A

PROJECT REPORT

ON

"LUCKY CYBER CAFÉ MANAGEMENT SYSTEM"

FOR

LUCKY CYBER CAFE

BY

Ms. MONIKA

(Seat No: 23582)

SAVITRIBAI PHULE PUNE UNIVERSITY

MASTER OF COMPUTER APPLICATION

Reaching New Heights
IICMR
Inst. Code: MC-6154

ATSS's INSTITUTE OF INDUSTRIAL AND COMPUTER MANAGEMENT AND RESEARCH

NIGDI, PUNE 411044

Batch 2020-2022

Project Completion Certificate

TO WHOMSOEVER IT MAY CONCERN

This is to certify the project entitled "Lucky Cyber Café" with Lucky Café is a bonafide work done by Miss Monika a student of MCA department at IICMR, nigri Pune.

She has completed this project from 6 July 2022 to 26 August 2022.

We wish her best for her future.

Name: Ketan Khandelwal

Title: Lucky Cyber Café

Signature:

CERTIFICATE

This is to certify that Ms. Monika, bearing Seat no.: 23582 have developed Software project titled Lucky Cyber Cafe Management System as a partial Fulfillment for the award of the Degree of MCA.

Prof. Renu Mathew
HEAD OF DEPARTMENT

Dr. Deepali Sawai
DIRECTOR,
IICMR, Nigdi Pune

EXTERNAL

Declaration

To

The Director,
IICMR,
Nigdi,
Pune-44

Respected Mam,

I, Miss Monika hereby declare that the project entitled "Lucky Internet Cafe Management System" developed and submitted under the guidance of Mrs. Preetha Praseedh, is my original work.

The system presented here is my own work and has not been duplicated from any other sources.

Thank You,

Yours Sincerely,
Monika

ACKNOWLEDGMENT

I would like to express my thanks and gratitude to the following people to whom I am grateful for their support and help without which I would not have been able to do this project entitled "Lucky Cyber Cafe Management System".

I would like to thank Dr. Deepali Sawai, Director, for providing us with excellent facilities and valuable guidance. I would like to express my profound and sincere gratitude to Prof. Renu Mathew, H.O.D., who has given all his cooperation and help to complete this project.

My special thanks to Mrs. Preetha Praseedh my Project Guide, for her constant motivation and valuable help through the project work.

Last but not least, I am thankful to all teaching and Non-teaching staff of the college, whose names has not been mentioned here but have directly or indirectly, helped me in the completion of this project.

Monika

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Chapter 1

INTRODUCTION

1.1. Company Profile

Lucky Cyber Cafe is a local shop which provide different facilities like:
Use PC for limited time for net surfing, game, or any other work. It also provides other facilities like Print-out (black & white, colored), scanning documents and chips.
User wants this system to do things easily and fast in automated form.
Our system will help in:
To keep track of all computer whether its vacant or occupied.

- To help in dealing with user login and logout time and add their charges as computer sales.
- To allow regular users to book slots in advance.
- To let owner, get all sales detail in pdf or word form.
- To keep track of regular customers in member list so that they can give more benefits to them.
- To maintain yearly reports of all transactions.

1.2. ABSTRACT

Computers have become a way of life for today's high society. Many aspects of modern life that we have come to accept as common place would not be possible if there were no computers. Today computers are used extensively in many areas of business, industry, science, education etc.

The major advantage of computer is its speed that makes it able to give some useful information very quickly. This speed also opens new

approaches to problem solving and data processing. Another feature is its accuracy. Though the computers do only what is instructed at every instant, these instructions are taken into account and accurate information's are produced. Computer can hold data and instruction in an electronic representation in internal memory and this data can be retrieved at any time.

The project entitled "Lucky Cyber Cafe" is a software package, which can be used in cyber cafes for managing the clients' computer efficiently. Now a day's cyber terrorism, which is mainly undergone through internet cafés, need to be tackled properly. Thereby, it is indeed necessary to store the valid information of the user who comes for internet access.

Lucky Cyber Cafe Management System is software for operating Internet Cafe, Cyber Cafe, Game Center, Gaming Cafe and PC rental Cafe shop. It has been designed for use in an Internet coffee shop, cafe management, billing, although it can be used for intranet PC controlling. Cyber Cafe Management System is a real-time way

to manage the client machines via monitoring and locking in order to process PC rentals which includes the ability to fully control and charge for printing.

1.3. ABOUT THE EXISTING SYSTEM

There is no existing system where owner can manage the Cyber Cafe related tasks online. Presently most of the functions in the Cyber Cafe are done manually. The owner records the details of the customer, login and logout time and has to calculate the amount. Our aim is to create system where owner can manage all information of computer and customer in automated form.

Need of Proposed System

- The proposed system will help owner to manage vacant and occupied computers.
- This system will help customer to book vacant computers.
- The proposed system will help user by providing a user-friendly interface to easily manage daily sales in cyber cafe.
- The proposed system will rectify the defects of existing system.
- With the help of this system user will add regular customer to his member list to give more benefits to them, like booking in advanced.

1.4. Scope of the proposed System

Login Module: Used for managing the login details.

Computer Module: It is related to managing computer details. (login & logout time)

User Module: Here customer will book slot of vacant computers and can maintain his/her profile.

Admin Module: Here admin will accept request of customers and also admin will add different services provided by them.

Sales Module: This is related to manage daily sales, it includes both computer usage and other services like f&b.

Report Module: Here admin can get yearly reports, and can download it.

1.5. Hardware-Software Requirements

➢ Software requirements:

1. **Server-side S/W Requirements**
   - Web Browser: Firefox, Google Chrome
   - Operating System: Windows or any Equivalent OS
   - Database server: MySQL

2. **Client-side S/W Requirements**
   - Web browser: Internet Explorer 6 or any compatible browser
   - Operating System: Windows or any Equivalent OS

➢ Hardware requirements:

1. **Server-side S/W Requirements**
   - System: Dual Core or above
   - Processor: Intel i3 or above
   - RAM: Minimum 4GB
   - Operating System: Windows 7 or above

2. **Client-side S/W Requirements**
   - Monitor: 15VGA Color
   - Hard disk: Minimum 40 GB

1.6. Brief Description of Technology Used

1.6.1 Operating systems used (Windows or Unix)

Windows is a **graphical operating system** developed by Microsoft. It allows users to view and store files, run the software, play games, watch videos, and provides a way to connect to the internet. It was released for both home computing and professional works. Microsoft introduced the first version as 1.0.

It was released for both home computing and professional functions of Windows on **10 November 1983**. Later, it was released on many versions of Windows as well as the current version, Windows 10.

In 1993, the first business-oriented version of Windows was released, which is known as **Windows NT 3.1**. Then it introduced the next versions, **Windows 3.5**, **4/0**, and **Windows 2000**. When the XP Windows was released by Microsoft in 2001, the company designed its various versions for a personal and business environment. It was designed based on standard x86 hardware, like **Intel** and **AMD processor**. Accordingly, it can run on different brands of hardware, such as HP, Dell, and Sony computers, including home-built PCs.

Editions of Windows

Microsoft has produced several editions of Windows, starting with Windows XP. These versions have the same core operating system, but some versions included advance features with an additional cost. There are two most common editions of Windows:

1. Windows Home
2. Windows Professional

1.6.2 RDBMS/No Sql used to build database-mysql

MySQL is a widely used relational database management system

(RDBMS).MySQL is free and open-source.MySQL is ideal for both small and large applications.

MySQL tutorial provides basic and advanced concepts of MySQL. Our MySQL tutorial is designed for beginners and professionals.

MySQL is a relational database management system based on the Structured Query Language, which is the popular language for accessing and managing the records in the database. MySQL is open-source and free software under the GNU license. It is supported by Oracle Company.

Our MySQL tutorial includes all topics of MySQL database that provides for how to manage database and to manipulate data with the help of various SQL queries. These queries are: insert records, update records, delete records, select records, create tables, drop tables, etc. There are also given MySQL interview questions to help you better understand the MySQL database.

Chapter 2

Proposed System

2.1 Feasibility Study

Preliminary investigation examine project feasibility, the likelihood the system will be useful to the organization. The main objective of the feasibility study is to test the Technical, Operational and Economical feasibility for adding new modules and debugging old running system. All system is feasible if they are unlimited resources and infinite time. There are aspects in the feasibility study portion of the preliminary investigation:

1. Technical Feasibility
2. Operation Feasibility
3. Economical Feasibility

Technical Feasibility

The technical issue usually raised during the feasibility stage of the investigation includes the following:
Does the necessary technology exist to do what is suggested?
Do the proposed equipment's have the technical capacity to hold the data required to use the new system?
Will the proposed system provide adequate response to inquiries, regardless of the number or location of users?
Can the system be upgraded if developed?
Are there technical guarantees of accuracy, reliability, ease of access and data security?
Earlier no system existed to cater to the needs of 'Secure Infrastructure Implementation System'. The current system developed is technically feasible. It is a web based user interface for audit workflow at NIC-CSD. Thus it provides an easy access to the users. The database's purpose is to create, establish and maintain a workflow among various entities in order to facilitate all concerned users in their various capacities or roles. Permission to the users would be granted based on the roles specified. Therefore, it provides the technical guarantee of accuracy, reliability and security. The software and hard requirements for the development of this project are not many and are already available in-house at NIC or are available as free as open source. The work for the project is done with the current equipment and existing software technology. Necessary bandwidth exists for providing a fast feedback to the users irrespective of the number of users using the system.

Operational Feasibility

Proposed projects are beneficial only if they can be turned out into information system. That will meet the organization's operating requirements. Operational feasibility aspects of the project are to be taken as an important part of the project implementation. Some of the important issues raised are to test the operational feasibility of a project includes the following: -

Is there sufficient support for the management from the users?

Will the system be used and work properly if it is being developed and implemented?

Will there be any resistance from the user that will undermine the possible application benefits?

This system is targeted to be in accordance with the above-mentioned issues. Beforehand, the management issues and user requirements have been taken into consideration. So there is no question of resistance from the users that can undermine the possible application benefits.

The well-planned design would ensure the optimal utilization of the computer resources and would help in the improvement of performance status.

Economic Feasibility

A system can be developed technically and that will be used if installed must still be a good investment for the organization. In the economical feasibility, the development cost in creating the system is evaluated against the ultimate benefit derived from the new systems. Financial benefits must equal or exceed the costs.

The system is economically feasible. It does not require any addition hardware or software. Since the interface for this system is developed using the existing resources and technologies available at NIC, There is nominal expenditureand economical feasibility for certain.

2.2 Objectives of Proposed System

- To keep track of all computer whether its vacant or occupied.
- To help in dealing with user login and logout time and add their

charges as computer sales.

- To allow regular users to book slots in advance.
- To let owner, get all sales detail in pdf or word form.
- To keep track of regular customers in member list so that they can give more benefits to them.
- To maintain yearly reports of all transactions.

2.3 Users of System

There are 2 users of this system:

1. User/Customer
2. Admin/Owner

- User/Customer: Customer are the user will book slots and use computers for different use.
- Admin: Admin are the vital part of this system where he manages the entire system such as adding customers, checking slot timings and adding all sales details.

Chapter-3
ANALYSIS AND DESIGN

3.1. System Requirements (Functional and Non-Functional requirements)

Requirements analysis is very critical process that enables the success of a system or software project to be assessed. Requirements are generally split into two types: *Functional* and *Non-functional requirements*.

Functional Requirements: These are the requirements that the end user specifically demands as basic facilities that the system should offer. All these functionalities need to be necessarily incorporated into the system as a part of the contract. These are represented or stated in the form of input to be given to the system, the operation performed and the output expected. They are basically the requirements stated by the user which one can see directly in the final product, unlike the non-functional requirements.

- **CUSTOMER:**

1. Customer Login

Description of feature

- This feature used by the user to login into system. A user must login with his username and password to the system after registration. If they are invalid, the user not allowed to enter the system.

Functional requirement

- Username and password will be provided after user registration is confirmed.
- Password should be hidden from others while typing it in the field

2. Register new customer

Description of feature

- A new user will have to register in the system by providing essential details in order to view the products in the system. The admin must accept a new user by unblocking him.

Functional requirement

- System must be able to verify and validate information.
- The system must encrypt the password of the customer to provide security.

3. Booking slot

Description of feature

- This feature used by the user to book slot into system. A user can book slots for next day after login to his account.

Functional requirement

- System must be able to verify and validate information.
- The system must able to book slots for vacant computers.

- ADMIN

1. Manage user

Description of feature

- The administrator can add user, delete user, view user and block user

2. Manage Computer

Description of feature

- The administrator can manage computer, slots and customers.

3.2 Entity Relationship Diagram (ERD)

- The relation upon the system is structure through a conceptual ER-Diagram, which not only specifics the existential entities but also the standard relations through which the system exists and the cardinalities that are necessary for thesystem state to continue.

- The entity Relationship Diagram (ERD) depicts the relationship between the data objects. The ERD is the notation that is used to conduct the date modelingactivity the attributes of each data object noted is the ERD can be described resign a data object description.

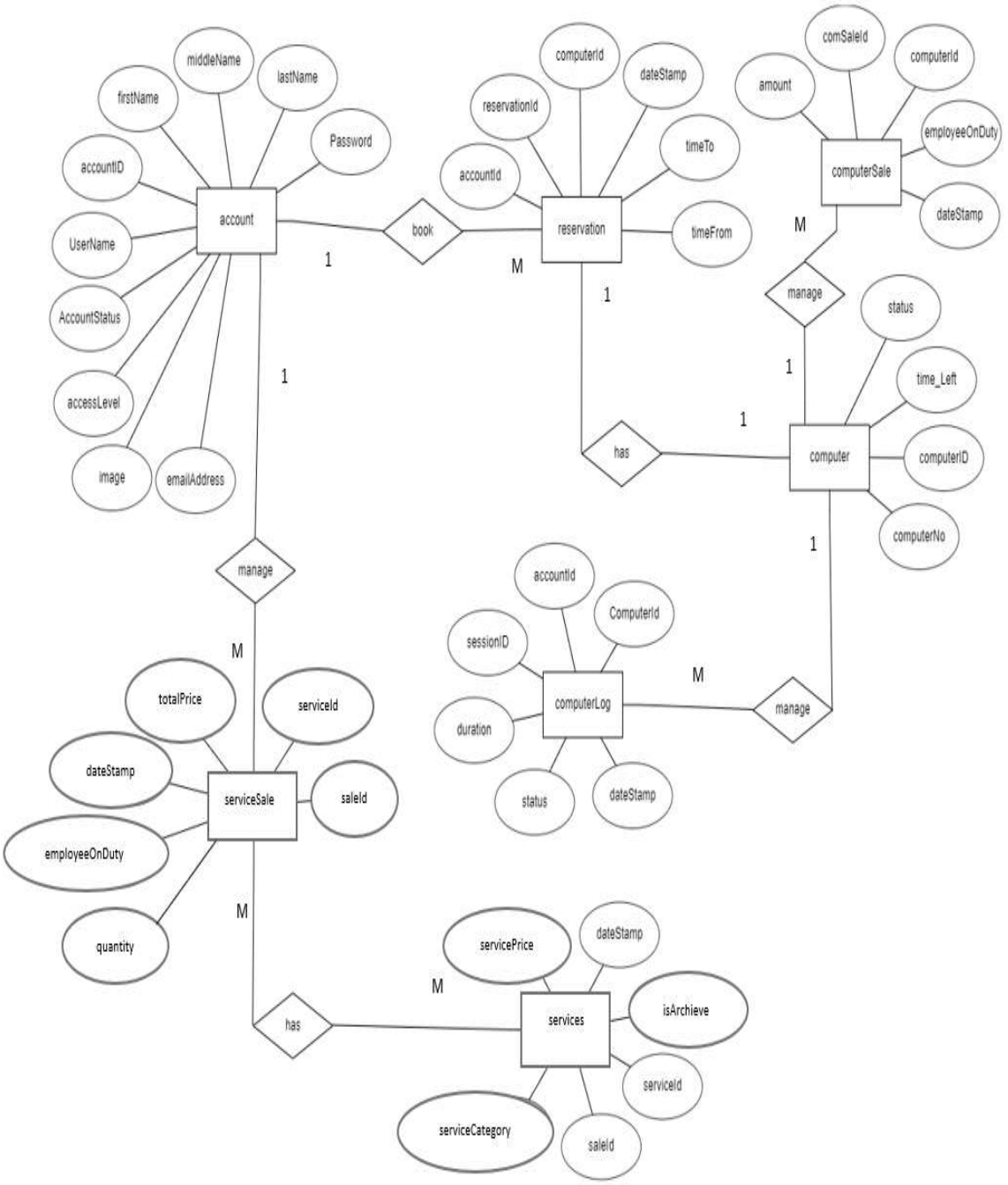
- The set of primary components that are identified by the ERD are:

    1. Data object
    2. Relationships
    3. Attributes

Various types of indicators.

The primary purpose of the ERD is to represent data objects and their relationships.
Following are the main components and its symbols in ER Diagrams:

- Rectangles: This Entity Relationship Diagram symbol represents entity types
- Ellipses: Symbol represent attributes
- Diamonds: This symbol represents relationship types
- Lines: It links attributes to entity types and entity types with other relationship types
- Primary key: attributes are underlined
- Double Ellipses: Represent multi-valued attributes


middleName
firstName
lastName
Password
accountID
account
UserName
AccountStatus
accessLevel
image
emailAddress
book
1
M
computerId
dateStamp
reservationId
accountId
timeTo
reservation
timeFrom
comSaleId
computerId
amount
employeeOnDuty
computerSale
dateStamp
M
manage
1
status
time_Left
1
has
computer
computerID
computerNo
1
1
manage
M
accountId
ComputerId
sessionID
computerLog
duration
status
dateStamp
M
manage
totalPrice
serviceId
dateStamp
serviceSale
saleId
employeeOnDuty
quantity
M
servicePrice
dateStamp
M
has
services
isArchieve
serviceId
serviceCategory
saleId

3.3 Table Structure

1. Accounts

Field	Type	Null	Key	Default	Extra
accountID	int(11)	NO	PRI	*NULL*	auto_increment
accessLevel	varchar(20)	NO		*NULL*	
accountStatus	varchar(15)	NO		unconfirmed	
lastName	varchar(50)	NO		*NULL*	
firstName	varchar(50)	NO		*NULL*	
middleName	varchar(50)	YES		*NULL*	
emailAddress	varchar(50)	NO		*NULL*	
userName	varchar(50)	NO		*NULL*	
password	varchar(255)	NO		*NULL*	
contactNo	varchar(20)	YES		*NULL*	
image	varchar(200)	YES		*NULL*	

2. Computer

Field	Type	Null	Key	Default	Extra
computerID	int(11)	NO	PRI	*NULL*	auto_increment
computerNo	varchar(10)	NO	UNI	PC	
status	varchar(50)	NO		Vacant	
timeLeft	time	YES		00:00:00	

3. Computerlog

Field	Type	Null	Key	Default	Extra
sessionID	int(11)	NO	PRI	*NULL*	auto_increment
accountID	int(11)	YES		*NULL*	
computerID	int(11)	YES		*NULL*	
dateStamp	date	NO		*NULL*	
timeStamp	timestamp	NO		current_timestamp()	
status	varchar(50)	NO		*NULL*	
duration	varchar(100)	YES		*NULL*	

4. Computersale

Field	Type	Null	Key	Default	Extra
comSaleID	int(11)	NO	PRI	*NULL*	auto_increment
computerID	int(11)	NO	MUL	*NULL*	
amount	int(11)	NO		*NULL*	
employeeOnDuty	varchar(100)	YES		*NULL*	
dateStamp	date	NO		*NULL*	

5. Reservation

Field	Type	Null	Key	Default	Extra
reservationID	int(11)	NO	PRI	*NULL*	auto_increment
computerID	int(11)	NO		*NULL*	
accountID	int(11)	NO		*NULL*	
timeFrom	varchar(20)	YES		*NULL*	
timeTo	varchar(20)	YES		*NULL*	
dateStamp	date	NO		*NULL*	

6. Services

Field	Type	Null	Key	Default	Extra
serviceID	int(11)	NO	PRI	*NULL*	auto_increment
serviceCategory	varchar(50)	NO		*NULL*	
serviceName	varchar(50)	NO		*NULL*	
servicePrice	int(11)	NO		*NULL*	
isArchived	tinyint(1)	NO		0	

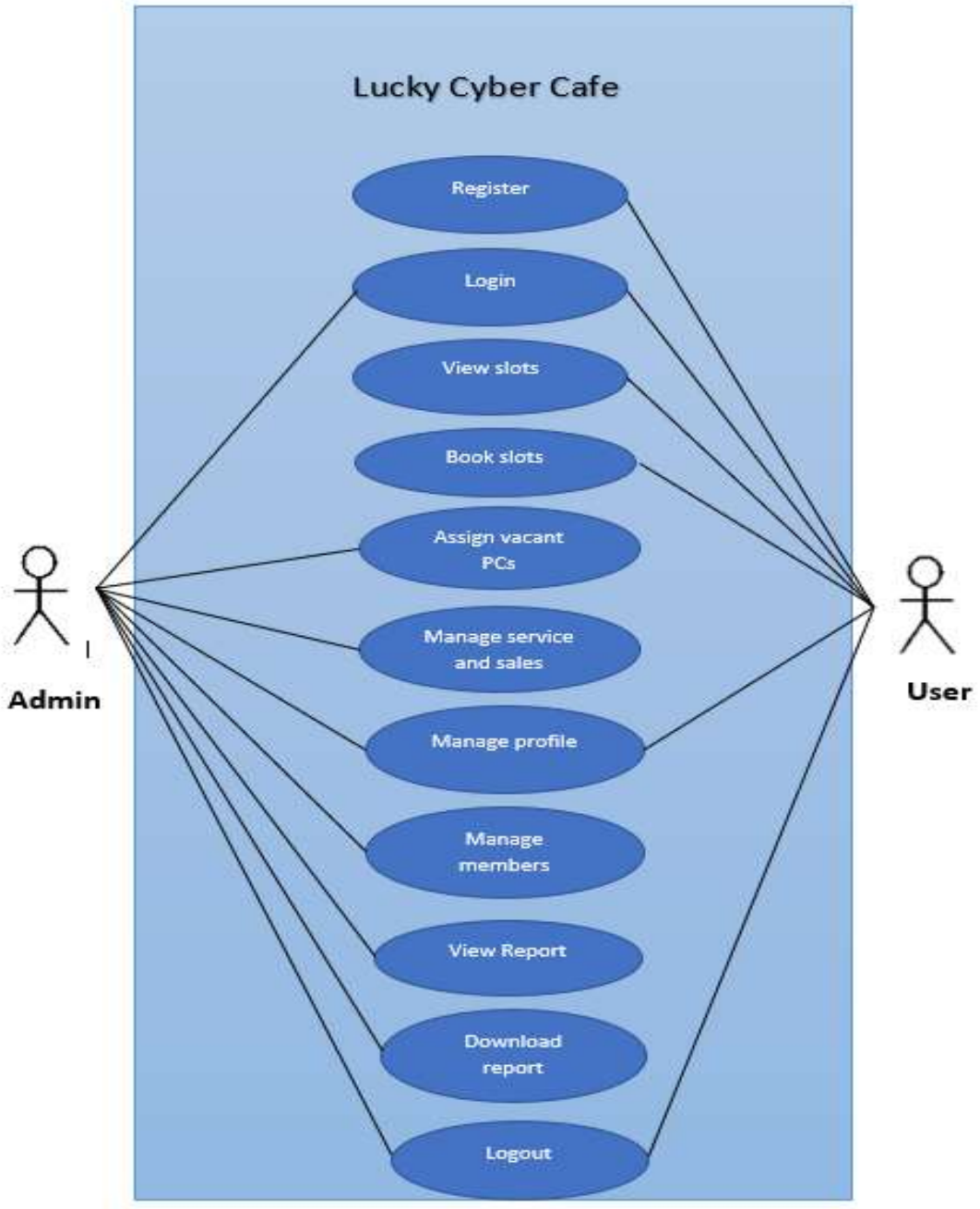
7. Servicesale

Field	Type	Null	Key	Default	Extra
saleID	int(11)	NO	PRI	*NULL*	auto_increment
serviceID	int(11)	NO		*NULL*	
quantity	int(100)	NO		*NULL*	
totalPrice	float	NO		*NULL*	
employeeOnDuty	varchar(100)	NO		*NULL*	
dateStamp	date	NO		*NULL*	

3.4 Use Case Diagrams

Use-case diagrams graphically depict system behavior (use cases). These diagrams present a high-level view of how the system is used as viewed from an outsider's (actor's) perspective. A use-case diagram may depict all or some of the use cases of a system.

- Actors
- Name
- Association



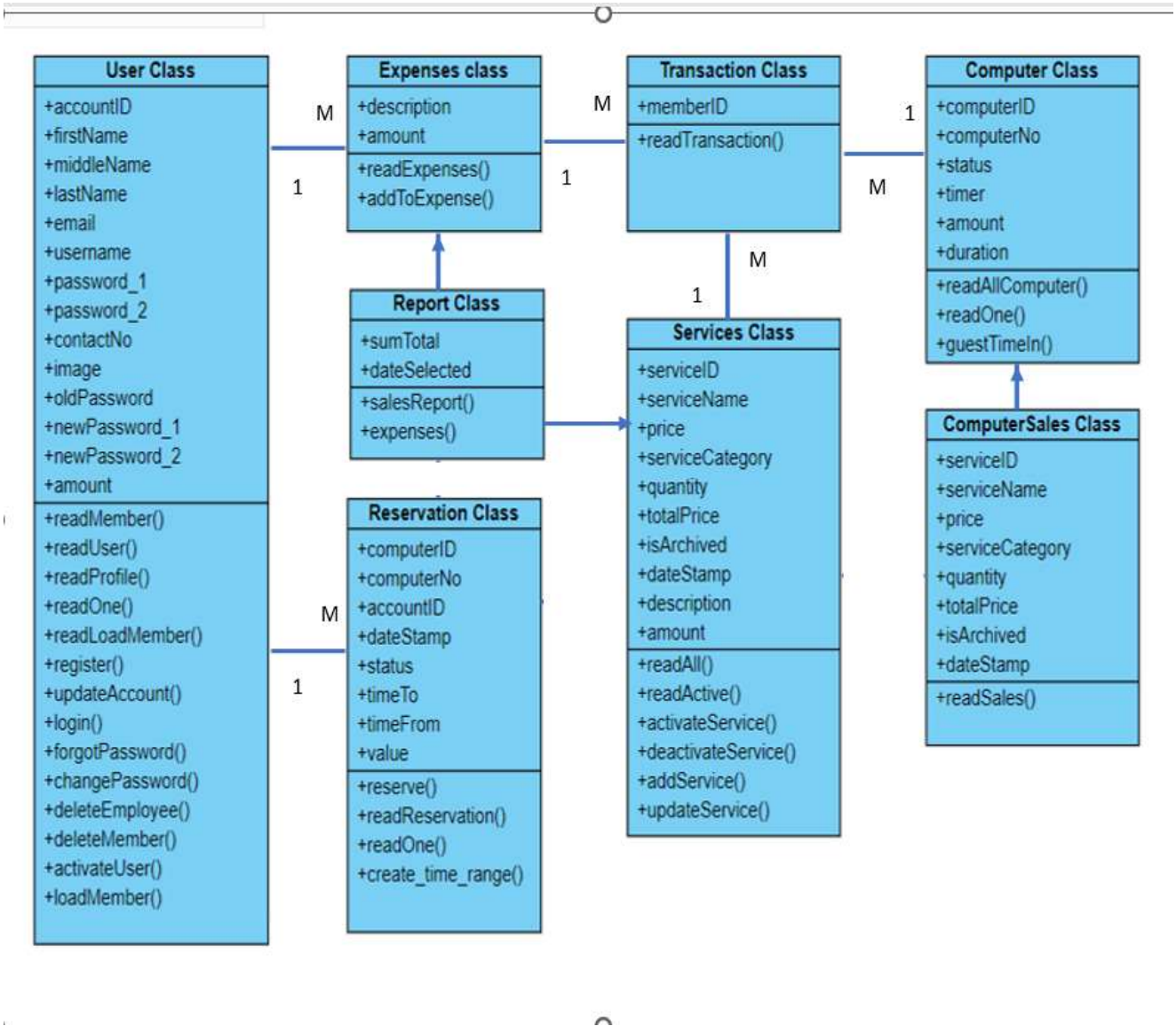
3.5 Class Diagram

- Class:

A class is a set of objects that share a common structure and common behavior (the same attributes, operations, relationships and semantics). A class is an abstraction of real-world items. When these items exist in the real world; they are instances of the class and are referred to as objects [1] [2] [3].

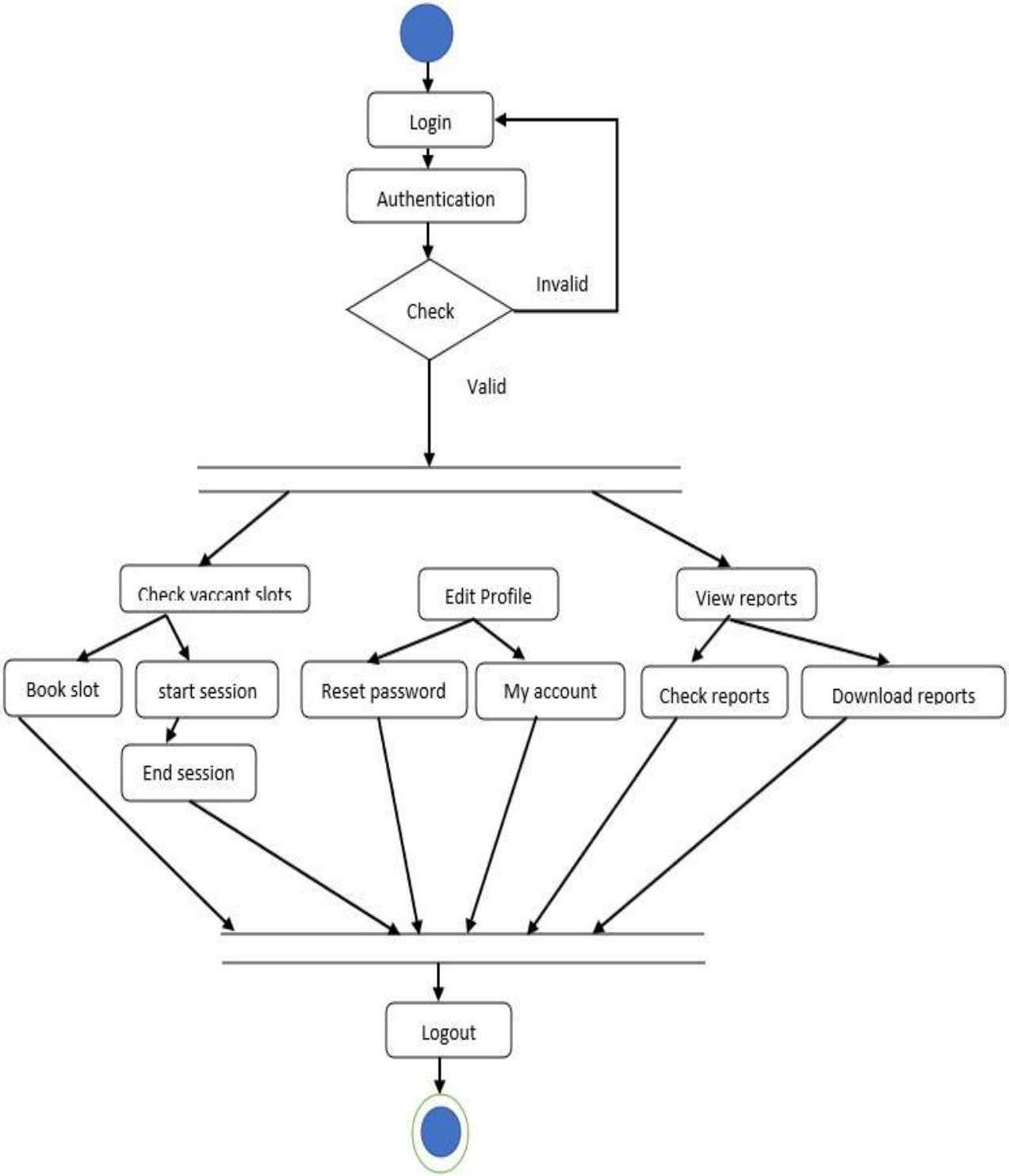
- Graphical Depiction:

A class icon is drawn as a 3-part box, with the class name in the top part, a list of attributes (with optional types and values) in the middle part, and a list of operations (with optional argument lists and return types) in the bottom part.



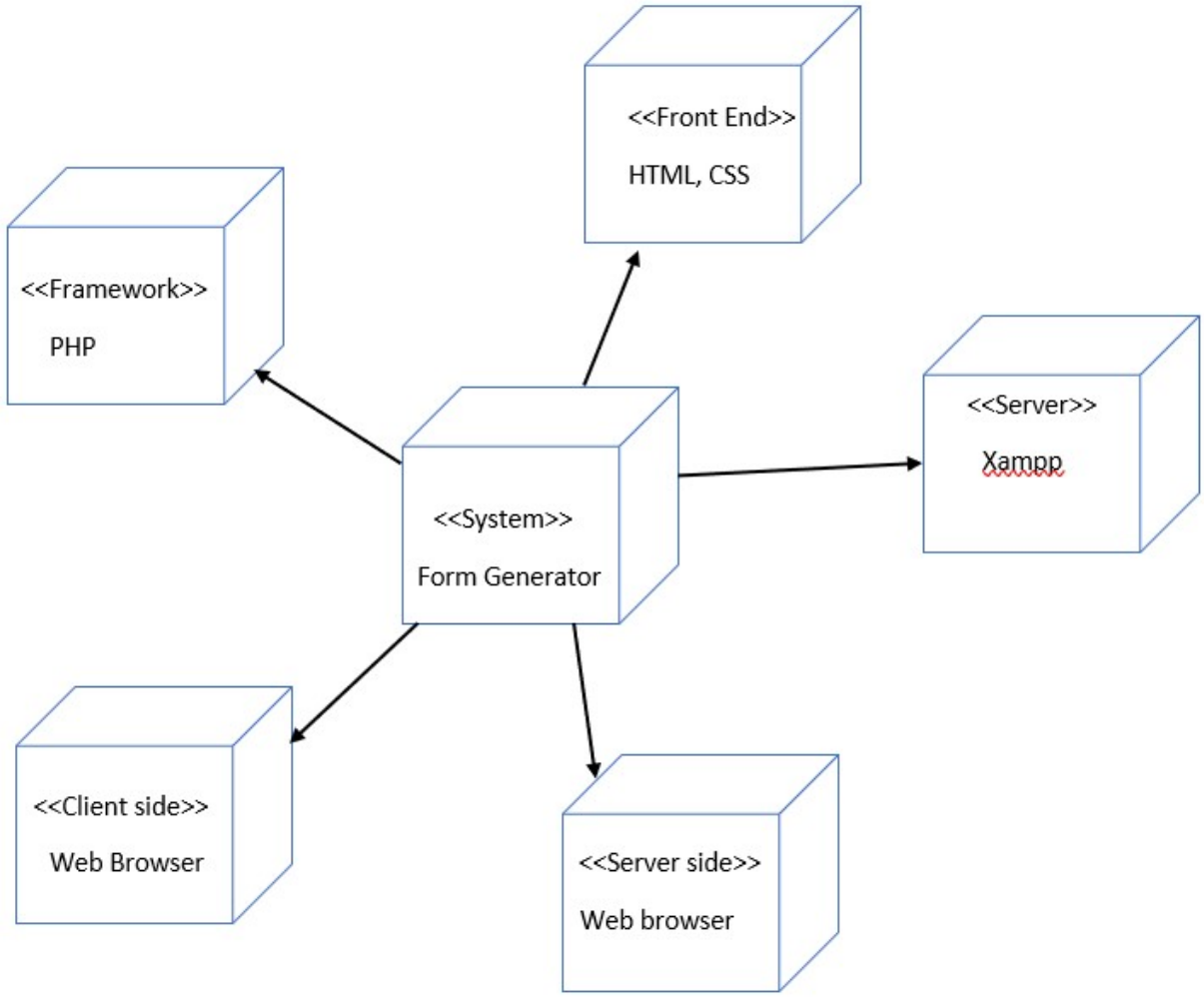
3.6 Activity Diagram

Activity diagram depict the activities and responsibilities of elements that make up a system. Activity modeling is a specialized type of behavioral modeling concerned with modeling the activities and responsibilities of elements.

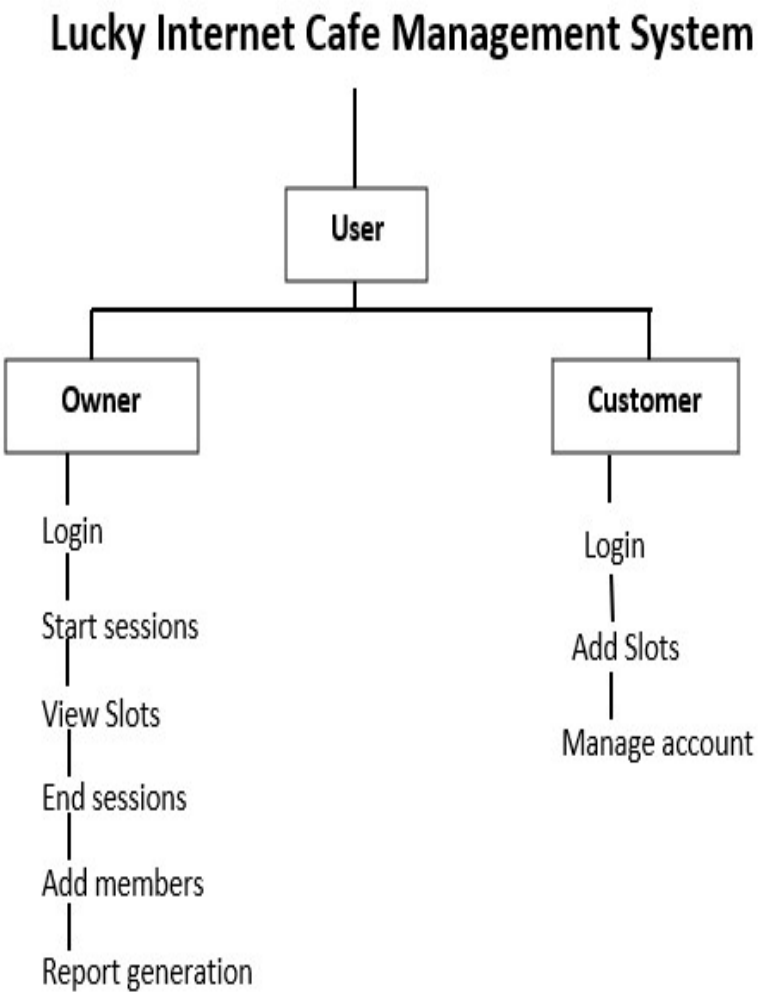


3.7 Deployment Diagram

A deployment diagram captures how a system is configured, installed, and executed. It often consists of component like software and hardware communicates to execute the system.

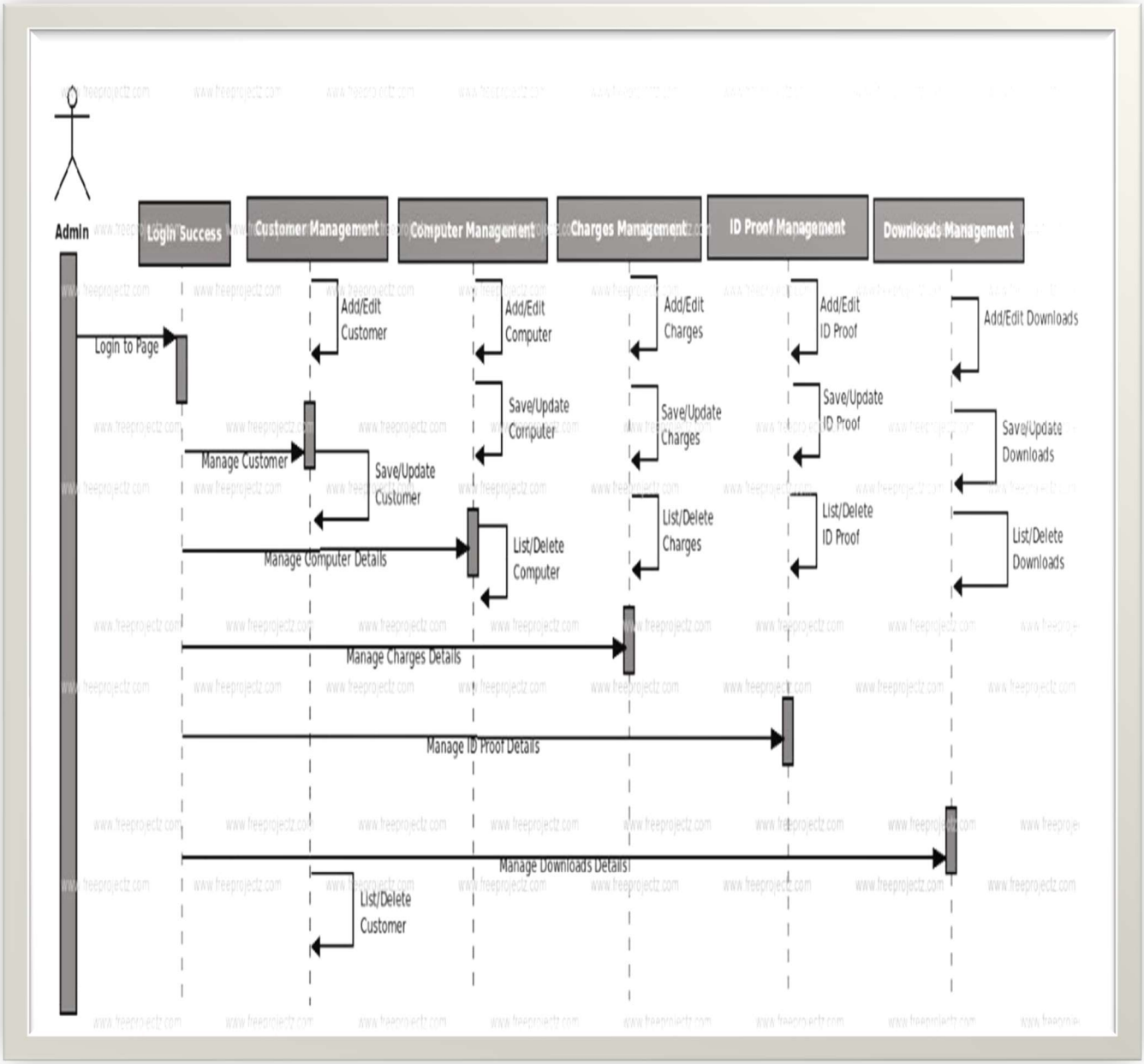


3.8 Module Hierarchy Diagram

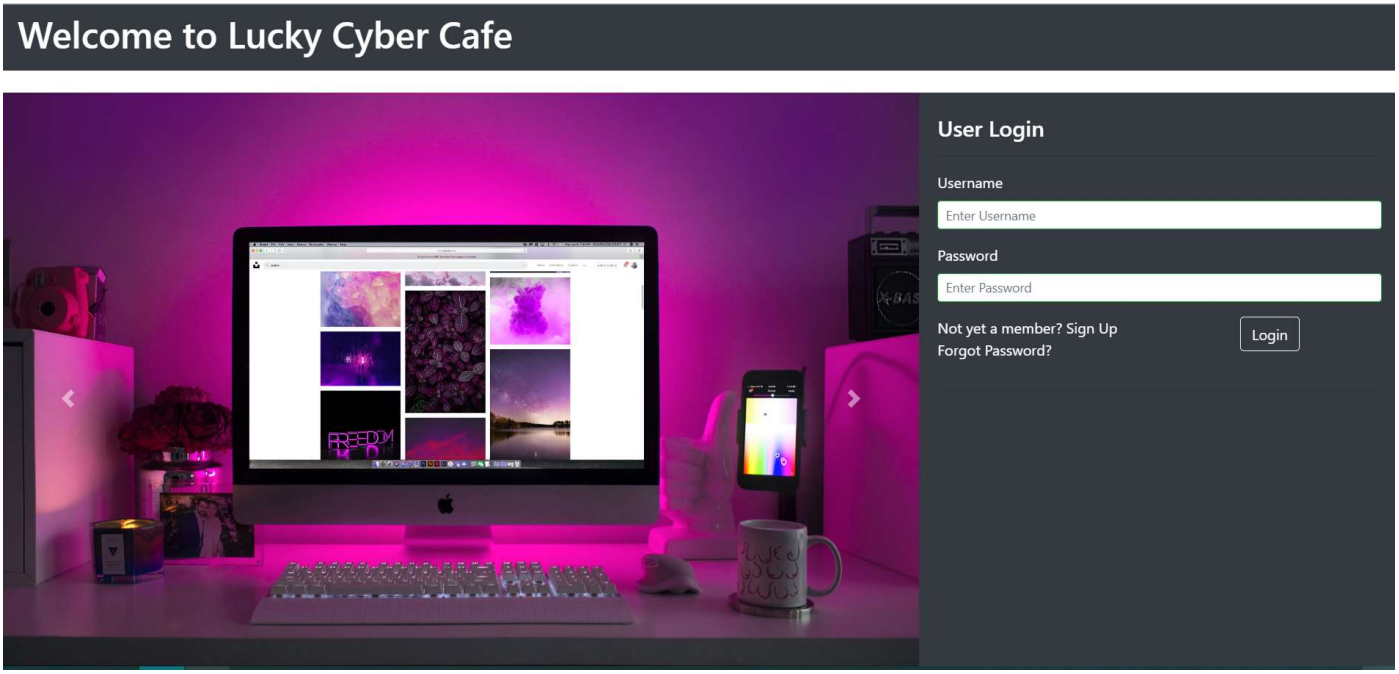


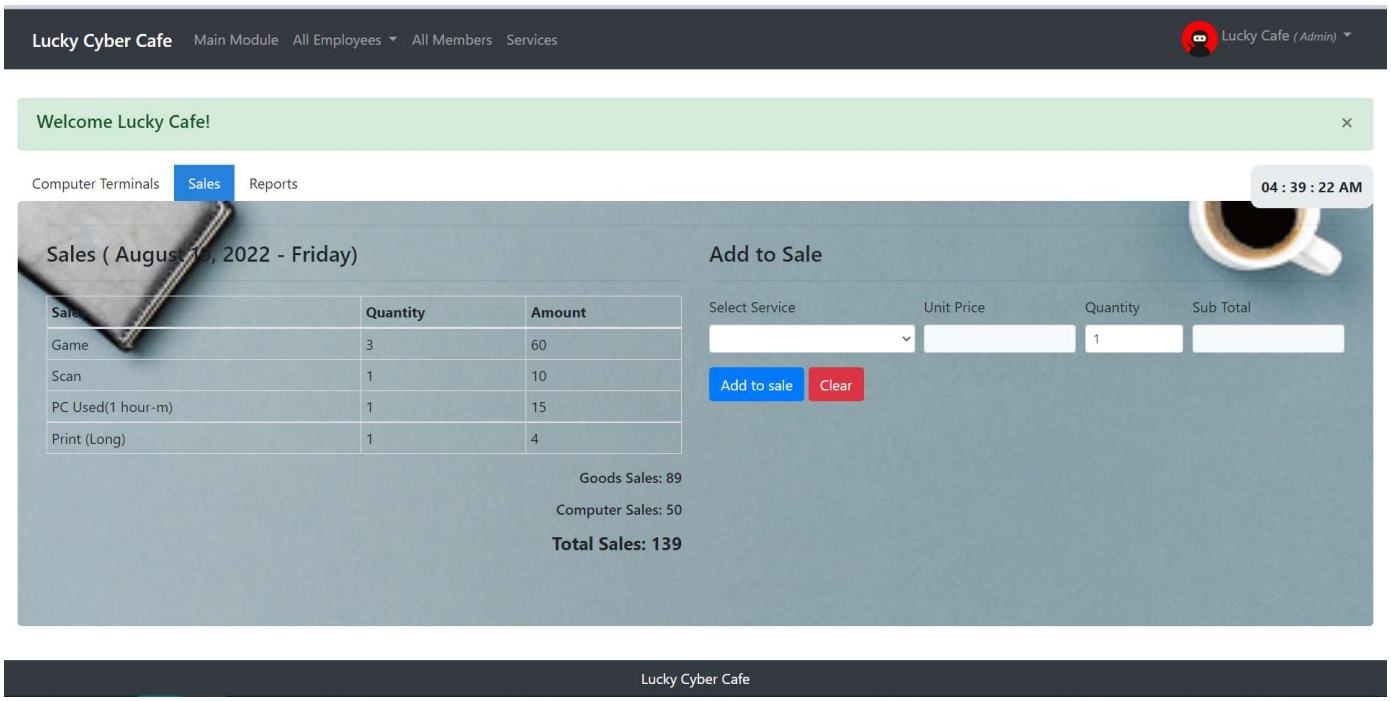
3.9 Sequence Diagram

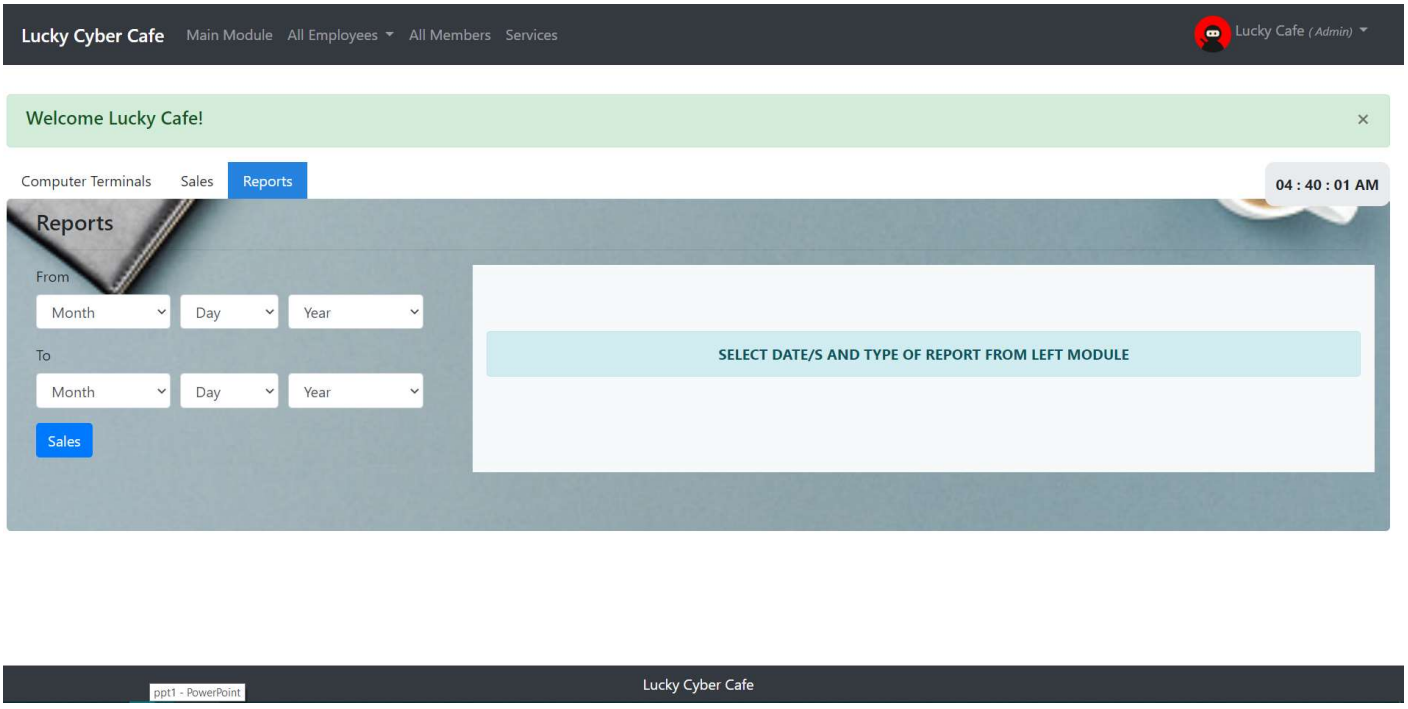
A sequence diagram shows elements as they interact over time, showing an interaction or interaction instance. Sequence diagrams are organized along two axes: the horizontal axis shows the elements that are involved in the interaction, and the vertical axis represents time proceeding down the page. The elements on the horizontal axis may appear in any order.

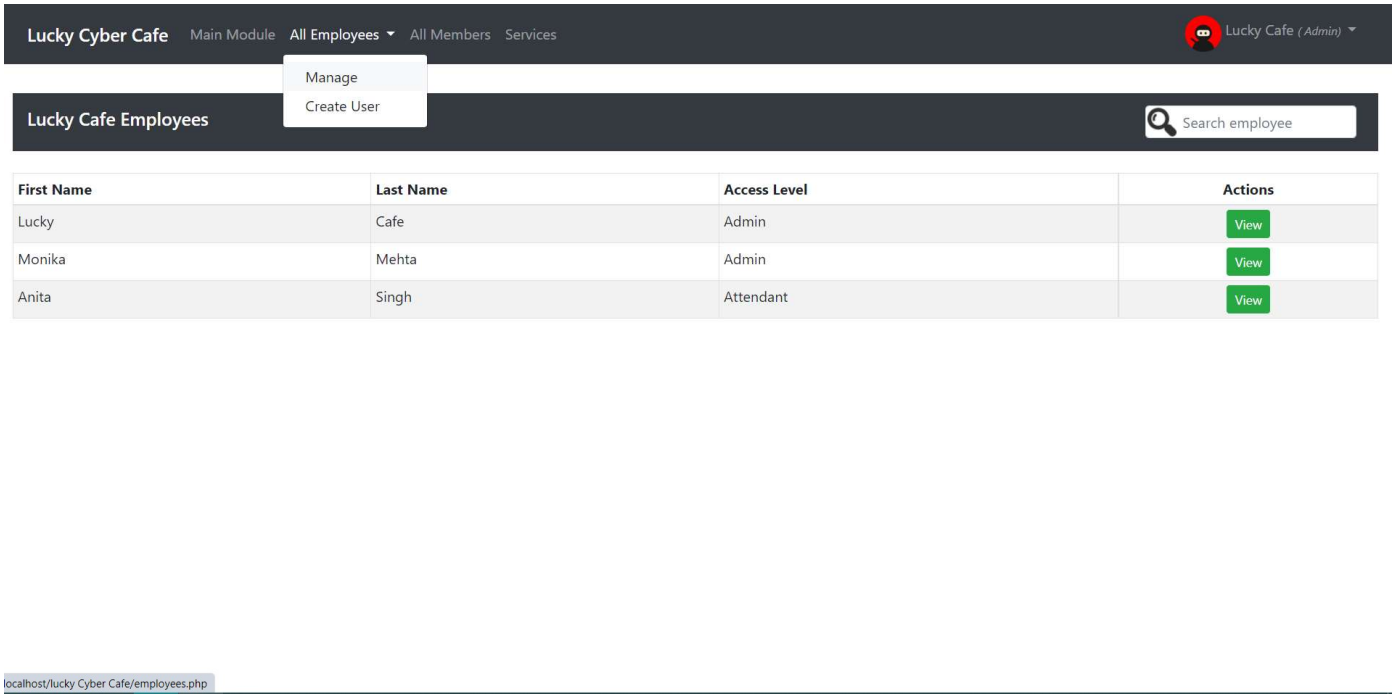


3.10 Sample Input and Output Screens (Screens must have valid data. All reports must have at-least 5 valid records.)

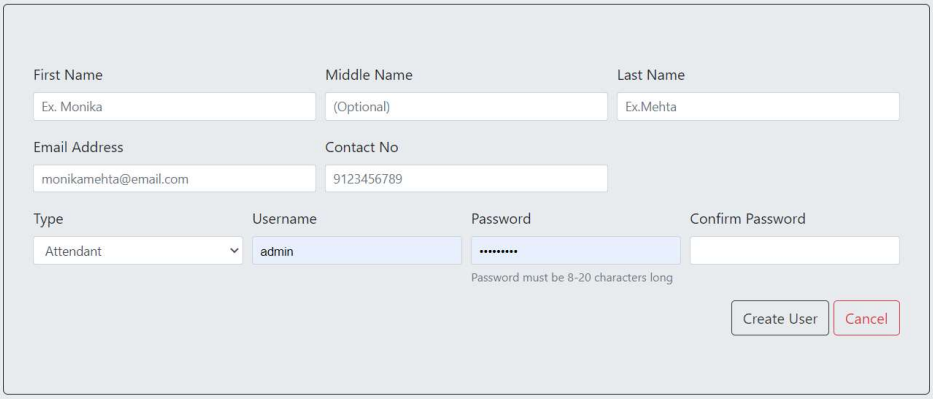



Lucky Cyber Cafe
Main Module
All Employees
All Members
Services
Lucky Cafe (Admin)
Welcome Lucky Cafe!
Computer Terminals
Sales
Reports
04 : 39 : 22 AM
Sales (August , 2022 - Friday)
Quantity
Amount
Game 3 60
Scan 1 10
PC Used(1 hour-m) 1 15
Print (Long) 1 4
Goods Sales: 89
Computer Sales: 50
Total Sales: 139
Add to Sale
Select Service
Unit Price
Quantity
Sub Total
1
Add to sale
Clear
Lucky Cyber Cafe


Lucky Cyber Cafe
Main Module
All Employees
All Members
Services
Lucky Cafe (Admin)
Welcome Lucky Cafe!
Computer Terminals
Sales
Reports
04 : 40 : 01 AM
Reports
From
Month
Day
Year
To
Month
Day
Year
Sales
SELECT DATE/S AND TYPE OF REPORT FROM LEFT MODULE
ppt1 - PowerPoint
Lucky Cyber Cafe


Lucky Cyber Cafe
Main Module
All Employees
All Members
Services
Lucky Cafe (Admin)
Manage
Create User
Lucky Cafe Employees
Search employee
First Name
Last Name
Access Level
Actions
Lucky
Cafe
Admin
View
Monika
Mehta
Admin
View
Anita
Singh
Attendant
View
localhost/lucky Cyber Cafe/employees.php

Create Employee Account



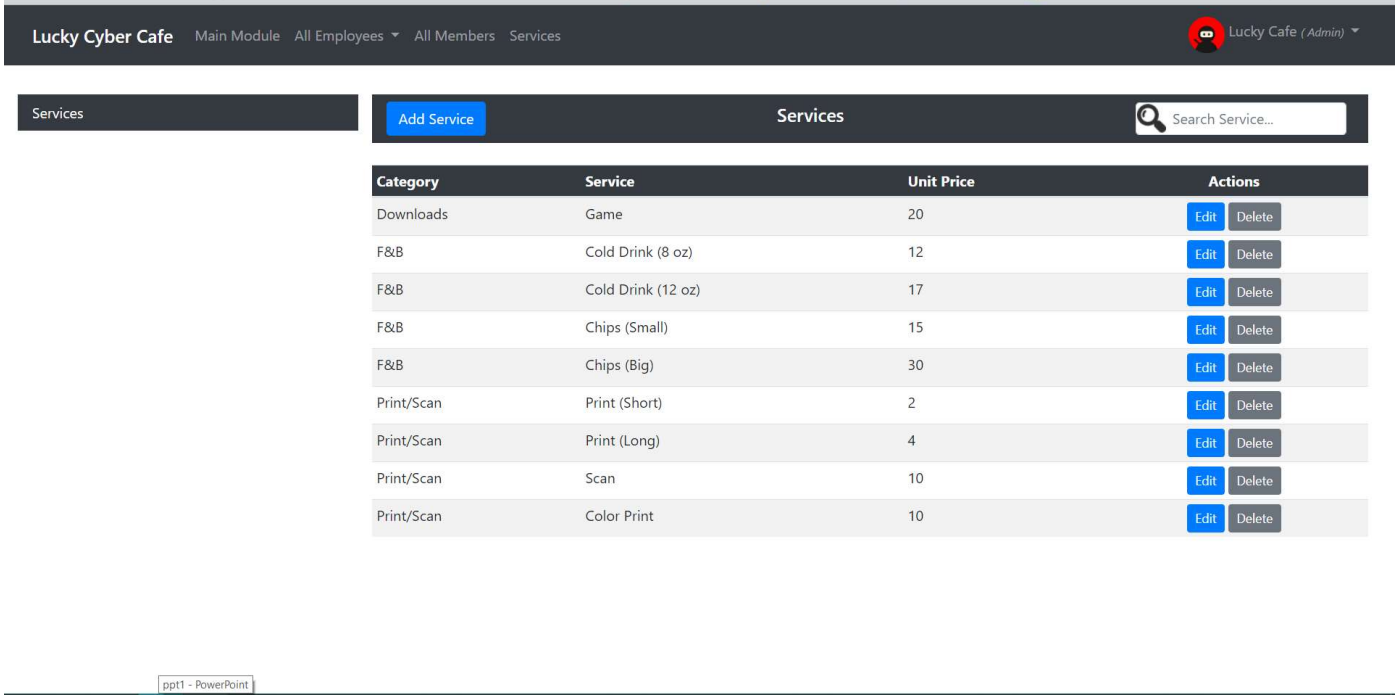
Lucky Cyber Cafe

Lucky Cyber Cafe Main Module All Employees All Members Services Lucky Cafe *(Admin)*

Show 10 entries Export Search:

First Name	Account Status	Action
Charan	active	View
Pooja	active	View

Showing 1 to 2 of 2 entries Previous 1 Next


Lucky Cyber Cafe
Main Module
All Employees
All Members
Services
Lucky Cafe (Admin)
Services
Add Service
Services
Search Service...
Category
Service
Unit Price
Actions
Downloads
Game
20
F&B
Cold Drink (8 oz)
12
F&B
Cold Drink (12 oz)
17
F&B
Chips (Small)
15
F&B
Chips (Big)
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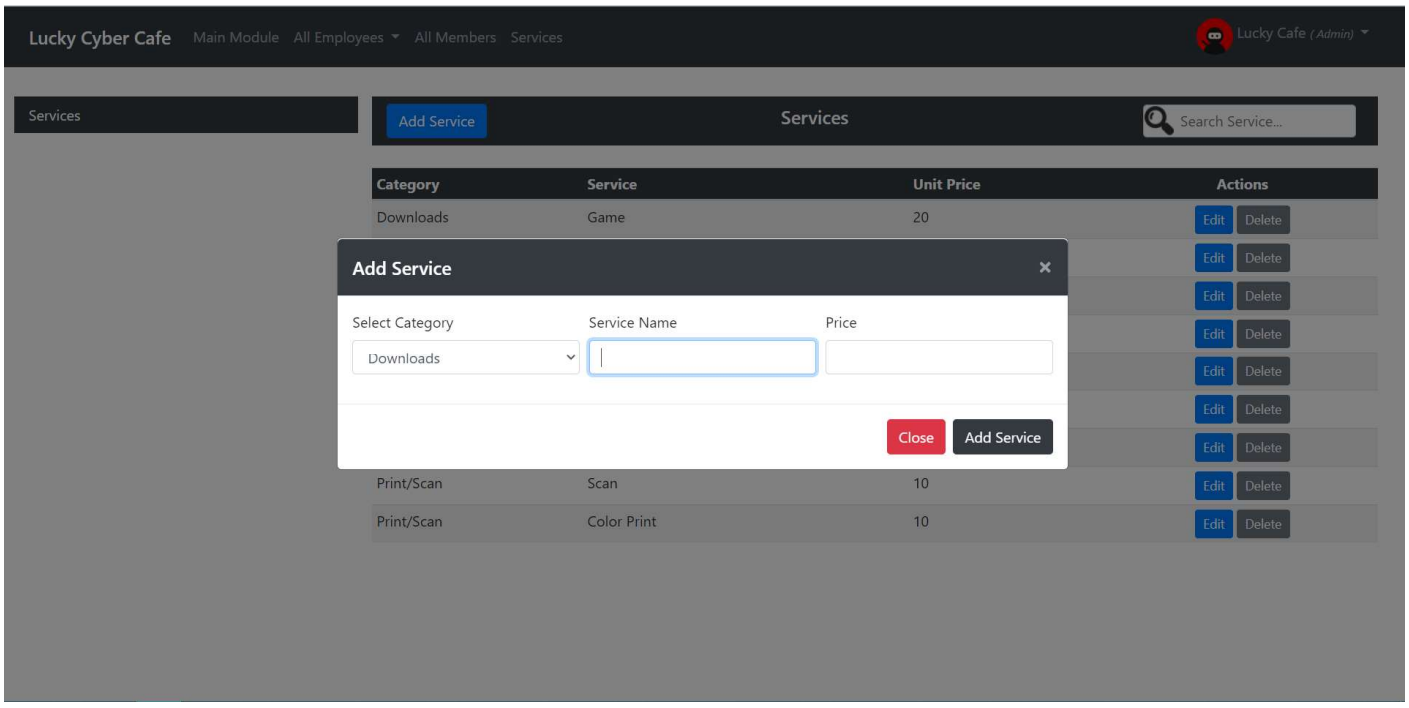
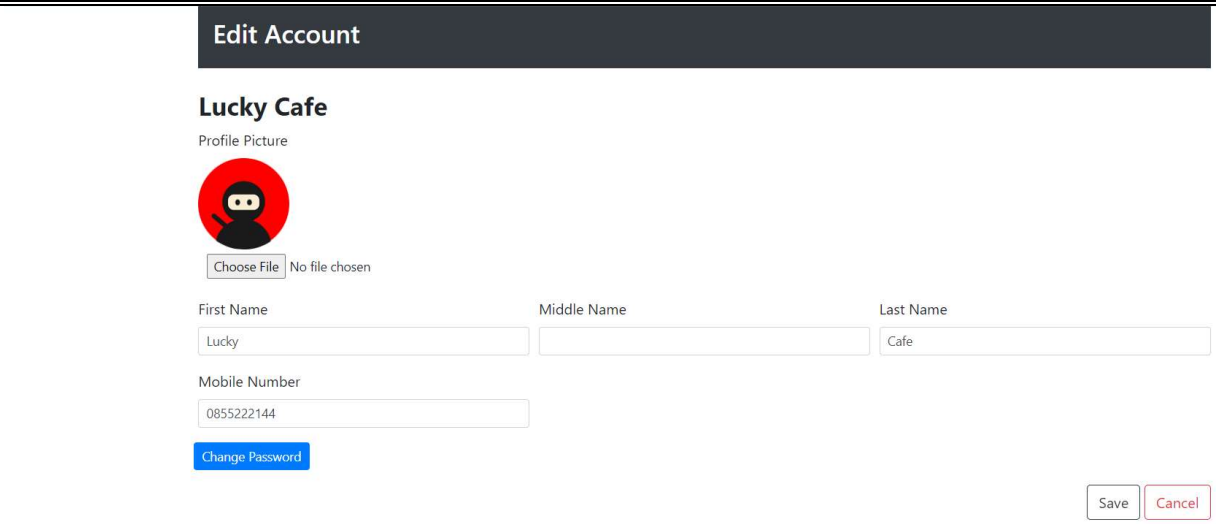
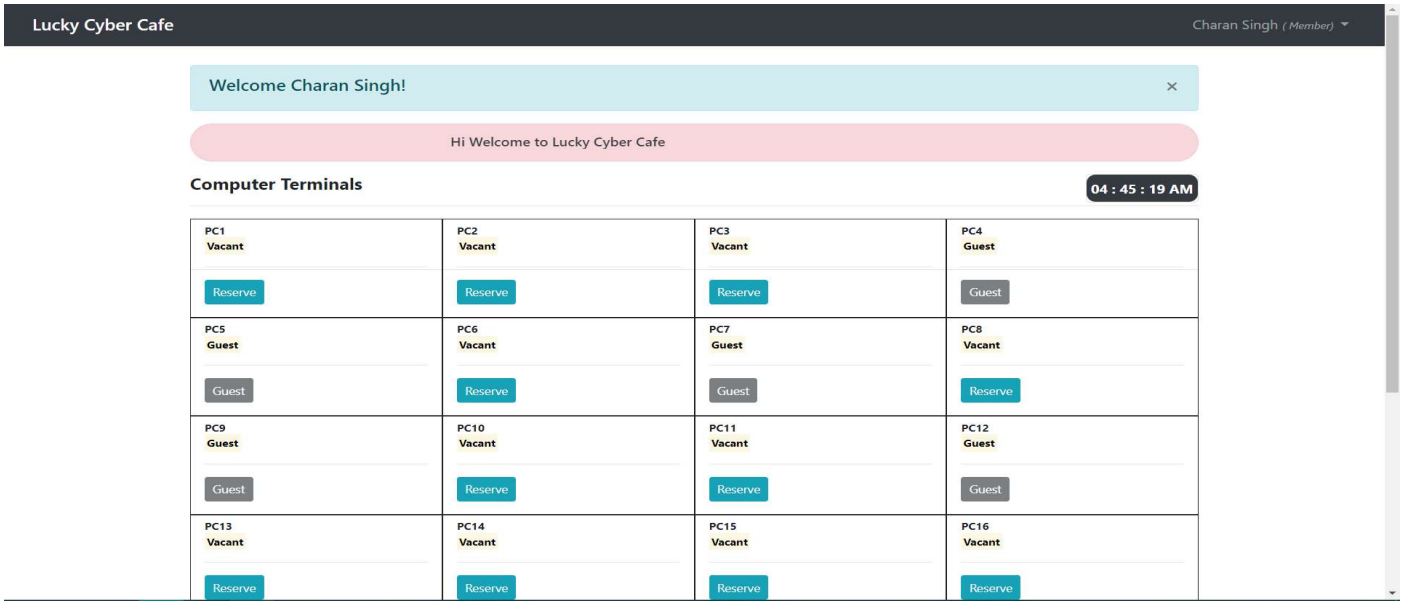
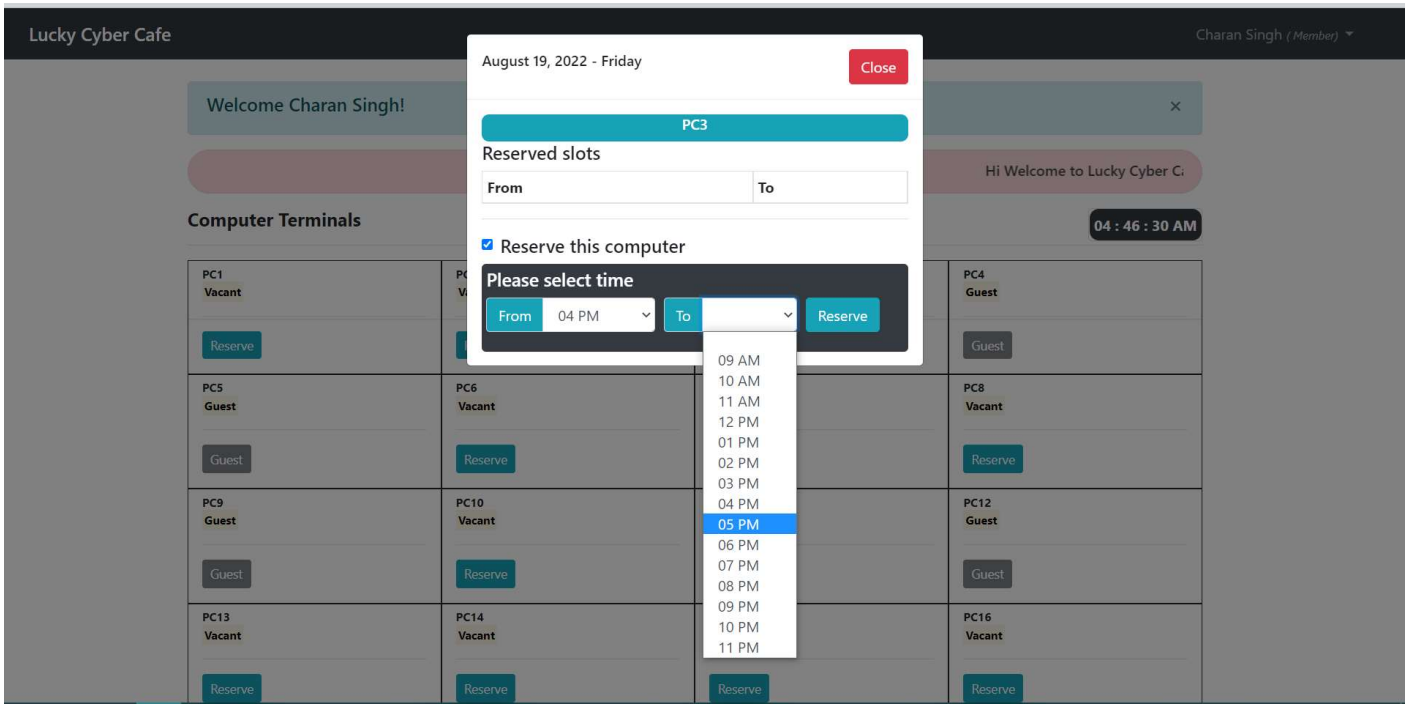
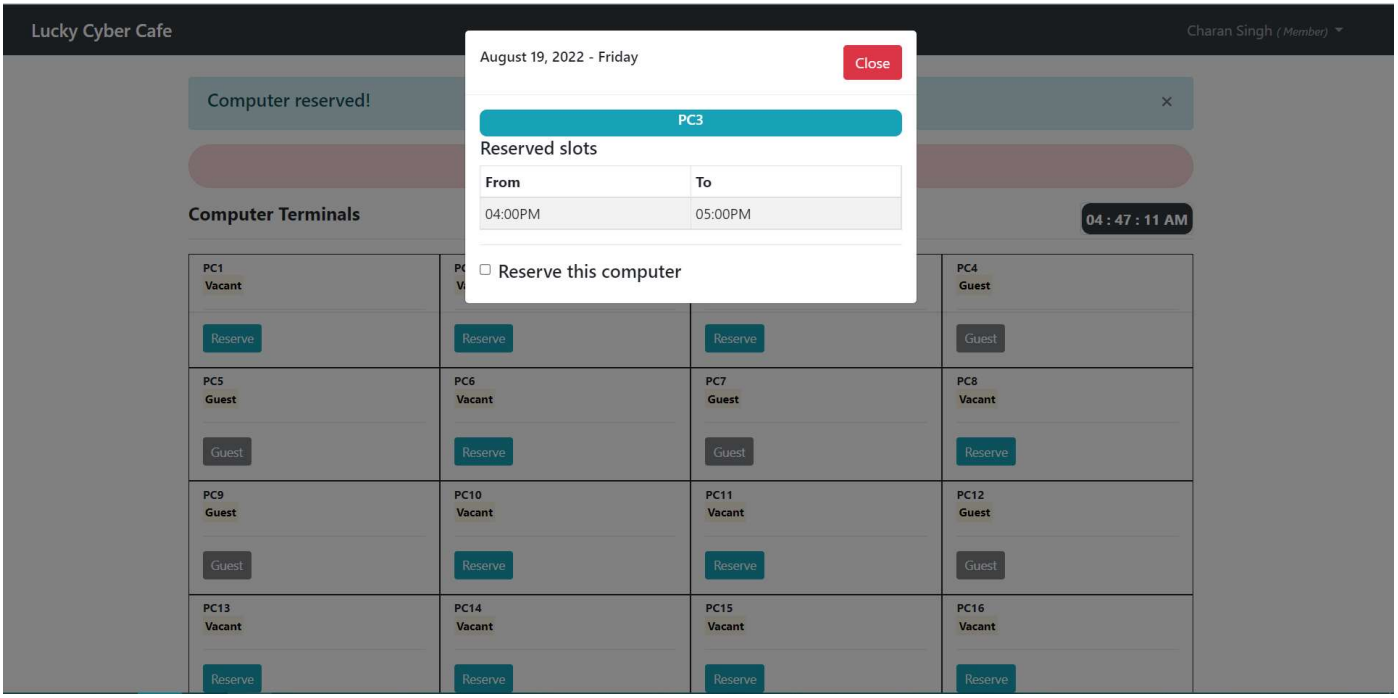
2
Print/Scan
Print (Long)
4
Print/Scan
Scan
10
Print/Scan
Color Print
10
Edit
Delete

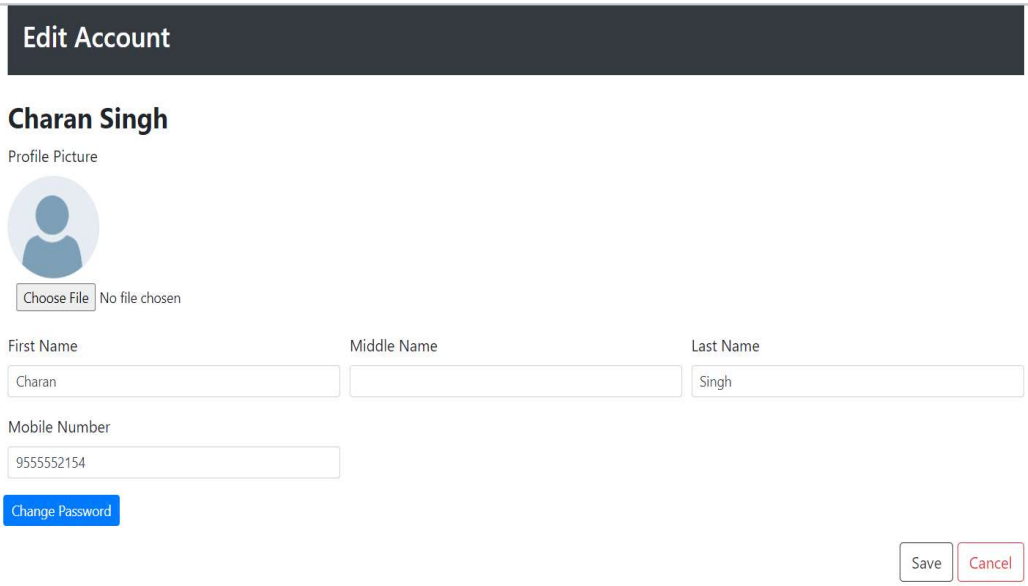

Lucky Cyber Cafe
Main Module
All Employees
All Members
Services
Lucky Cafe (Admin)
Services
Add Service
Services
Search Service...
Category
Service
Unit Price
Actions
Downloads
Game
20
Print/Scan
Scan
10
Print/Scan
Color Print
10
Edit
Delete
Add Service
Select Category
Service Name
Price
Downloads
Close
Add Service


Edit Account
Lucky Cafe
Profile Picture
Choose File
No file chosen
First Name
Middle Name
Last Name
Lucky
Cafe
Mobile Number
0855222144
Change Password
Save
Cancel


Lucky Cyber Cafe
Charan Singh (Member)
Welcome Charan Singh!
Hi Welcome to Lucky Cyber Cafe
Computer Terminals
04 : 45 : 19 AM
PC1 Vacant Reserve
PC2 Vacant Reserve
PC3 Vacant Reserve
PC4 Guest Guest
PC5 Guest Guest
PC6 Vacant Reserve
PC7 Guest Guest
PC8 Vacant Reserve
PC9 Guest Guest
PC10 Vacant Reserve
PC11 Vacant Reserve
PC12 Guest Guest
PC13 Vacant Reserve
PC14 Vacant Reserve
PC15 Vacant Reserve
PC16 Vacant Reserve


Lucky Cyber Cafe
Charan Singh (Member)
Welcome Charan Singh!
Hi Welcome to Lucky Cyber C
Computer Terminals
04 : 46 : 30 AM
August 19, 2022 - Friday
Close
PC3
Reserved slots
From
To
Reserve this computer
Please select time
From
04 PM
To
Reserve
09 AM
10 AM
11 AM
12 PM
01 PM
02 PM
03 PM
04 PM
05 PM
06 PM
07 PM
08 PM
09 PM
10 PM
11 PM
PC1 Vacant
PC4 Guest
PC5 Guest
PC6 Vacant
PC8 Vacant
PC9 Guest
PC10 Vacant
PC12 Guest
PC13 Vacant
PC14 Vacant
PC16 Vacant


Lucky Cyber Cafe
Charan Singh (Member)
Computer reserved!
Computer Terminals
04 : 47 : 11 AM
August 19, 2022 - Friday
Close
PC3
Reserved slots
From
To
04:00PM
05:00PM
Reserve this computer
PC1 Vacant
PC4 Guest
PC5 Guest
PC6 Vacant
PC7 Guest
PC8 Vacant
PC9 Guest
PC10 Vacant
PC11 Vacant
PC12 Guest
PC13 Vacant
PC14 Vacant
PC15 Vacant
PC16 Vacant


Edit Account
Charan Singh
Profile Picture
Choose File
No file chosen
First Name
Middle Name
Last Name
Charan
Singh
Mobile Number
9555552154
Change Password
Save
Cancel

Chapter 4
Coding

4.1 Algorithms

- **Algorithm for Registration page**

  Step 1: Get required details for registration i.e. name, email id, password.

  Step 2: Open the users Register page.

  Step 3: Enter the Full Name in textbox.

  Step 4: Enter the Email Id in textbox.

  Step 5: Enter the Password in textbox

  Step 6: Click on submit button

  Step 7: Redirect to Login page

- **Algorithm for login page**

  Step 1: Get Email Id and Password after registration.

  Step 2: Open the users login page.

  Step 3: Enter the Email Id in textbox.

  Step 4: Enter the Password in textbox

  Step 5: Redirect to Dashboard or Home page

- **Algorithm for booking slot**

  Step 1: Get required details like time duration for booking

  Step 2: Click on book slot for 30, 60 or 90 mins

  Step 3: Enter ok to book it.

  Step 4: Redirect to Dashboard or Home page

- **Algorithm for downloading report**

  Step 1: Enter from and to date for getting report for given months or year.

Step 2: Click on ok after entering details.
Step 3: Click on type of download form like: pdf, word, excel etc
Step 4: Enter ok.
Step 5: Redirect to Dashboard or Home page

- **Algorithm to add new user or member**

  Step 1: Enter username and password to login.
  Step 2: Go to all member's option.
  Step 3: Select accept option to add user as member.
  Step 4: Redirect to Dashboard or Home page

4.2 Code snippets

- **Employess.php**

```
<?php
$tabTitle="Employees";
$page_title = "";
include_once 'config/database.php';
include_once 'classes/userClass.php';
include_once 'config/functions.php';
include_once "header.php";

if (!isAdmin()) {
  $_SESSION['msg'] = "The page you are trying to access requires
      administrator login!";
  header('location: ../index.php');
}

$database = new Database();
$db = $database->getConnection();

$records_per_page = 5;
$page =isset($_GET['page']) ? $_GET['page'] : 1;
$from_record_num = ($records_per_page*$page)-
      $records_per_page;
$total_rows = 0;

$user = new User($db);
$stmt = $user->readUser($from_record_num,$records_per_page);

if(isset($_GET['deactivateAccountID'])){
  $user->accountID = $_GET['deactivateAccountID'];
  if($user->deactivateEmployee()){
    header("location: employees.php");
```

```
  }
}

if(isset($_GET['activateAccountID'])){
  $user->accountID = $_GET['activateAccountID'];
  if($user->activateUser()){
    header("location: employees.php");
  }
}

if(isset($_GET['loadAccountID'])){
  $user->accountID = $_GET['loadAccountID'];
}


?>


<nav class="navbar navbar-dark bg-dark justify-content-between">
  <h4 class="navbar-brand">Lucky Cafe Employees</h4>
  <form class="form-inline">
      <input class="form-control mr-sm-2" type="search"
      placeholder="Search employee" aria-label="Search"
      name="searchMember" id="searchEmployee"
       style="background-image: url('res/search.png');background-
      repeat: no-repeat;padding: 5px 10px 5px 40px; background-
      position: 1px 1px;"
       onkeyup="search()">
  </form>
</nav>
<br>


<table class="table table-hover table-striped table-bordered table-
```

```
        sm" name="employeeTable" id="employeeTable">
    <thead>
        <tr>
            <th>First Name</th>
            <th>Last Name</th>
            <th>Access Level</th>
            <th colspan=2>
                <center>Actions</center>
            </th>
        </tr>
    </thead>

    <tbody>

        <?php
while($row = $stmt->fetch(PDO::FETCH_ASSOC)){
extract($row);
?>

        <tr>
            <td>
                <?php echo $row['firstName'];?>
            </td>
            <td>
                <?php echo $row['lastName'];?>
            </td>
            <td>
                <?php echo $row['accessLevel'];?>
            </td>


            <td colspan=2>
```

```
                <?php if($row['accountStatus'] == "active"){ ?>
                <center>
                    <a class='btn btn-danger btn-sm'
      href='?deactivateAccountID=<?php echo $row[' accountID
                     '];?>'onclick='return confirm("Are you sure you
      want to deactivate the selected user?")'>
                        <i class="fas fa-user-times"></i>
      Deactivate</a>

                    <a class="btn btn-success btn-sm text-white
      view-info" id="<?php echo $row['accountID'];?>">
                        <i class="fas fa-eye"></i> View</a>
                </center>
                <?php
        }
        else{ ?>
                <center>
                    <a role='button' class='btn btn-info btn-sm col-
      sm-4' onclick="return confirm('Activate Selected Employee?')"
      href='?activateAccountID=<?php echo $row['
                     accountID '];?>'> Activate</a>
                </center>
                <?php  }  ?>
            </td>
        </tr>
        <?php }?>

    </tbody>
</table>

<?php $page_url="employees.php?0&";
    include_once 'paging.php'; ?>



<!--VIEW-->
```

```
<div class="modal fade" id="viewModal" tabindex="-1"
    role="dialog" aria-labelledby="exampleModalCenterTitle" aria-
    hidden="true">
  <div class="modal-dialog modal-dialog-centered"
    role="document">
    <div class="modal-content">
      <div class="modal-header bg-dark text-white">
        <h5 class="modal-title"
    id="exampleModalLongTitle">Employee Information</h5>
        <button type="button" class="close text-white" data-
    dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <div class="modal-body" id="view-body">

      </div>
      <div class="modal-footer">
        <button type="button" class="btn btn-danger" data-
    dismiss="modal">Close</button>
      </div>
    </div>
  </div>
</div>
<!--END VIEW-->

<script>
  $(document).on('click', '.view-info', function() {
    //$('#computerModal').modal('show');
    var accountID = $(this).attr("id");

    $.ajax({
      url: "viewInfo.php",
      method: "POST",
      data: {
```

```
                accountID: accountID
            },
            success: function(data) {
                $('#view-body').html(data);
                $('#viewModal').modal('show');

            }
        });
    });

    $(document).ready(function() {
        $('#searchEmployee').on('keyup', function() {
            var searchTerm = $(this).val().toLowerCase();
            $('#employeeTable tbody tr').each(function() {
                var lineStr = $(this).text().toLowerCase();
                if (lineStr.indexOf(searchTerm) === -1) {
                    $(this).hide();
                } else {
                    $(this).show();
                }
            });
        });
    });
        </script>
```

- **ComputerModel.php**

```
<?php
date_default_timezone_set('Asia/Manila');
$timestamp = date("Y-m-d");

include_once "config/database.php";
include_once "classes/reservationClass.php";
include_once "classes/computerClass.php";
```

```
$database = new Database();
$db = $database->getConnection();

$guest = new Computer($db);

$time1=strtotime('1:00:00');
$time2=strtotime('3:00:00');

if(isset($_POST['btnEndSession'])){

$id=$_POST['comID'];
$timeLeft='00:00:00';
$status = "Vacant";

echo $guest->timer;

$query = "UPDATE computer SET timeLeft=?,status=? WHERE
      computerID=?";
$stmt = $db->prepare($query);
$stmt->bindParam(1,$timeLeft);
$stmt->bindParam(2,$status);
$stmt->bindParam(3,$id);
if($stmt->execute()){
      header("location: main.php");
}
else{
      echo "ERROR!";
}
}
if(isset($_POST['btnNinety'])){
$amount=30;
$time = DateTime::createFromFormat('h:i:s', '01:30:00');
$guest->timer = date_format($time,'h:i:s');
```

```
$guest->amount=$amount;
$guest->computerID=$_POST['comID'];

if($guest->guestTimeIn()){
	header("location: main.php");
}
else{
	echo "Problem Adding Guest time!";
	header("refresh:2; url=main.php");
}
}
else if(isset($_POST['btnSixty'])){
$amount=20;
$time = DateTime::createFromFormat('h:i:s', '01:00:00');
$guest->timer = date_format($time,'h:i:s');
$guest->amount=$amount;
$guest->computerID=$_POST['comID'];

if($guest->guestTimeIn()){
	header("location: main.php");
}
else{
	echo "Problem Adding Guest time!";
}
}
else if(isset($_POST['btnThirty'])){
$guest->amount=10;
$time = DateTime::createFromFormat('H:i:s', '00:30:00');
$guest->timer = date_format($time,'H:i:s');
$guest->computerID = $_POST['comID'];

   if($guest->guestTimeIn()){
      header("location: main.php");
```

```
    }
else{
        echo "Problem Adding Guest time!";
}
}

if(isset($_POST['computerID'])){
$reservation = new Reservation($db);
$reservation->computerID = $_POST['computerID'];
$computer = new Computer($db);
$computer->computerID = $_POST['computerID'];

$id = $_POST['computerID'];

$com = $computer->readOne();
$stmt = $reservation->readReservation();
//$title="Guest";

echo "<div class='bg-dark co text-white'
        style='padding:1px;border-
        radius:5px;'><center><h6>".$_POST['computerNo']."</h6>
        </center></div>";
echo "<br>";
echo "
<table class='table table-striped table-sm'>
          <thead>
               <tr>
                    <th>Reserved by</th>
                    <th>From</th>
                    <th>To</th>
               </tr>
          </thead>
          <tbody>";
while($row = $stmt->fetch(PDO::FETCH_ASSOC)){
```

```
        extract($row); ?>

    <tr>
    <td>
        <?php echo "{$firstName} {$lastName}";?>
    </td>
    <td>
        <?php echo date('h',strtotime($row['timeFrom']));?>
    </td>
    <td>
        <?php echo date('h',strtotime($row['timeTo']));?>
    </td>
    </tr>
    <?php }
            echo "</tbody>
        </table>";

    ?>
    <hr>
    <br>
    <br>


    <div class="jumbotron bg-dark" style="margin:0
        auto;padding:0px;">
    <div class="container bg-info text-white" style="padding:1px;">
        <center>
            <h5></h5>
        </center>
    </div>
    <div class="form-row"> </div>
    <div class="container">
        <form action="computerModal.php" method="post">
            <input name="comID" type="hidden" value="<?php echo
```

```
$id;?>">
    <?php $rows=$com->fetch(PDO::FETCH_ASSOC);
    $msg="End session of selected PC?";
        if($rows['status']=="Vacant" OR
$rows['status']=="Guest"){
            if($rows['status']=="Guest"){ ?>
    <div class='alert alert-warning border-light'
id='guestTime'>
        <strong>Time left:
            <?php echo $rows['timeLeft'];?>
        </strong>
        <button class='btn btn-outline-danger btn-sm float-
right' name='btnEndSession' onclick='return confirm("End PC
Session?")'>
            <i class="fas fa-square"></i> End
Session</button>
    </div>
    <?php }
            else{
                echo "<div class='alert alert-primary
border-light'><strong>Vacant</strong></div>";
            } ?>


    <div class="form-row">
        <div class="form-group col">
            <button type="submit" name="btnNinety"
class="btn btn-outline-info btn-block" onclick="return
confirm('Add time?')">+90 Min</button>
        </div>
        <div class="form-group col">
            <button type="submit" name="btnSixty"
class="btn btn-outline-info btn-block" onclick="return
confirm('Add time?')">+60 Min</button>
        </div>
        <div class="form-group col">
```

```
                        <button name="btnThirty" class="btn btn-
        outline-info btn-block" type="submit" onclick="return
        confirm('Add time?')">+30 Min</button>
                    </div>
                </div>
                <?php }
                else if($rows['status']=='Member'){
                        echo "<div class='alert alert-
        success'><strong>Member Use</strong></div><br>";
                    }
                else{
                        echo "<div class='alert alert-
        danger'><strong>Under Repair</strong></div><br>";
                } ?>
            </form>
        </div>
        </div>

    <?php }
```

- DownloadRecord.php

```
<?php
include_once "config/database.php";
include_once "classes/medTechClass.php";
require('fpdf/fpdf.php');



$database= new Database();
$db = $database->getConnection();

// if(isset($_GET['recordID'])){
//     $medtech->recordID = $_GET['recordID'];
//     $recID = $_GET['recordID'];
//     $medtech->xxxx();
```

```
//     $image = $medtech->image;
//     $uploadedBy = $medtech->uploadedBy;
//     $serviceType = $medtech->serviceType;
//     $recordedBy = $medtech->recordedBy;
//     $conductedBy = $medtech->conductedBy;
//     $uploadedBy = $medtech->uploadedBy;
//     $uploadTime = $medtech->uploadTime;
//     $dateTimeConducted = $medtech->dateTimeConducted;
//     $doctorRemarks = $medtech->doctorRemarks;
//     $prescription = $medtech->prescription;
//     $message = $medtech->message;
//     $image = $medtech->image;
// }



if(isset($_POST['download'])){
    $medtech = new MedTech($db);
      $medtech->recordID = $_POST['recordID'];
      $medtech->xxxx();

      // $serviceType = $medtech->serviceType;

      $uploadedBy = $_POST['from'];
      $serviceType = $_POST['serviceType'];
      $recordedBy = $_POST['recordedBy'];
      $dateTimeConducted = $_POST['dateTimeConducted'];
      $message = $_POST['message'];
      $dateUploaded = $_POST['dateUploaded'];
      $image = $medtech->image;
      $uploadedBy = $medtech->uploadedBy;
      $uploadTime = $medtech->uploadTime;
```

```
        $doctorRemarks = $medtech->doctorRemarks;
        $prescription = $medtech->prescription;
    }

    class PDF extends FPDF
    {
    // Page header
    function Header()
    {
        // Logo
        $this->Image('Pictures/qa2.png',10,6,30);
        // Arial bold 15
        $this->SetFont('Arial','B',15);
        // Move to the right
        $this->Cell(80);
        // Title
        $this->Cell(50,10,'Qiambao-Abansi Diagnostic Laboratory',0,0,'C');
        // Line break
        $this->Ln(20);
    }
    // Page footer
    function Footer(){
        // Position at 1.5 cm from bottom
        $this->SetY(-15);
        // Arial italic 8
        $this->SetFont('Arial','I',8);
        // Page number
        $this->Cell(0,10,'Page '.$this->PageNo(),0,0,'C');
    }
    }
```

```
$pdf = new PDF();
$pdf->AddPage();
$pdf->setFont('Arial','B', 12);
// $pdf->Cell(95,10, $pdf->Image('Pictures/qa2.png',10,10,30,30));
$pdf->Cell(95, 10, '', 0,0,'C');
$pdf->Cell(95, 10, '', 0,1,'C');
$pdf->Cell(95, 10, '', 0,0,'C');
$pdf->Cell(95, 10, '', 0,1,'C');
$pdf->Cell(95, 10, 'Service Type: ', 0,0,'R');
$pdf->Cell(95, 10, $serviceType, 0,1, 'L');
$pdf->Cell(95, 10, 'Recorded by:',0,0,'R');
$pdf->Cell(95, 10, $recordedBy,0,1,'L');
$pdf->Cell(95, 10, 'Date Conducted:',0,0,'R');
$pdf->Cell(95, 10, $dateTimeConducted,0,1,'L');
$pdf->Cell(95, 10, 'Uploaded by:',0,0,'R');
$pdf->Cell(95, 10, $uploadedBy,0,1,'L');
$pdf->Cell(95, 10, 'Time uploaded:',0,0,'R');
$pdf->Cell(95, 10, $uploadTime,0,1,'L');
$pdf->Cell(95, 10, 'Message:',0,0,'R');
$pdf->Cell(95, 10, $message,0,1,'L');
$pdf->Cell(200, 50, 'REFER TO NEXT PAGE FOR LAB RESULTS',0,0,'C');
$pdf->AddPage();
$pdf->Cell(95,10, $pdf->Image('records/'.$image,15,40,180 ,200));
$pdf->output();

      ?>
```

Chapter-5
Testing

5.1 Test Strategy

Testing plays a critical role in quality assurance for software. Due to the limitation of the verification method for the previous phases, design and requirement fault also appear in the code. Testing is used to detect these errors, in addition to the error introduced during coding phase. Testing is a dynamic method for verification and validation, where the system is to be tested is executed and behavior of the system is observed. Due to this testing the failure of the system can be observed, from which the presence of fault can be deduced. However, separate activities have to be performed to identify the faults.

- Objectives of Testing
  - Testing is the process of executing a program with the intent of finding a bug.
  - A good case is one that has a high probability of finding an as yet undiscovered error.
  - A successful test is the one that uncover yet an undiscovered error.

- Methods of Testing
  - Functional Testing: In functional testing, the internal logic of the system under testing is not considered and the test cases are decided from the specification or the requirements. It is often called "Black Box Testing".
  - Structural Testing: In structural testing, the test cases are decided entirely on the internal logic of the program or module being tested.

- **Unit Testing**

  Unit testing focuses verification effort on the smallest unit of software design, the module. The unit testing we have is white box oriented and some modules the steps are conducted in parallel.

- **White Box Testing**

  This type of testing ensures that :
  - All independent paths have been exercised at least once
  - All logical decisions have been exercised on their true and false sides

- All loops are executed at their boundaries and within their operational bounds All internal data structures have been exercised to assure their validity.

- **Black Box Testing**

  This testing method considers a module as a single unit and checks the unit at interface and communication with other modules rather getting into details as statement level. Output for a given set of input combinations are forwarded other module.

- **Integration Testing**

  Integration Testing is any type of software testing that seeks to verify the interfaces between components against a software design. Software components may be integrated in an interactive way or all together ("big bang"). Normally the former is considered a better practice since it allows interface issues to be localized more quickly and fixed. Integration testing works to expose defects in the interfaces and interaction between integrated components (modules). Progressively user groups of tested software components corresponding to elements of the architectural design are integrated and tested until the software works as a software.

- **System Testing**

  System Testing tests a completely integrated system to verify that it meets its requirements. The testing phase is an important part of software development, It is the process of finding errors and missing operations and also a complete verification to determine whether the objectives are met and the user requirements are satisfied.

5.2 Unit Test Plan

- **Owner side**

Unit Test Id	Component	Detail
1	Register Page	Test whether all data are stored into database or not
2	Login Page	Test whether user is able to login
3	Slot assign Page	Test whether user is able to book slots
4	All member Page	Test whether owner able to add and check members
5	Expense Page	Test whether all expenses data is mangable or not
6	Report Page	Test whether owner is able to view and download report.

- **Customer side**

Unit Test Id	Component	Detail
1	Register Page	Test whether all data are stored into database or not
2	Login Page	Test whether user is able to login
3	Slot book Page	Test whether user is able to book slots
4	My Account Page	Test whether user s able to manage his account

5.3 Acceptance Test Plan

Category	Checklist
Title	1)Is the title matching the project title as referred everywhere 2)Is the title following Project's naming conventions
Revision History, Table of Contents	1)Is every version modification tracked properly for the plan 2)Has every version change undergone proper review and is mentioned 3)Is the versioning convention correct 4)Does the table of contents match the actual contents in the plan 5)Is the page number for each content correct 6)Is the page number updated if the modifications made in the plan changed page number of the contents
References	1)Are the references existing and valid 2)Do they match with scope 3)Are they complete and considered for tests identification
Test Items, Features to be tested, Features not to be tested	1)Are they numbered 2)Does each feature / module / sub-module comes under scope 3)Can the schedule planned cover all the identified test items within
Entry Criteria, Exit Criteria	1)Are they numbered 2)Is each and every criteria mentioned in detail
Test Environment Details	1)Is it having all the required configurations mentioned 2)Is the version for each configuration specific or latest to be considered 3)Do the VMs, environment exists (if not, mention possible date for its availability) 4)Is the credentials sharing method for particular environment access mentioned

Acceptance Tests	1)Are the tests numbered 2)Are the Preconditions numbered 3)Are the test steps clear to understand 4)Are the test steps complete 5)Is the expected result complete 6)Is there any open question in the tests (if any, follow-up and complete it) 7)Is the reference to Acceptance Tests (if written separately) valid and existing 8)Is the traceability correct 9)Is there any business requirement missed out to cover for test
Resources, Roles, and Responsibilities	1)Are the responsibilities for each role numbered 2)Can the responsibilities be achieved 3)Is the identified resource capable of handling mentioned responsibilities
Tools	1)Are all the tools mentioned 2)Are all the tools numbered 3)Are all the tools versioned 4)Does any of the tool need license or the existing license valid during the phase 5)Is the guidance to the tool usage correct and sufficient
Business Decision Factors	1)Has all the factors mentioned 2)Are all the factors numbered
Sign-Off Procedure	1)Is the procedure valid 2)Is the procedure acceptable 3)Is the procedure clear to understand
Point of Contact	1)Is the resource identified as point of contact available in the organization during the phase 2)Is the resource identified capable of handling the phase

5.4 Test Case

Test cases list the specific items that will be tested and describe the detailed steps that will be followed to verify the software. There are two fundamental approaches to testing software: test-to-pass and test-to-fail, when you test-to-pass, you really ensure only that the software minimally works. You don't push its capabilities. You don't see what you can do to break it. You treat it with kid gloves, applying the simplest and most straightforward test cases. You may be thinking that if your goal is to find bugs, why would you test-to-pass? Wouldn't you want to find bugs by any means possible? The answer is no, not initially. Think about an analogy with a newly designed

software. You are assigned to test the very first prototype that has just rolled off the assembly line and has never been driven. You probably wouldn't get in, start it up, head for the test track, and run it wide open at full speed as hard you could. You would probably crash and die. Use test-to-pass to reveal bugs before you test-to- fail. In Online Shopping System market there are many test cases that are applied. Some of them shown below like GUI testing, Login, Database etc.

- **Login Page Test Cases**:

Test Case ID	Test Objective	Pre conditions	Steps	Test data	Expected result	Post Condition	Actual Result	P/F
1.	Verify admin login with username & password	Admin should be registered with valid email ID & password before login	Click on login tab and enter the valid username & password.	Email-id: admin@gmail.com Password:1111	System displays admin dashboard	Admin should be kept logged in until logout	Error with database	Fail
2.	Verify admin login with username & password	Admin should be registered with valid email ID & password before login	Click on login tab and enter the valid username & password.	Email-id: admin@gmail.com Password:1111	System displays admin dashboard	Admin should be kept logged in until logout	As Expected	Pass

3	Verify customer with username & password	Customer should be registered with valid email ID & password before login	Click on login tab and enter the valid username & password.	Email-id: monika123@gmail.com Password:123456	System displays Customer dashboard	Customer should be kept logged in until logout	As Expected	Pass
4	Verify user with invalid username & password	User is not registered with valid email ID & password	Click on login tab and enter the valid username & password	Email-id: xyz@gmail.com Password:123456	Display error message login failed	Redirect to login page	As Expected	Pass
5	Forgot Password	User should be registered with valid email ID & password before login	Click on forgot password link and enter registered email id .Reset password link will be send to your email id.	Email-id: monika1@gmail.com	User will get reset password link into his email id.	Redirect to Reset password page	Not redirected Reset password page	Fail
6	Forgot Password	User should be registered with valid email ID & password before login	Click on forgot password link and enter registered email id .Reset password link will be send to your email id.	Email-id: monika1@gmail.com	User will get reset password link into his email id.	Redirect to Reset password page	As Expected	Pass

- **Registration Page Test Cases:-**

Test Case ID	Test Objective	Pre conditions	Steps	Test data	Expected result	Post Condition	Actual Result	P/F
1.	Register new user	User must have valid required details for registration i.e. full name, email, password. And also unique email id should be used for registration	Click on register tab and enter the details i.e. name, email, password	Name: Monika mehta Email-id: mmehta@gmail.com Password:12345678	Display a success message with Registration completed	Redirect to Login page	As Expected	Pass
2.	Register new user	Not providing completed details	Click on register tab and enter the details i.e. name, email, password	Name: Monika mehta Email-id: null Password: null	All field are required to be filled	Redirect to Register page	As Expected	Pass

- **Book Slot test cases**

Test Case ID	Test Objective	Pre conditions	Steps	Test data	Expected result	Post Condition	Actual Result	P/F
1.	Book slot	User must have valid required details for booking slot i.e. time limit (30,60,90)	Click on vacant computer and book slot for 30,60,or 90 mins	Enter time as 30 mins	Display the timing for booking	Redirect to home page	As Expected	Pass
2.	Book slot	User have Invalid required details for booking slot	Click on guest computer and try to book slot	Try to enter different time and non-vacant computer	Display the timing for booking is wrong	Redirect to home page	Wrong details entered	Fail

5.5 Defect report

Defect Id	Defect Description	Steps to reproduce	Severity	Created By	Assigned To
1	Not Redirecting to login page after registration	1) Go to register page 2) Add the details of user 3) click on submit button 4) Not redirect to login page	High	Monika	Monika
2	Unable to book slot	1)Login with credentials 2)Check for slots 3)Click on vacant computer to book slot 4)Unable to add slots	High	Monika	Monika
3	Admin is unable to add user as guest	1)Login with admin credentials 2)Check for vacant computer 3)Click on vacant computer to book slot 4)Unable to add slots	High	Monika	Monika
4	Unable to add details on my information	1)Login with credentials 2)Go to my information 3)Change name, phone no or any details. 4)Changes not visible	High	Monika	Monika
5	Not Able to generate report	)Login with credentials 2)Go to Report page 3)Report are not downloadable	High	Monika	Monika

Chapter-6
Limitations of Proposed System

- **Limitations**

- If the master data values are changed, it won't be reflected on previously stored data.
- There should be at least one record in each of the master data table.
- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- User need to change it through Success factor.

Chapter- 7
Proposed Enhancements

- This software has a very user-friendly interface. Thus the user will feel very easy to work on it.

- By using this system admin can manage their booking slots and other facilities easily.

- We will also like to add such a functionality where the user will be able get the vacant and guest computer update or notifications.

- We will like to add voice assessment to our project for eg: siri , alexa so that user will be able to book slots easily.

- We can also implement SMS service for real-time updates.

Chapter-8
CONCLUSION

The main purpose of Cyber café management System is to facilitate easy processing of booking slots for next day.

- The system provides a great flexibility for the admin team and the users.
- It helps in maintaining efficient communication between user's and the managers regarding the booking requests.
- The system helps to reduce greater amount of manual work.
- The system also help owner to getexpense details for daily and year basis
- It also gives reports for further evaluations.

Chapter-9

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Chapter 10
User Manual

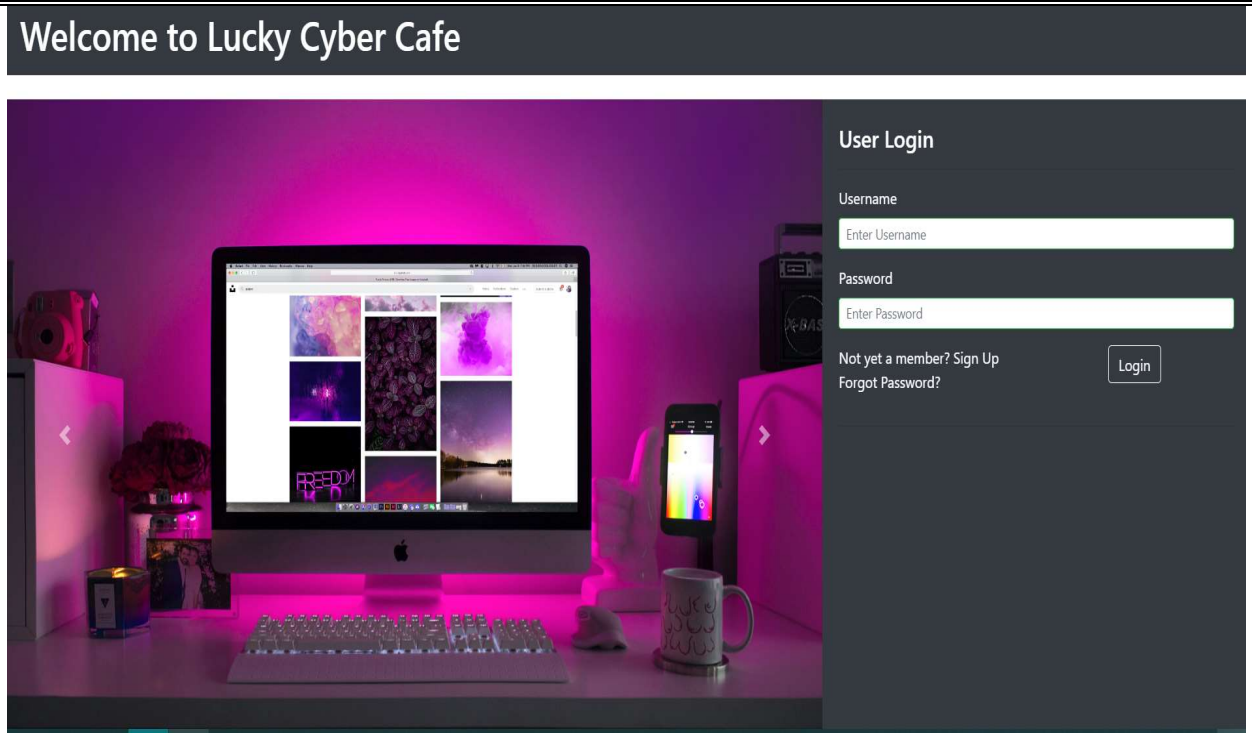
For any system to be successful it is important that the intended user find the system easy to operate. The purpose of the user manual is to make user acquainted with the system and help user understand the system and operate it conveniently. The User Manual is prepared reflexively because it is an item that must accompany every system. The manual contains several screenshots that describes how to use the entire system. This Manual helps user to navigate efficiently through the system and help user to solve issues wherever they occur.

- The system contains following users:
  - o User/Customers
  - o Manager
  - o Admin

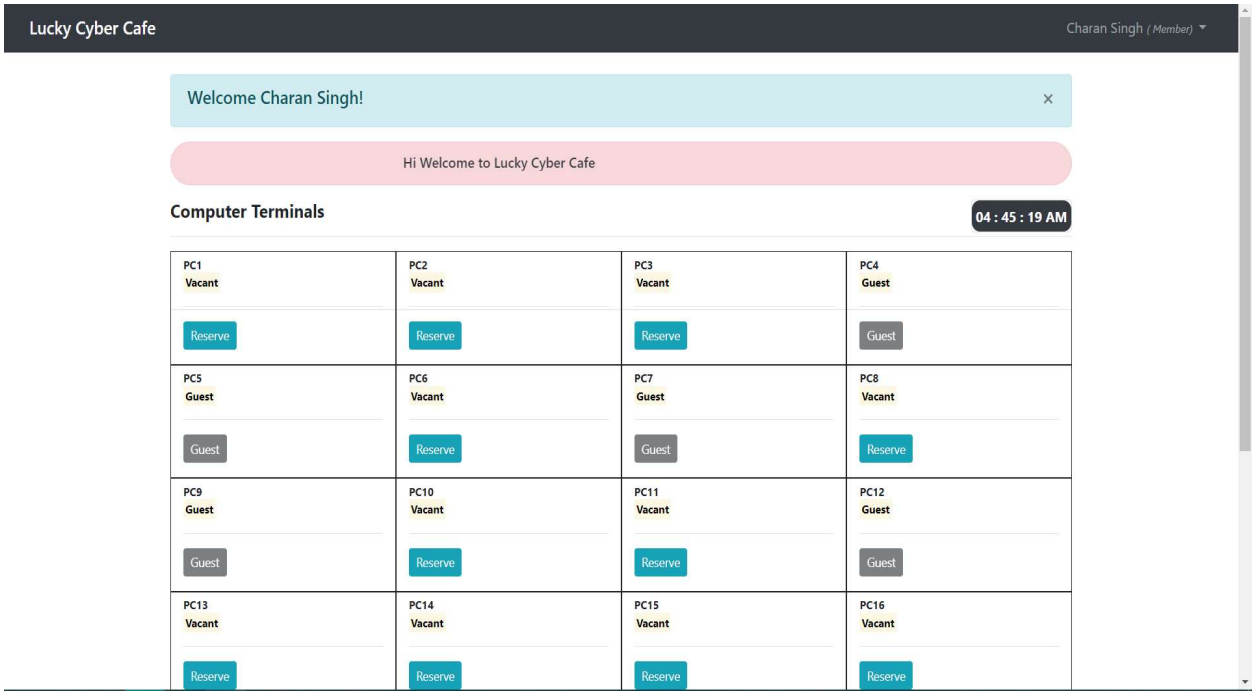
- The system has following features:
  - o User Registration
  - o Booking slots
  - o Approval/Rejection of members
  - o Editing of User data tables
  - o Report generation

Working of the system

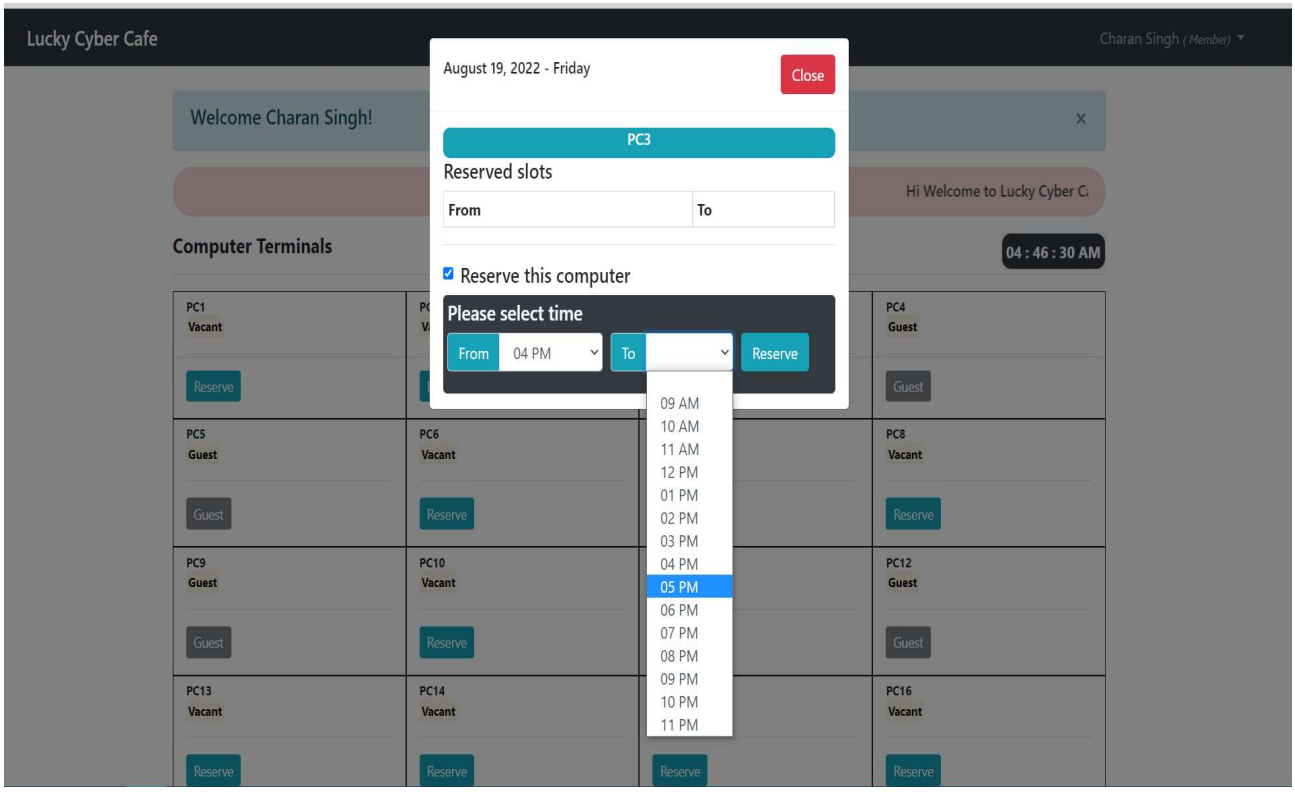
- Log in into the system using credentials. You are redirected to dashboard after successful credential verification of Username and Password.



After login you will see dashboard



Here you can book slot



If slot is book it show like this