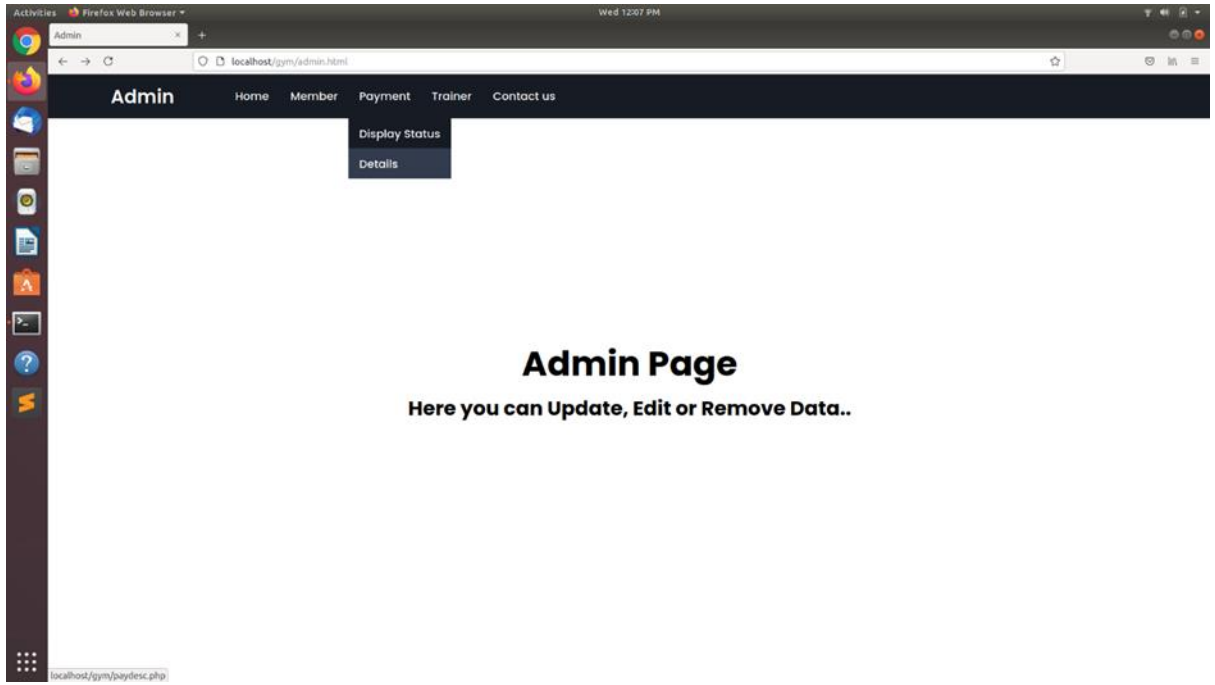

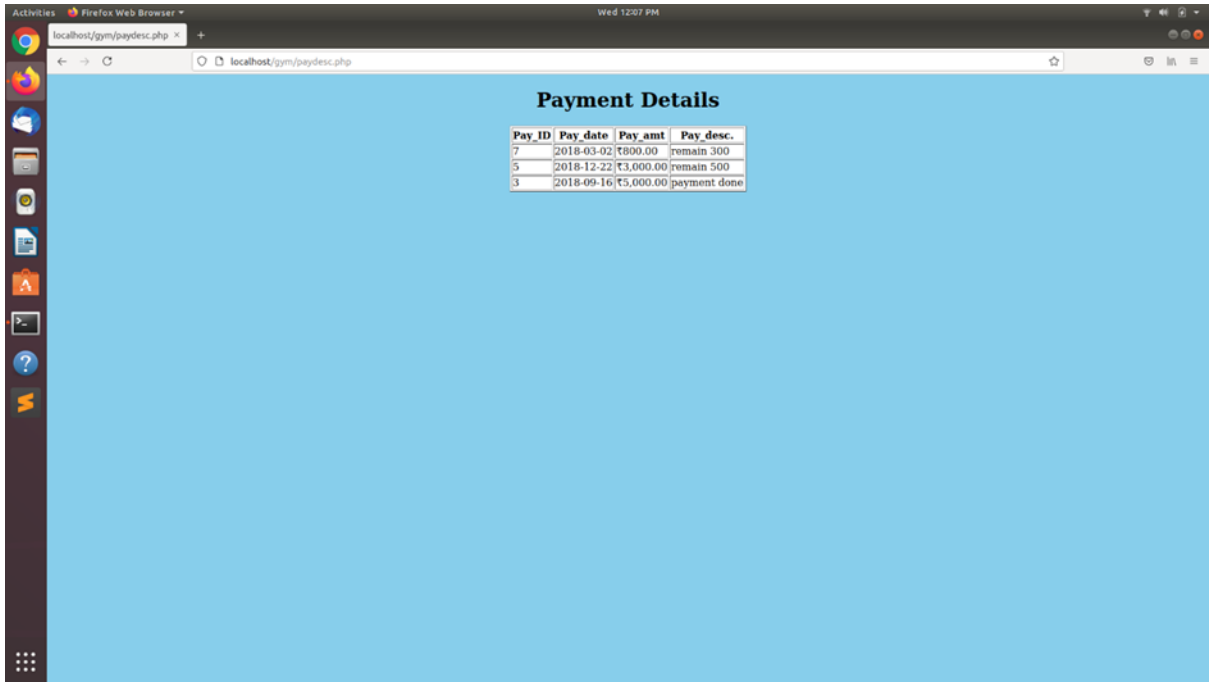

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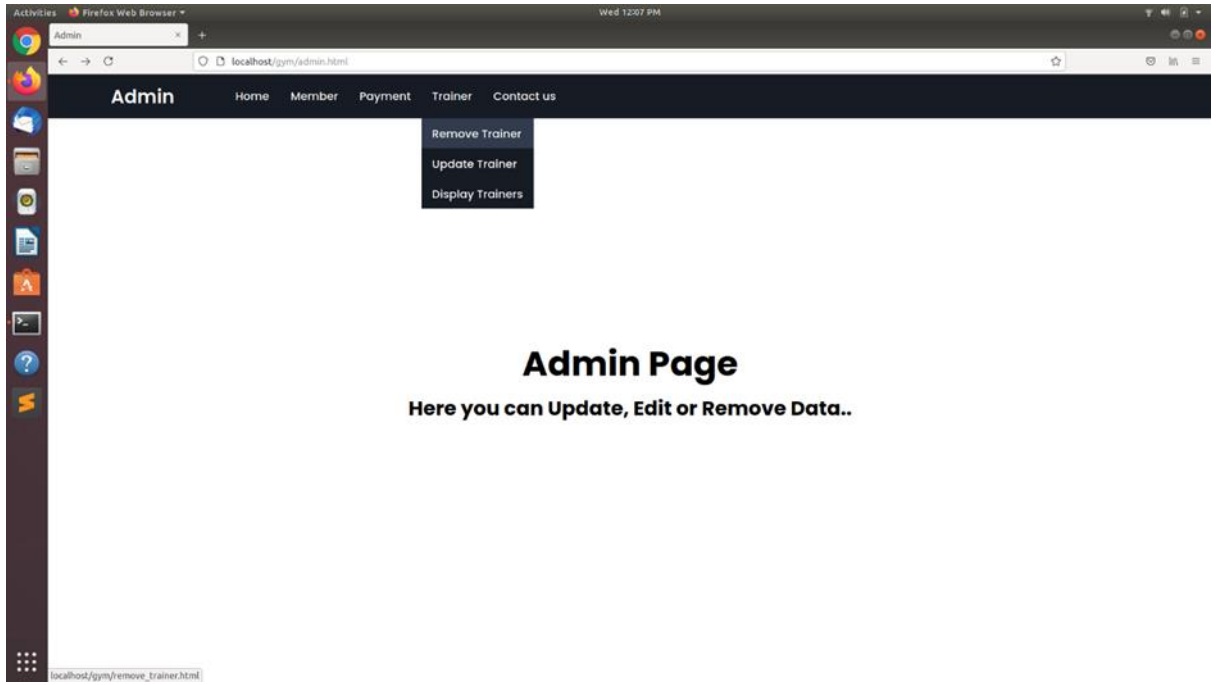

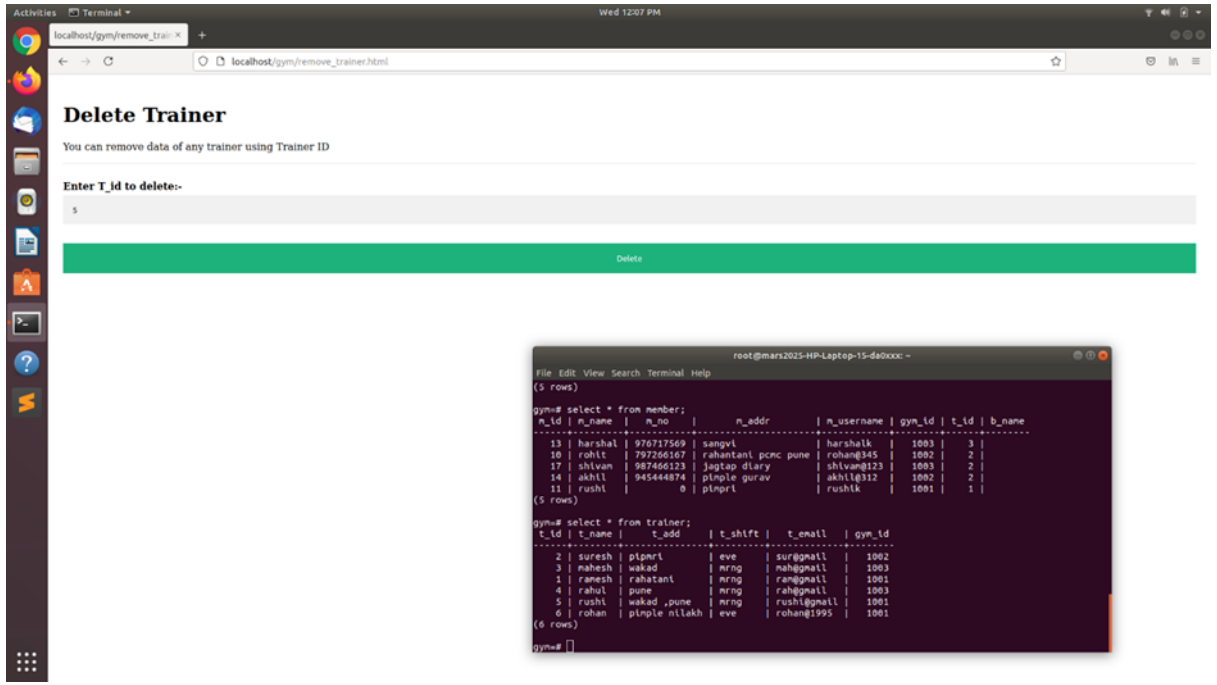

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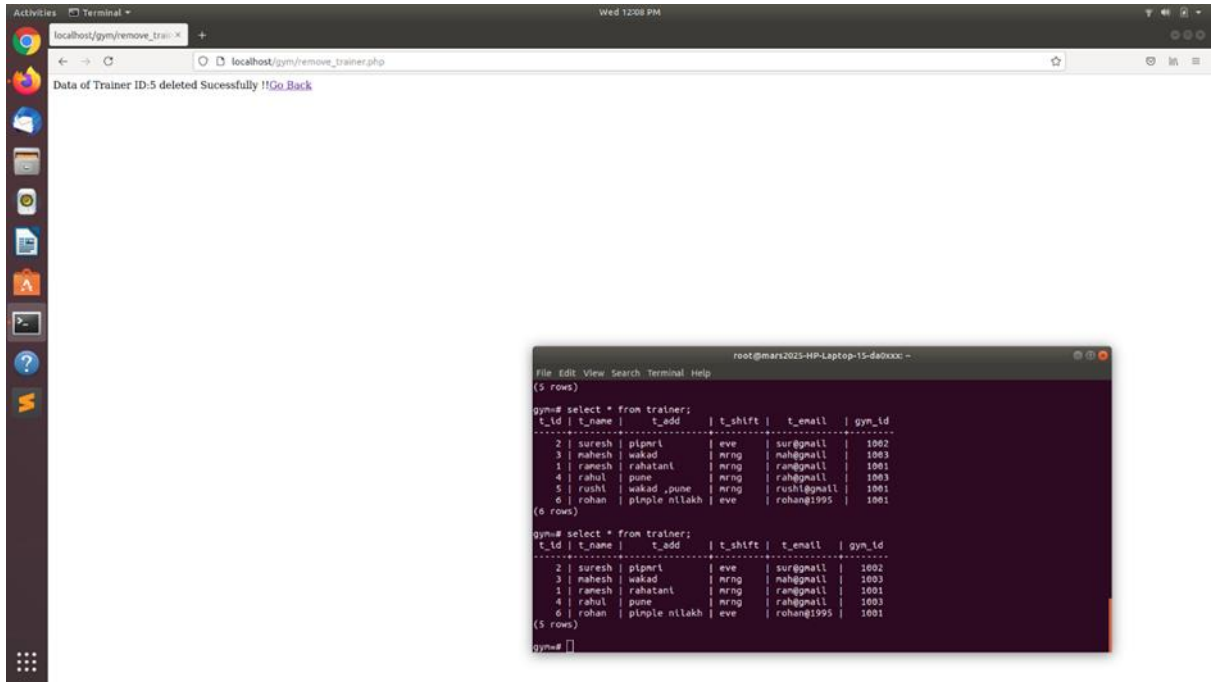

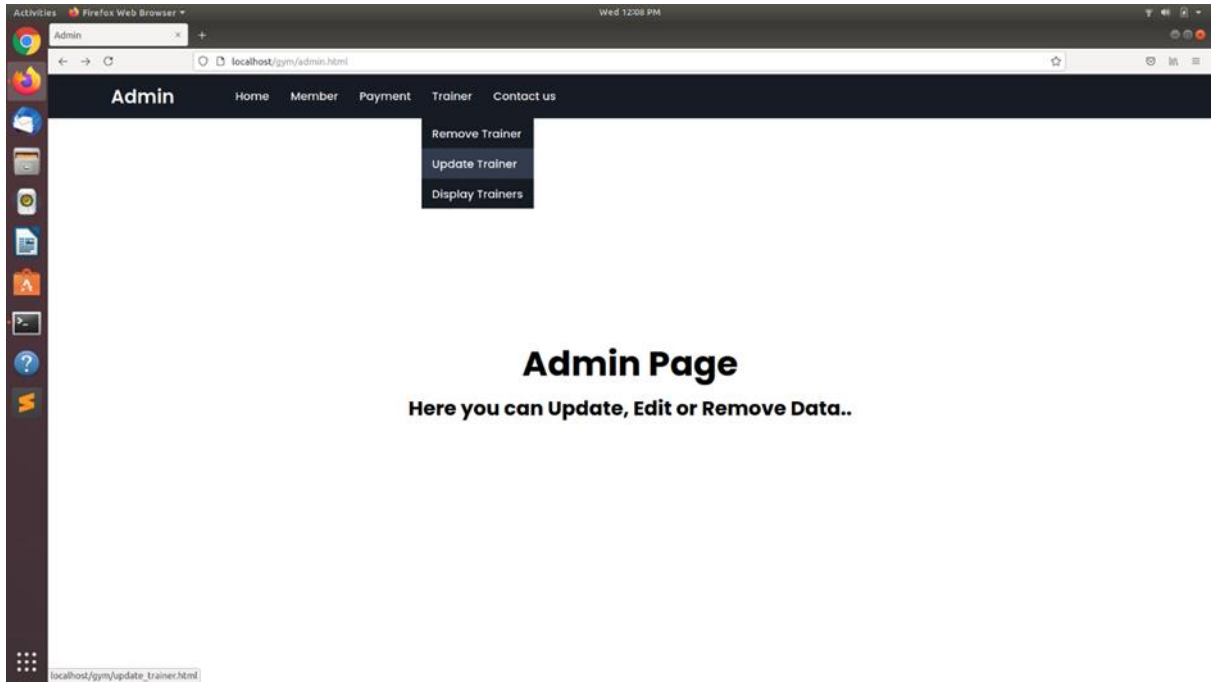

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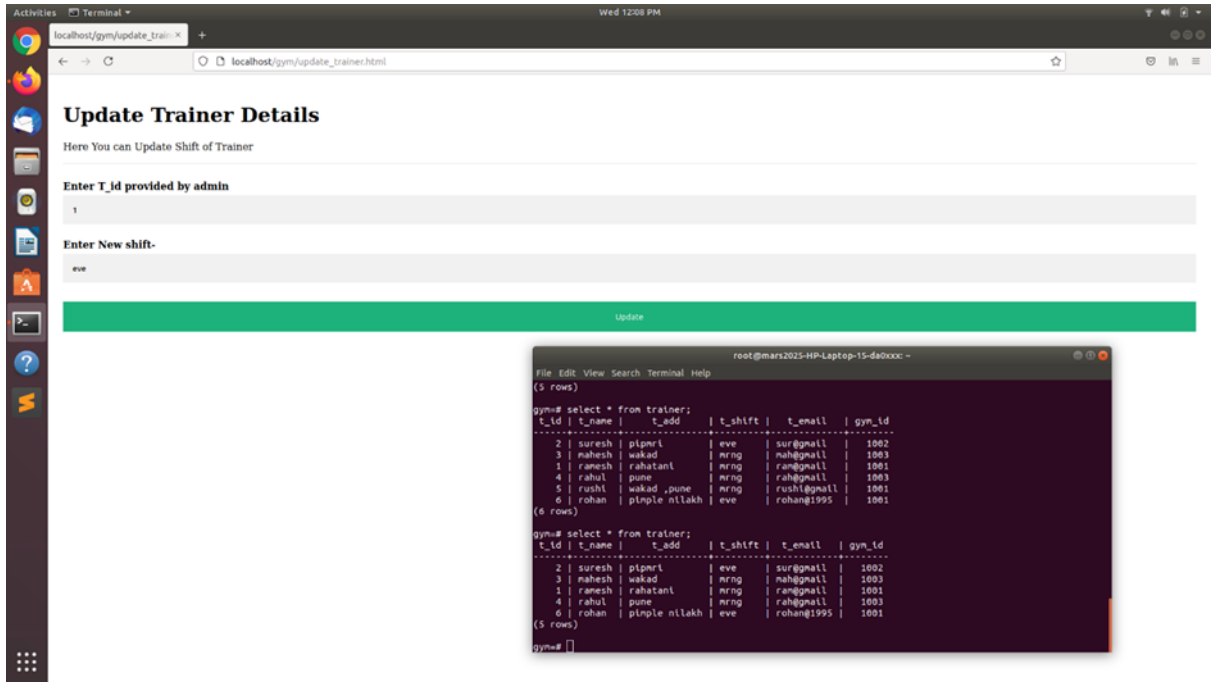

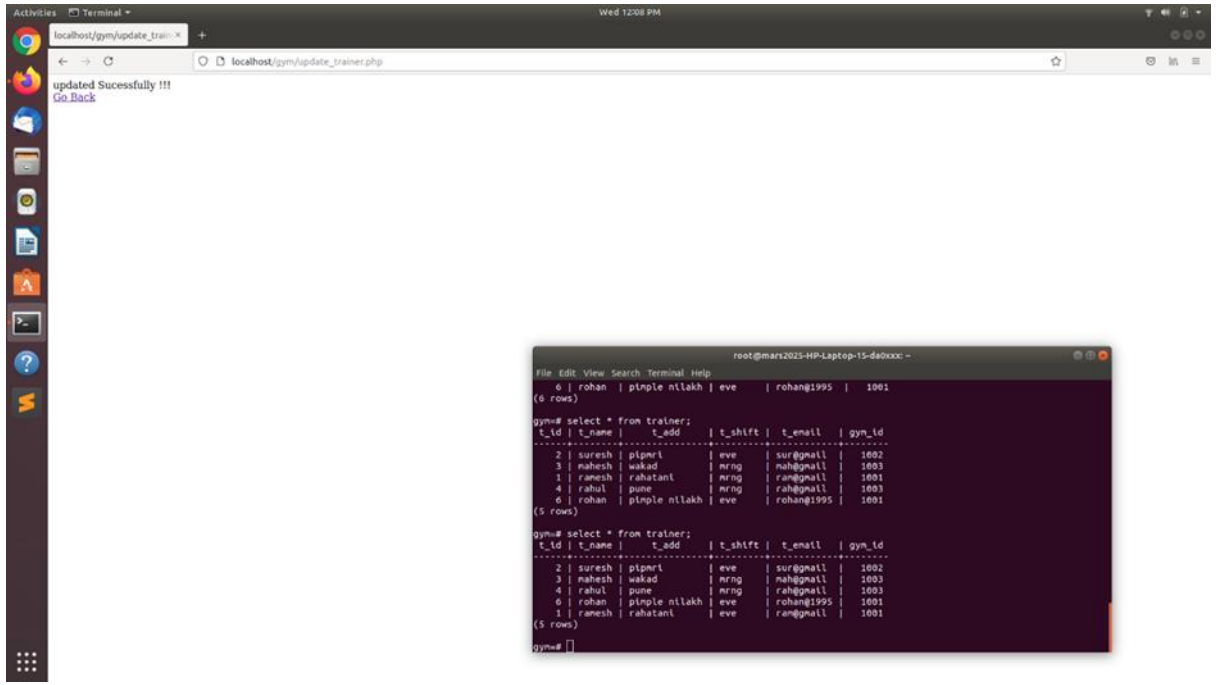

THANK YOU