



ATSS's  
Institute of Industrial & Computer Management & Research,  
Nigdi

Academic Year 2021-2022

MCA 4<sup>th</sup> Sem

Mini Project Synopsis

# **Lucky Cyber Cafe**

Team member: Monika

Guide name : Mrs. Preetha Praseedh



# Content

1.Existing System

---

2.Need of Proposed system

---

3.Objectives of proposed system

---

4.Problem Statement

---

5.Scope of the proposed System

---

6.Techonology Description

---

7.Hardware -Software requirement

---

8.Expected GUI screen

# 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.

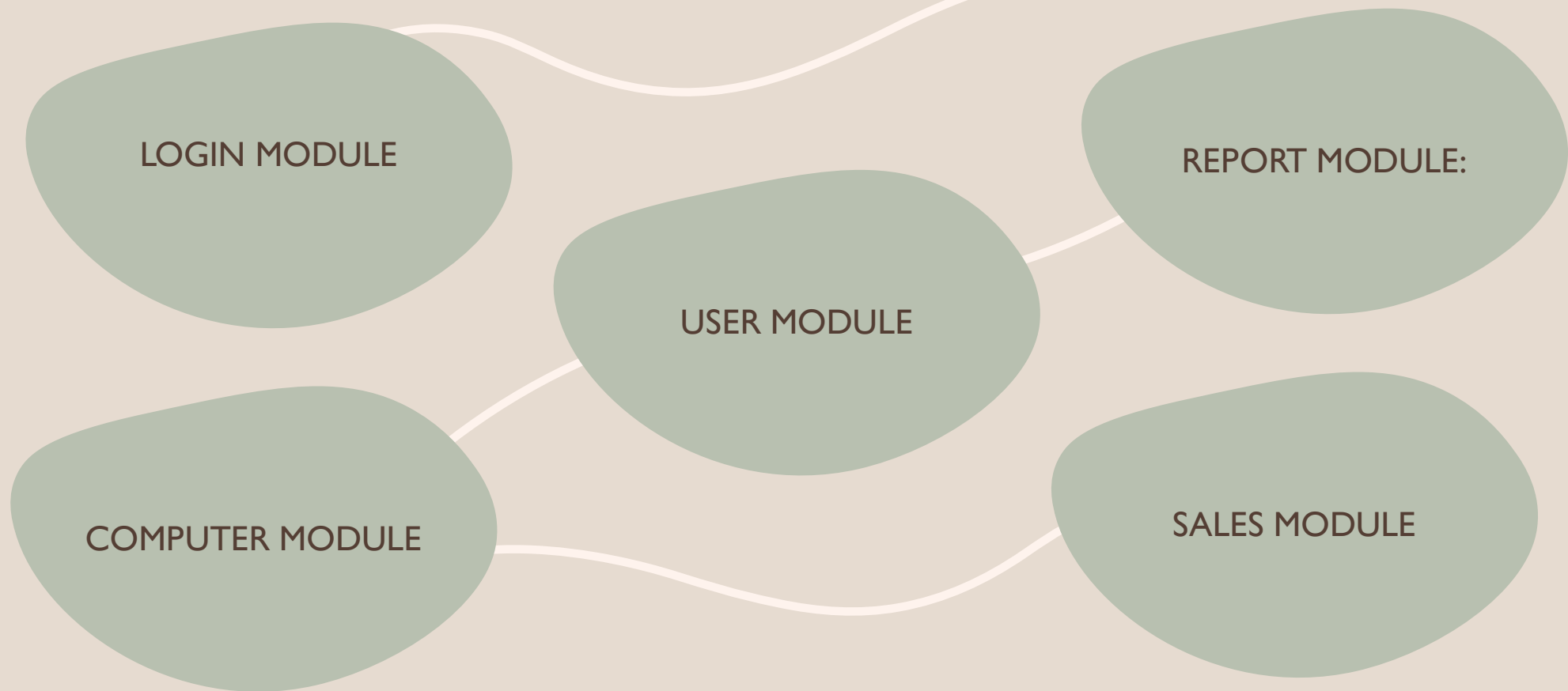
# Objectives of the Proposed System

- 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.

# Problem Statement

- The purpose of the project is to automate cyber cafes. The software must include provisions to keep user details and login-logout history. It should help the cafe owners to retrieve user details when needed. It should help the cafe owner in calculating daily usage of the systems and income.

# Scope of the proposed System



# Technology Description

Front End Language	HTML, CSS, JavaScript, Bootstrap
Back End Language	MySQL, PHP
Web server	Xampp Server
Tools	VS Code, Notepad++
Framework	Bootstrape
Database	MySQL



# Hardware-Software Requirements

## o 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-Software Requirements

## ○ 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

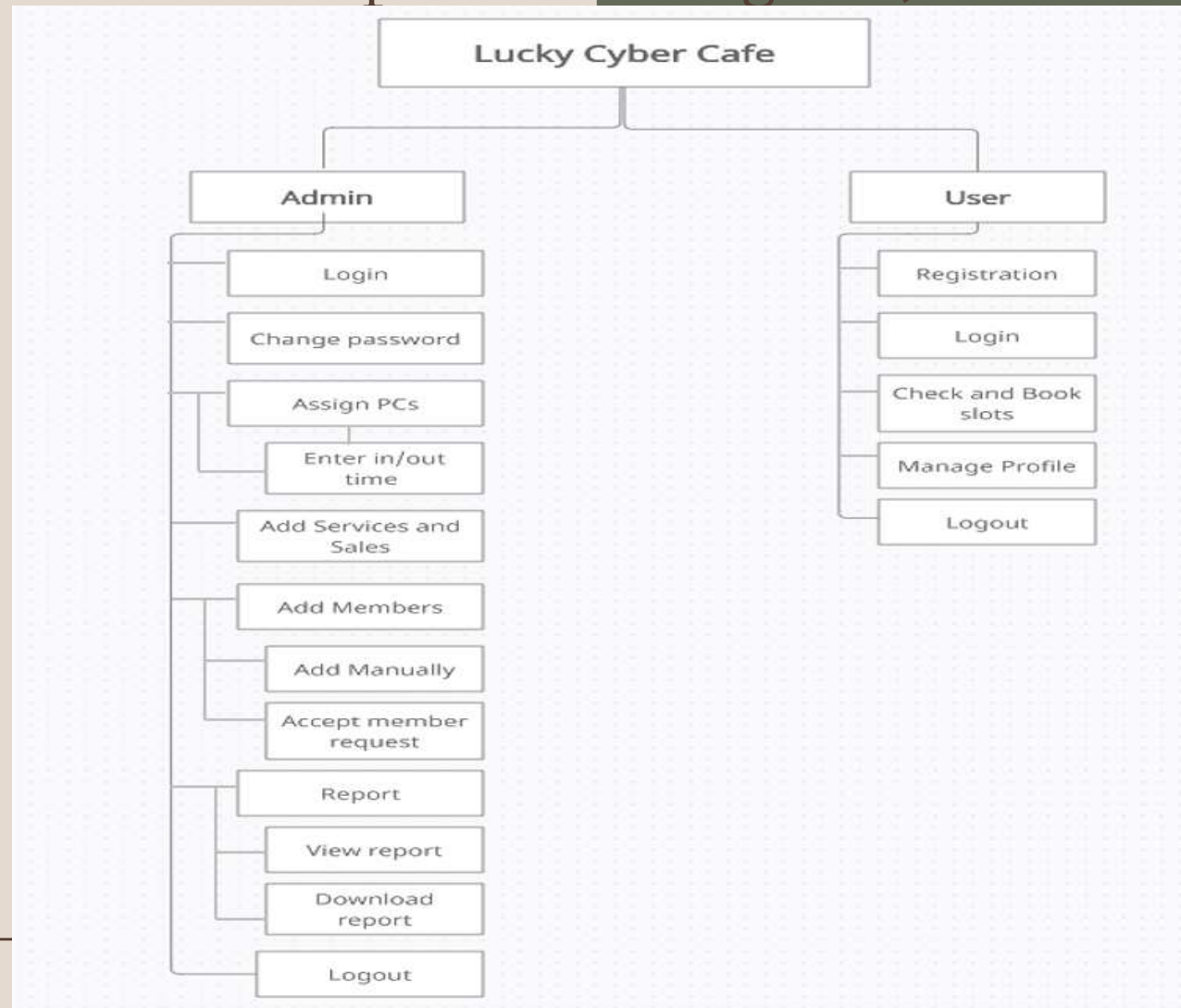
- Monitor: 15VGA Color
- Hard disk: Minimum 40 GB

# Expected GUI Screens:

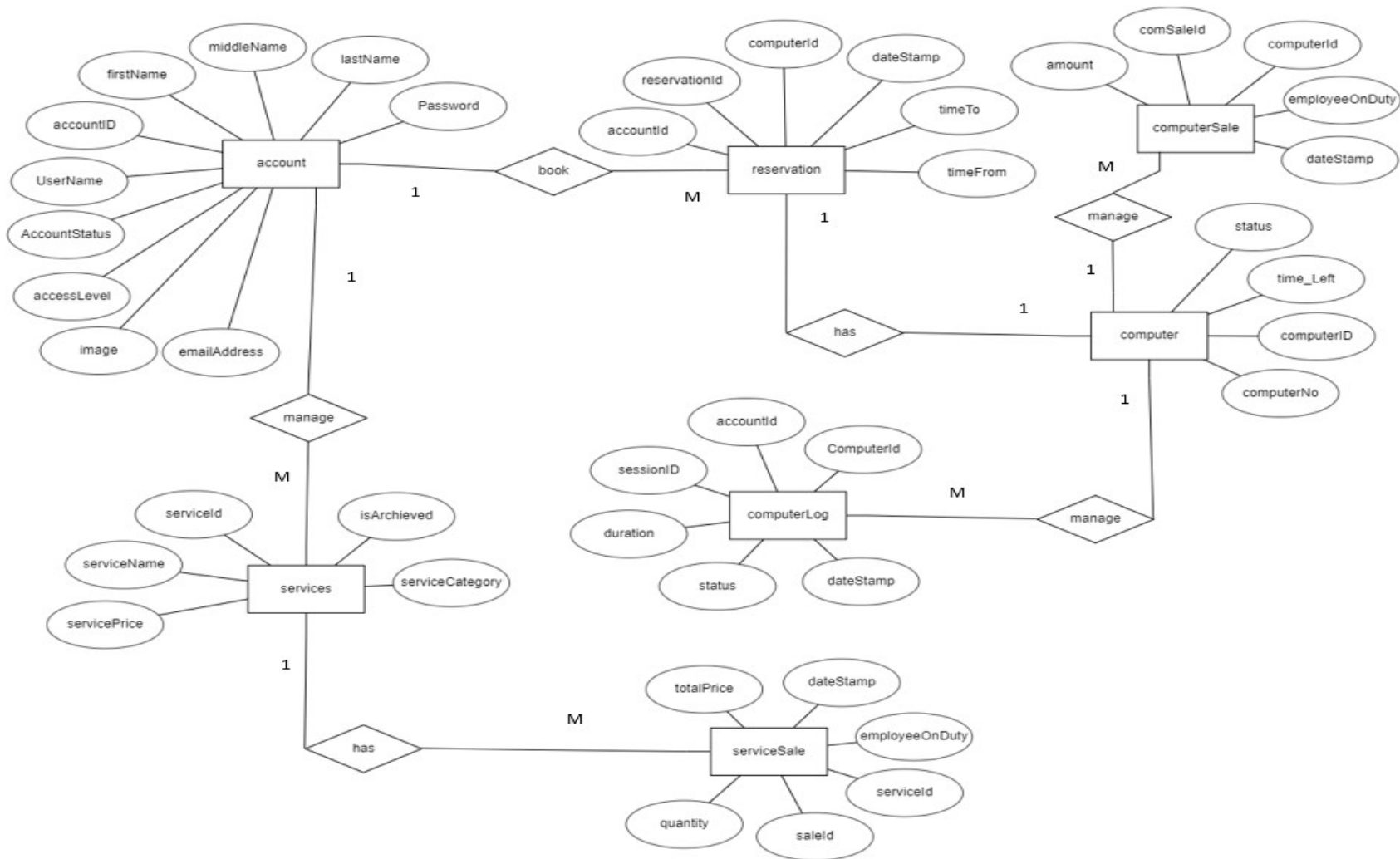
- Login Page
- User Profile
- Admin Profile
- Computer Page(Vacant & Guest PCs)
- Slots booking Page
- Sales Page
- Members page
- Report Page



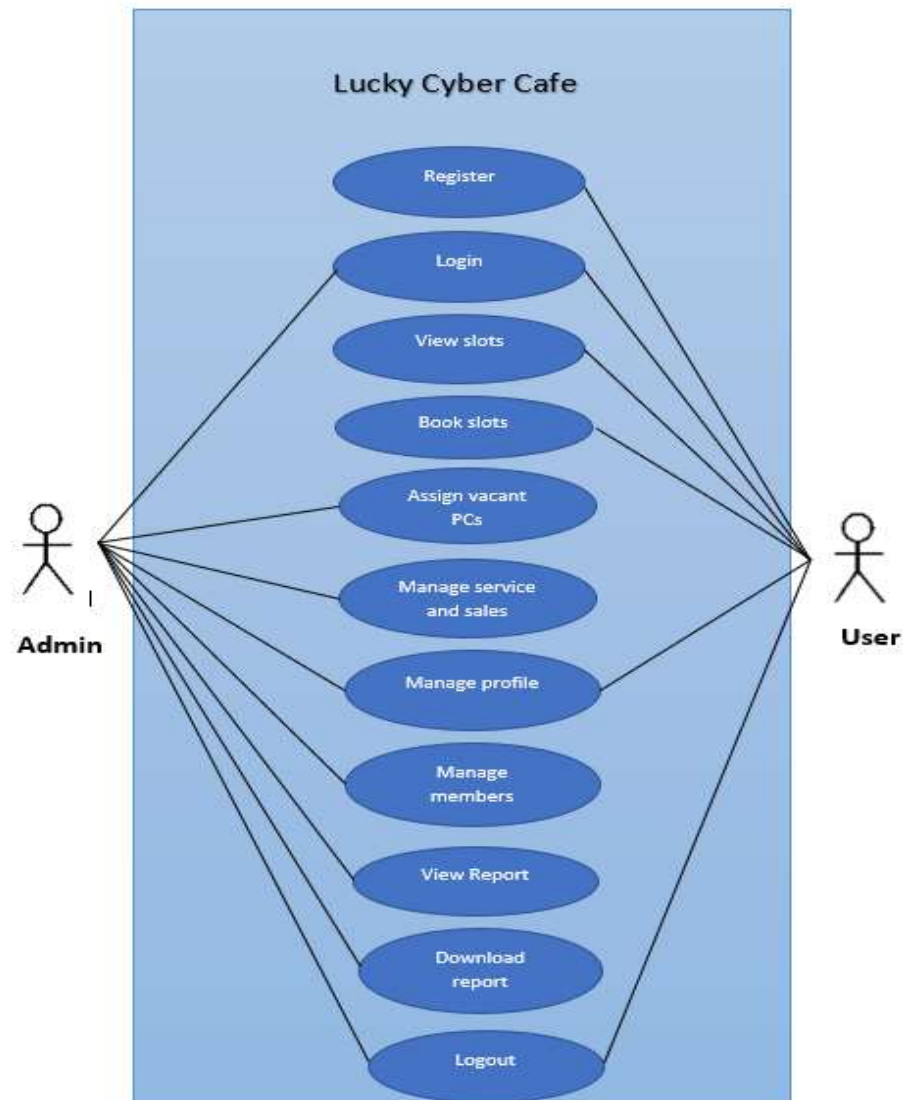
# FDD (Functional Decomposition Diagram)



# ER-Diagram



# Use Case diagram



# Table design

- accounts

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



- Computer

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

- computerlog

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



- 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	

- 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	

- services

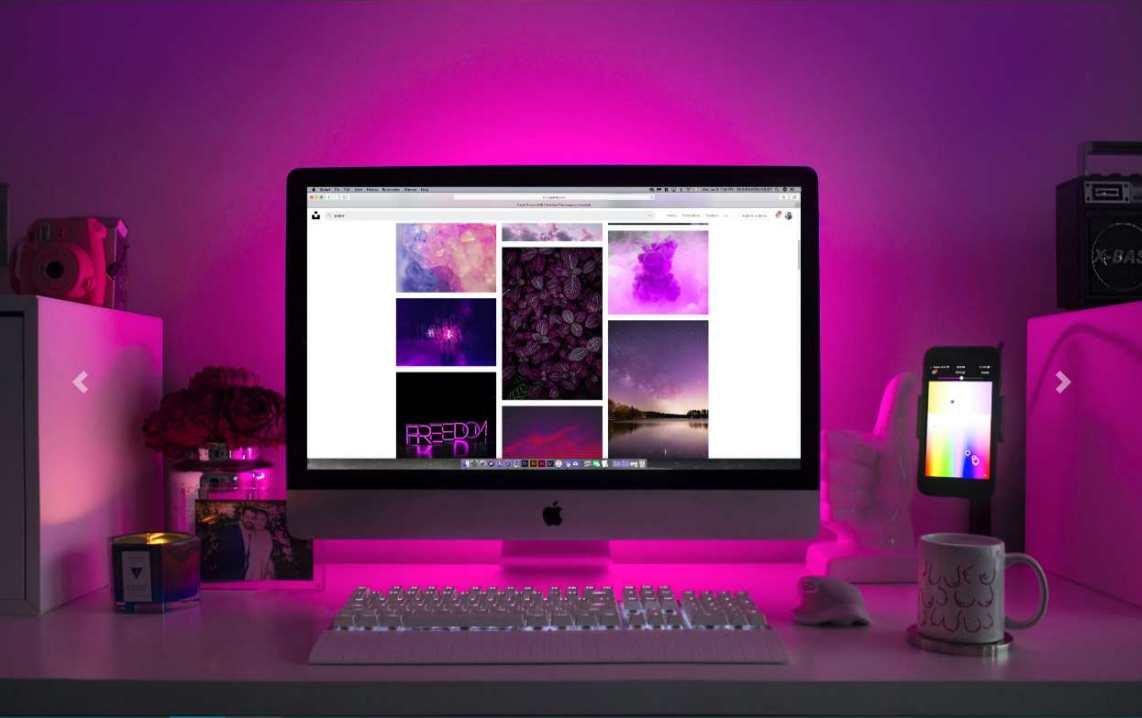
Field	Type	Null	Key	Default	Extra
serviceID	int(11)	NO	PRI	<i>NULL</i>	auto_increment
serviceCategory	varchar(50)	NO		<i>NULL</i>	
serviceName	varchar(50)	NO		<i>NULL</i>	
servicePrice	int(11)	NO		<i>NULL</i>	
isArchived	tinyint(1)	NO		0	

- servicesale

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

# Input-Output Screens

Welcome to Lucky Cyber Cafe



### User Login


Username

Password

Not yet a member? [Sign Up](#) [Forgot Password?](#)

# Admin login

**Lucky Cyber Cafe**   Main Module   All Employees ▾   All Members   Services

 Lucky Cafe (Admin) ▾

Welcome Lucky Cafe! ×

Computer Terminals   Sales   Reports

04 : 38 : 25 AM

PC1 Vacant	PC2 Vacant	PC3 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	PC17 Guest	PC18 Vacant	PC19 Vacant	PC20 Vacant
PC21 Vacant	PC22 Vacant	PC23 Vacant	PC24 Vacant	PC25 Vacant

localhost/lucky Cyber Cafe/main.php#

Lucky Cyber Cafe



Welcome Lucky Cafe!



Computer Terminals

Sales

Reports

04 : 39 : 22 AM

## Sales ( August 10, 2022 - Friday)

Sale	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

Add to sale

Clear



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





Manage

Create User

## Lucky Cafe Employees



Search employee

First Name	Last Name	Access Level	Actions
Lucky	Cafe	Admin	<a href="#">View</a>
Monika	Mehta	Admin	<a href="#">View</a>
Anita	Singh	Attendant	<a href="#">View</a>

## Create Employee Account

First Name	Middle Name	Last Name	
<input type="text" value="Ex. Monika"/>	<input type="text" value="(Optional)"/>	<input type="text" value="Ex.Mehta"/>	
Email Address	Contact No		
<input type="text" value="monikamehta@email.com"/>	<input type="text" value="9123456789"/>		
Type	Username	Password	Confirm Password
<input type="text" value="Attendant"/>	<input type="text" value="admin"/>	<input type="password" value="*****"/>	<input type="text"/>
		Password must be 8-20 characters long	
		<input type="button" value="Create User"/>	<input type="button" value="Cancel"/>

Lucky Cyber Cafe



Show  entries[Export](#)Search: 

First Name	Account Status	Action
Charan	active	<a href="#">View</a>
Pooja	active	<a href="#">View</a>

Showing 1 to 2 of 2 entries

[Previous](#) [1](#) [Next](#)



## Services

[Add Service](#)

## Services



Search Service...

Category	Service	Unit Price	Actions	
Downloads	Game	20	<a href="#">Edit</a>	<a href="#">Delete</a>
F&B	Cold Drink (8 oz)	12	<a href="#">Edit</a>	<a href="#">Delete</a>
F&B	Cold Drink (12 oz)	17	<a href="#">Edit</a>	<a href="#">Delete</a>
F&B	Chips (Small)	15	<a href="#">Edit</a>	<a href="#">Delete</a>
F&B	Chips (Big)	30	<a href="#">Edit</a>	<a href="#">Delete</a>
Print/Scan	Print (Short)	2	<a href="#">Edit</a>	<a href="#">Delete</a>
Print/Scan	Print (Long)	4	<a href="#">Edit</a>	<a href="#">Delete</a>
Print/Scan	Scan	10	<a href="#">Edit</a>	<a href="#">Delete</a>
Print/Scan	Color Print	10	<a href="#">Edit</a>	<a href="#">Delete</a>



Services

Add Service

Services



Search Service...

Category	Service	Unit Price	Actions	
Downloads	Game	20	Edit	Delete
			Edit	Delete
			Edit	Delete
			Edit	Delete
			Edit	Delete
			Edit	Delete
Print/Scan	Scan	10	Edit	Delete
Print/Scan	Color Print	10	Edit	Delete

## Add Service



Select Category

Downloads ▾

Service Name

Price

Close

Add Service

## Edit Account

### Lucky Cafe

Profile Picture



No file chosen

First Name

Middle Name

Last Name

Mobile Number

# User login

**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!

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 Reserve	PC2 Vacant Reserve	PC3 Reserved Close	PC4 Guest Guest
PC5 Guest Guest	PC6 Vacant Reserve	PC7 Guest Guest	PC8 Vacant Reserve
PC9 Guest Guest	PC10 Vacant Reserve	PC11 Guest Guest	PC12 Guest Guest
PC13 Vacant Reserve	PC14 Vacant Reserve	PC15 Guest Guest	PC16 Vacant Reserve

Hi Welcome to Lucky Cyber Cafe

04 : 46 : 30 AM

Lucky Cyber Cafe

Charan Singh (Member)

Computer reserved!

×

August 19, 2022 - Friday

Close

PC3

Reserved slots

From	To
04:00PM	05:00PM

☐ Reserve this computer

Computer Terminals

04 : 47 : 11 AM

<div>PC1</div> <div>Vacant</div> <div>Reserve</div>	<div>PC2</div> <div>Vacant</div> <div>Reserve</div>	<div>PC3</div> <div>Vacant</div> <div>Reserve</div>	<div>PC4</div> <div>Guest</div> <div>Guest</div>
<div>PC5</div> <div>Guest</div> <div>Guest</div>	<div>PC6</div> <div>Vacant</div> <div>Reserve</div>	<div>PC7</div> <div>Guest</div> <div>Guest</div>	<div>PC8</div> <div>Vacant</div> <div>Reserve</div>
<div>PC9</div> <div>Guest</div> <div>Guest</div>	<div>PC10</div> <div>Vacant</div> <div>Reserve</div>	<div>PC11</div> <div>Vacant</div> <div>Reserve</div>	<div>PC12</div> <div>Guest</div> <div>Guest</div>
<div>PC13</div> <div>Vacant</div> <div>Reserve</div>	<div>PC14</div> <div>Vacant</div> <div>Reserve</div>	<div>PC15</div> <div>Vacant</div> <div>Reserve</div>	<div>PC16</div> <div>Vacant</div> <div>Reserve</div>

## Edit Account

**Charan Singh**

Profile Picture



No file chosen

First Name

Charan

Middle Name

Last Name

Singh

Mobile Number

955552154



The background features a light beige base with large, soft-edged shapes in muted olive green and terracotta red. In the upper left, there is a delicate line drawing of a plant with several leaves. On the right side, a thin, white, wavy line meanders vertically.

thank you