

PROJECT REPORT ON
BEAUTY SALON
UNDER THE GUIDANCE OF
Ms. Nancy Nelson
SUBMITTED BY
Mahika Gupta
UNIVERSITY OF MUMBAI
S.Y.B.Sc (COMPUTER SCIENCE) UNDER THE
ACADEMIC YEAR: 2022-2023
BHARTIYA VIDYA BHAVAN'S
MM COLLEGE OF ARTS, NM COLLEGE OF
COMMERCE &
HRJ COLLEGE OF COMMERCE
BHAVAN'S COLLEGE
MUNSHI NAGAR, ANDHERI (WEST),
MUMBAI – 400058



**BHARTIYA VIDYA BHAVAN'S
MM COLLEGE OF ARTS, NM COLLEGE OF COMMERCE &
HRJ COLLEGE OF COMMERCE**

**BHAVAN'S COLLEGE
MUNSHI NAGAR, ANDHERI (WEST),
MUMBAI – 400058
BHARATIYA VIDYA BHAVAN**

BHAVAN'S COLLEGE, ANDHERI (W)

CERTIFICATE

This is to certify that **Ms Gupta Mahika Santosh** of the class
S. Y. B. Sc. Computer Science has satisfactorily completed the
practical course in **BH.USCS307** as prescribed by the University of
Mumbai during the academic year **2022-23**

Signature
Staff In Charge

Signature
**Computer Science
Coordinators**

Signature
Examiner

College Stamp

**** Contact ******9768125402****Sheela Singh****Shreya's Beauty Salon****TO WHOM EVER IT MAY CONCERN**

This is to confirm that Ms. Gupta Mahika Santosh from Bhavan's college, Andheri (w) Mumbai- 400058, currently pursuing S.Y.BSC.CS , 2022-23, has developed software for our organization as per requirement given.

Our organization has no objection and permits into carry out the above mention project work at our organization permits.

A handwritten signature in blue ink that reads "Sheela".

Sheela Singh

ACKNOWLEDGEMENT

I would like to express my sincere gratitude towards the Computer Science Department of Bhavan's College.

After months of hard work, finally I am delighted to present my project. The Project making was full of new experiences, learning and difficult one too. Though a difficult job it was made simpler by the timely guidance received, which helped me greatly in the completion of my project. But it wouldn't be right to do so without thanking to those who have helped me in converting our thought into reality. So I would like to take full advantage of this opportunity to thank each and every person who has helped me throughout the completion of our project.

I am obliged to my parents & family members who always support me greatly and encouraged me in each and every step. I give my special thanks and sincere gratitude towards the Principal Dr. Zarin Bathena , Head of SFC Prof.[name] and Head of Department(Computer Science) Prof. Mrs. Krupa Balsara Kamdar. I owe my sincere thanks to our Project guide Prof Ms. Nancy Nelson for their constant support and encouragement without which the successful completion of this project would have been impossible. They have been instrumental for making me concentrate and focus my effort in this project. And last but not the least the entire college staff.

I would like to give thanks to my client Ms. Sheela Singh for helping me in my project. Finally I would like to thank each and every individual who directly or indirectly contributing for this project.

Thank-you

Index

Sr. No.	Topics	Page No.
1.	Preliminary Investigation	9
	1.Organizational Overview	9
	2.Description of System	9
	3.Limitations of present system	9
	4.Proposed system	9
	5.Number Of Modules	10
	6.Advantages of Proposed system	10
	7.Requirement Specification:	10
	8.Software/hardware	10
2.	System Analysis	
	1.Fact Finding Techniques	15
	2.Event Table	15
	3.Use Case Diagram	16
	4.ERD (Entity Relationship diagram)	18
	5. Class diagram	16
	6. Object Diagram	16
	7. Activity Diagram	20
	8. Sequence diagram	19
	9. Site Map	19
3.	System Design	
	1.Deployment Diagram	23
4.	System Coding	
	1.List of tables with attributes and constraints	25
	2.Program Description with code	26
	4.4 Validations	33
	4.5 Test Cases, Test Data and Test Results	34
	4.6 Screen Layouts	35
5.	Future Enhancements	39
6.	Conclusion	39
7.	References and bibliography	39

List of Figures:

<u>Sr. No.</u>	<u>Names</u>	<u>Pg.no</u>
1.	Use Case Diagram : Admin	17
2.	Use Case Diagram : Staff	17
3.	Use Case Diagram : Customer	18
4.	ER Diagram	18
5.	Activity Diagram : Admin	20
6.	Activity Diagram : Customer	20
7.	Activity Diagram : Staff	21
8.	Class Diagram	16
9.	Object Diagram	16
10.	Sequence Diagram	19
11.	Deployment Diagram	23

1. Preliminary Investigation

1.1 Organizational Overview :**Beauty Salon**

- The name of the salon is “Shreya’s Beauty Salon”. The address of the shop is Tarun Bharat, Andheri (East).
- It was started by Mrs. Sheela Singh in the year 2010.
- In this salon different types of services are available
- Such as –
 - Hair:- Here one can choose between hair colour and haircuts of desired choice.
 - Spa:- Here one can choose between different types of spa according to their need.
 - Skin :- Here one can choose between different types of treatments and makeup of desired choice.

1.2 Description of the system :

- Present system is a manual system.
- All the records of Employees, Customers, and Payments are kept in various registers and files.
- If the Customer comes then the bookings are done by staff.
- The customer chooses the service that is displayed in the book of the parlour and accordingly books for appointment.
- After the service they pay to the owner of the parlour.

1.3 Limitation Of The System :

- It is very tedious job to keep all records of Customers, Employees and cost of various services.
- The customer has to personally go the parlour in order to know about the services.
- Hence it reduces the customer interaction.
- To search for details of any particular entry has to refer many Registers.
- Hence the present system is quite unreliable.
- The customers who haven’t visited yet have no way of learning about the services.

1.4 Proposed System:

- The proposed system is a website that will make the salon globally known as everybody will be able to see the services online and the customer can book the appointment with utmost convenience.
- In this website the customer will come to know about the available services in the salon and the customer can choose from a large range of the services, which increases the choice of the customer.
- First of all, the customer has to login to the website.
- Then the customer can then see all the services with its description and the price.
- The services are categorized such as hair, skin and spa etc.
- Once the customer has chosen the service they can book their appointment.
- Finally, the customer will view their service along with its respective price and checkout.
- After getting desired service done the users can also add their genuine feedback.
- Once the appointment is booked they can come on the respective day.

1.5 Number Of Module:

- Login module There are three login i.e for admin, user and staff.
- Admin login: Admin can view, delete and add staff. Admin can also view feedback n the lined up appointments.
- Customer/User login: The customer will login n then will be redirected to a new page where they can view the services available and book accordingly.
- Staff login: The staff which already added by the admin can login and check the appointments and feedback.
- Feedback module: Here the customers can add their feedback after completion of their services.
- Book appointment: Here the customer will choose services and once they book the selected service along with its price would be displayed.
- The proposed system implements to make the task of user admin and staff hassle free and get things at the touch of one click.

1.6 Advantage Of The Proposed System:

- The proposed system implements to make the task of user admin and staff hassle free and get things done at the touch of one click.
- After the customer enjoys the experience they can give their honest feedback which will help the non-experienced customers learn about the salon. This will increase the reach of the salon.
- There cannot be collision of dates as the admin can view the dates of appointment booked.
- No need of templates and catalogues as all the services along with it's price would be seen by the customer on the website.
- All the data would be managed at one place.

1.7 Technologies Used:

• Front End

Microsoft Visual Studio 2015

• Back End

Microsoft SQL Management Studio 18

Feasibility Study

- **Operational Feasibility**
 - Based on the outline design of the system requirements in terms of inputs, output, Procedures, the technical issues raised during technical feasibility include: Does the necessary technology exist to do what is proposed?
 - Does the proposed equipment have the technical capacity to hold the data required to use in the new system?
 - Adequate responses provided by the proposed system?
 - Is the system flexible enough to facilitate expansion?
 - Is there any technical guarantee of accuracy, reliability, ease of access and data security?
 - The system developer's task is to view needed capabilities in light Of currently available technology. Our site works hand in hand with high technology. A database has to be maintained in order to update and backup data whenever required. To create databases, we use MySQL server.
- **Economic Feasibility**
 - The proposed system must be justifiable in terms of cost and benefit, to ensure that the investment in a new/ changed system provides a reasonable return.
 - Is the system cost effective?
 - Yes, the proposed system is time efficient and cost effective and will reduce human errors. It will save the organisation extra labour work.

- ▪ What is the cost of the hardware required?

Ans. The organisation already has the software and the hardware needed to implement the proposed system.

- **Resource Feasibility**

- ▪ A resource feasibility test was conducted to check the following things:
- a) Availability of manpower.
- b) The necessary skills and support on behalf of the staff.
- c) Availability of necessary infrastructure.
- ▪ The test produced the following results
- a) Each and every function is well defined.
- b) System has a very user-friendly environment.
- c) Role of each user is very well defined.

BHAVAN'S COLLEGE, ANDHERI (W)
DEPARTMENT OF COMPUTER SCIENCE

Project Documentation

PHASE COMPLETION CHART

CLASS: SY.BSc. COMPUTER SCIENCE

ROLL NO.: _____

STUDENT NAME: _____

TITLE OF THE PROJECT: _____

Phase Title	Expected Date of Completion	Actual Time of Completion with Guide's Signature	Remarks
I. Preliminary investigation			
a) Organizational Overview/Introduction	20/8/22		
b) Description of System	22/8/22		
c) Limitations	24/8/22		
d) Proposed system	24/8/22		
e) Number of Modules	24/8/22		
f) Requirement Specification Software/Hardware	24/8/22		
g) Gantt Chart	15/10/22		
II. System Analysis			
a) Fact Finding Techniques (Questionnaire)	25/8/22		
b) Use Case Diagram	24/8/22		
c) ERD	26/8/22		
d) Class diagram	27/8/22		
e) Object Diagram	27/8/22		
f) Activity Diagram	28/8/22		
g) Sequence diagram			

III. System Design			
a) Deployment Diagram	17/02/18		
IV. System Coding			
a) List of tables with attributes and constraints b) Program Description [Programs /Classes and their responsibilities in brief] with Naming Conventions c) Validations d) Test Cases, Test Data and Test Results [Write test cases for all imp. programs] e) Screen Layouts	14/9/22 17/8/22 27/8/22 22/9/22 25/9/22		
V. System Implementation	30/9/22		
VI. Project Submission	1/10/22		

Mrs. Krupa
Kamdar

Co-ordinator
Computer Science

2. System Analysis

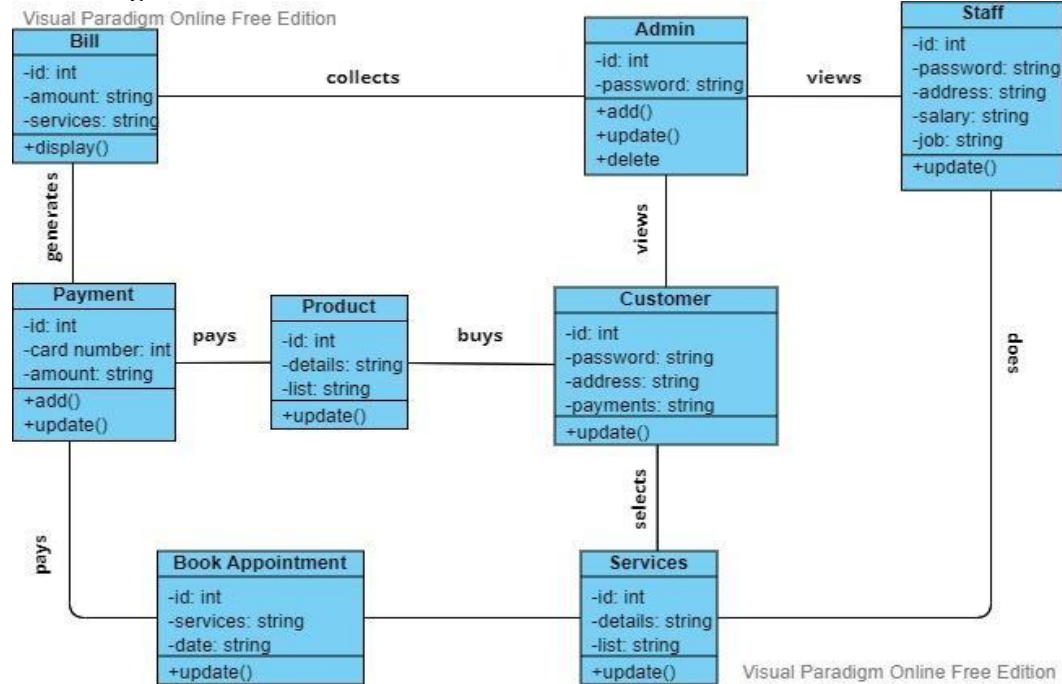
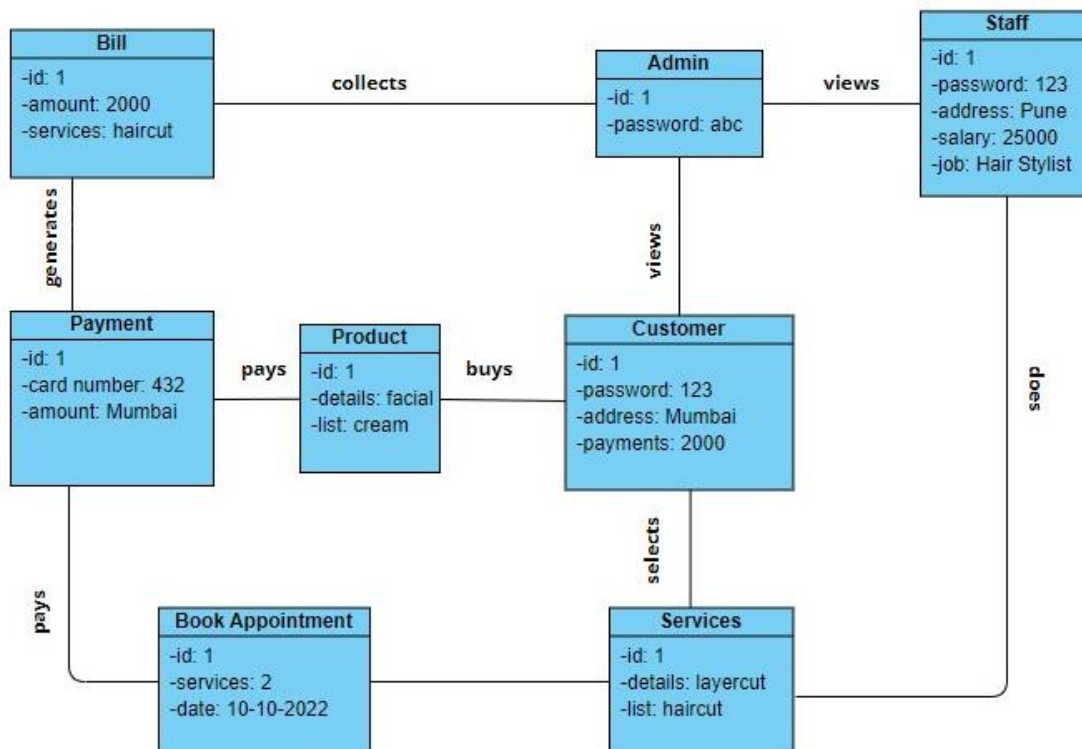
2.1 Fact Finding Technique

Questionnaire

- 1.What Are Your Goals and Objectives?
- 2.How Would You Describe Your Project?
- 3.Will You Need Specific Information or Advice?
- 4.Will You Need to Use Special Tools or Templates?
- 5.How Might Your Project Evolve over Time?
- 6.Is There A Deadline?
- 7.What is your budget?
- 8.What is your personal passion about this project? What will this mean to you when we succeed?
- 9.Why do you need an online application?
- 10.Do you want to keep any offers/discounts?
- 11.What makes your services unique?
- 12.Do you have any existing style/guidelines?

2.2 Event Table

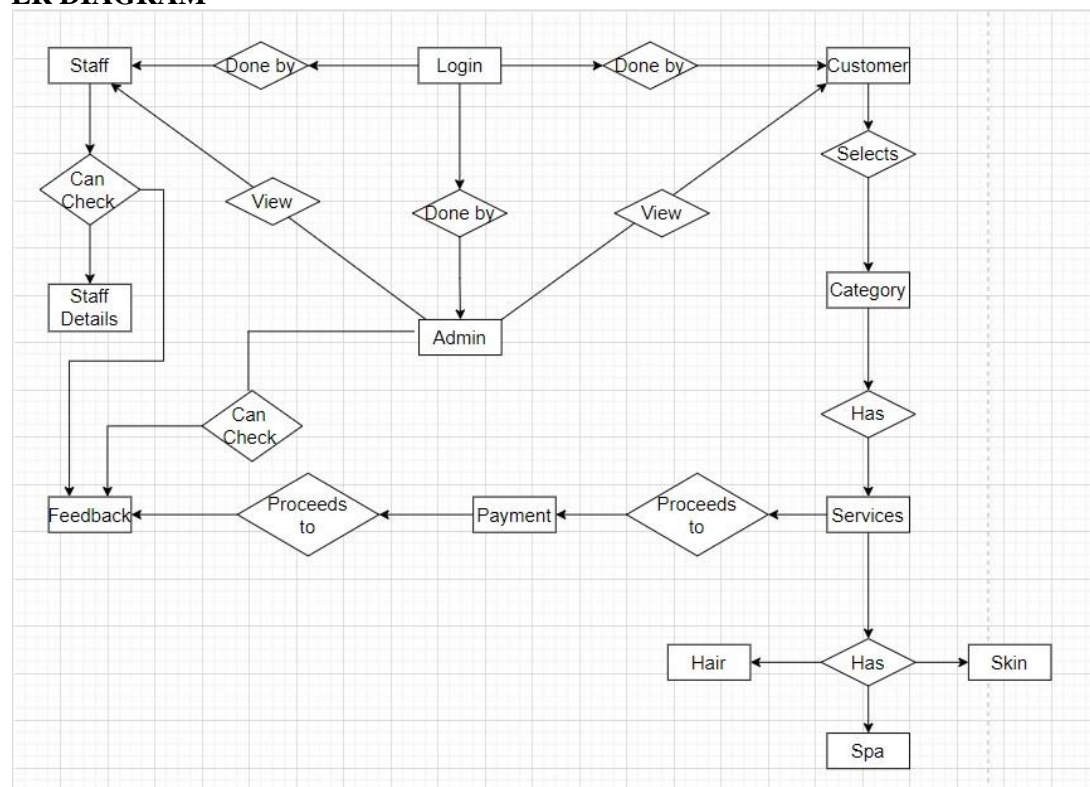
<u>Sr. No.</u>	<u>Event</u>	<u>Trigger</u>	<u>Source</u>	<u>Activity</u>	<u>Response</u>	<u>Destination</u>
1	Add new employee	New registration	Admin	Entering required details	Record entered	Employee
2	Check appointment	View appointment	Admin	Checking appointments	Record checked	Appointments
3	Check staff details	View staff details	Admin	Checking staff details	Record checked	Staff details
4	Delete staff	Delete staff details	Admin	Deleting staff details	Records deleted	Staff
5	Book appointment	Book an appointment	Customer	Booking appointment	Appointment booked	Customer appointment
6	Check feedback	View feedback	Admin	Checks feedback	Feedback Checked	Feedbacks
7	Check feedback	View feedback	Staff	Checks feedback	Feedback Checked	Feedbacks
8	Check appointment	View appointment	Staff	Checking appointments	Record checked	Appointments

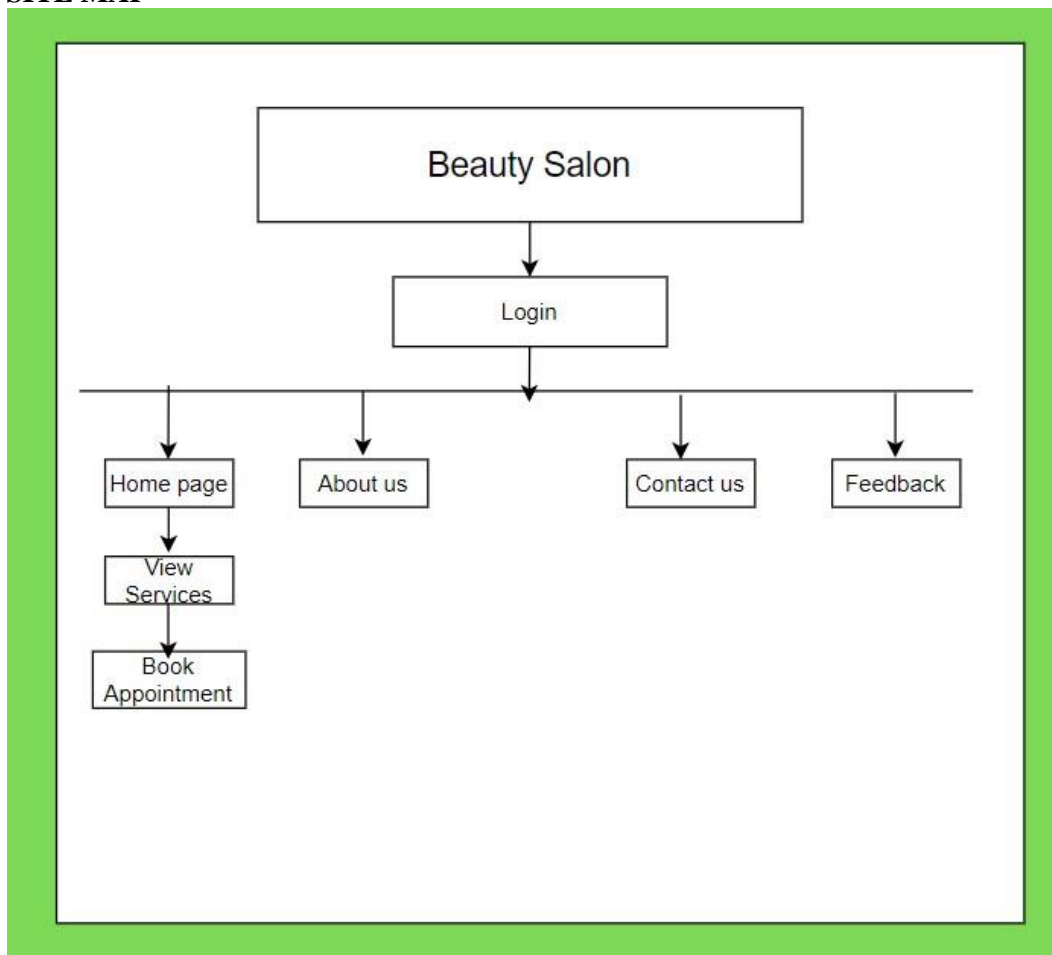
Table 1. Event Table**2.3 USE CASE DIAGRAM, SCENARIOS AND USE CASE DESCRIPTION****Class Diagram****Object Diagram**

**Use Case Diagram
Admin****Staff**

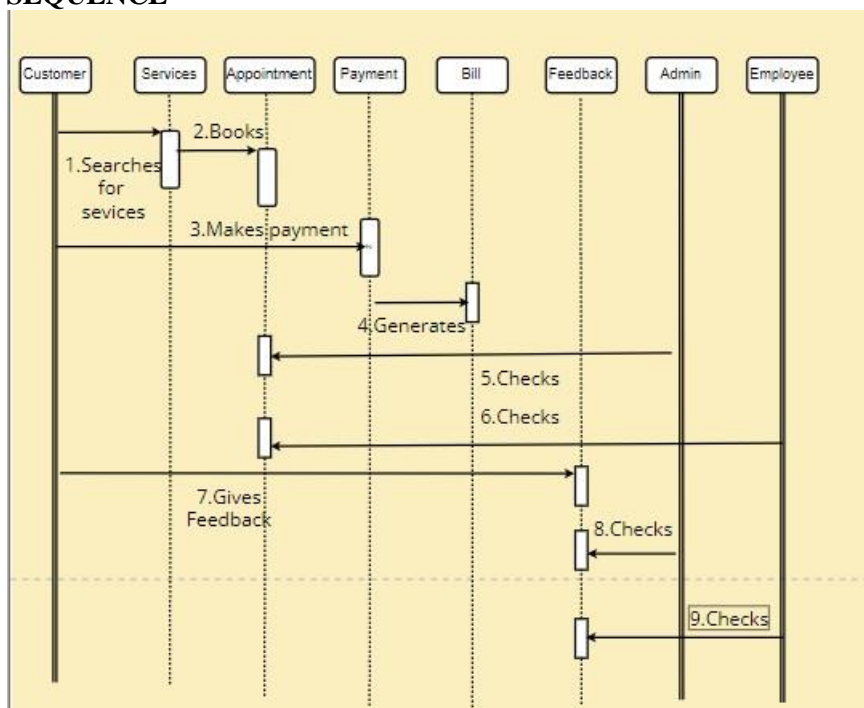


ER DIAGRAM

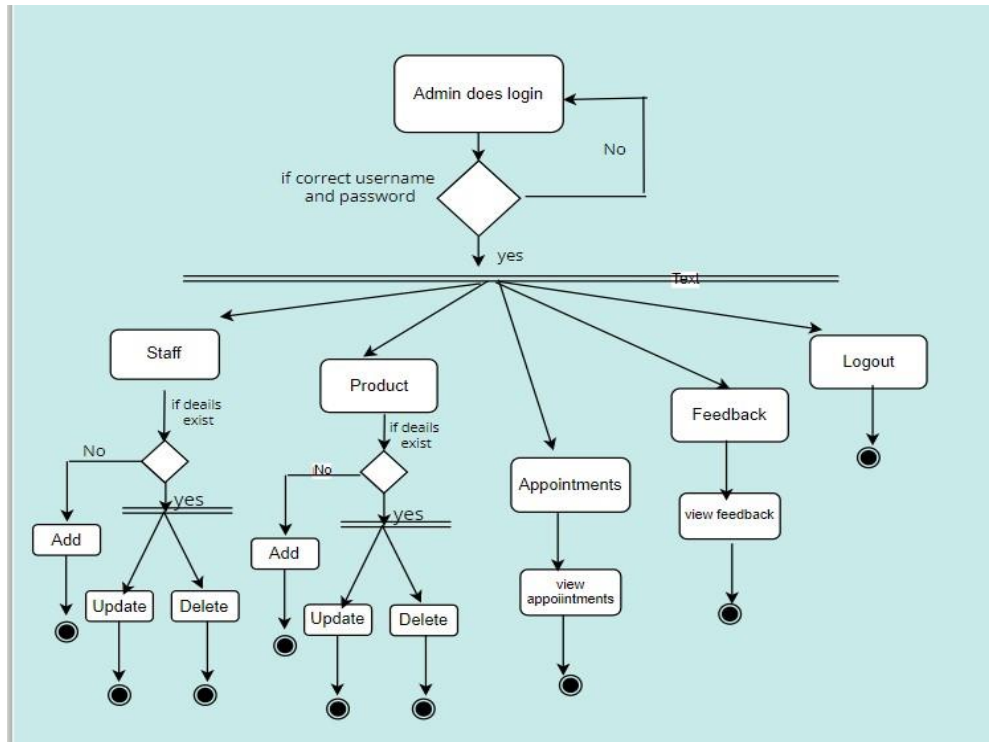




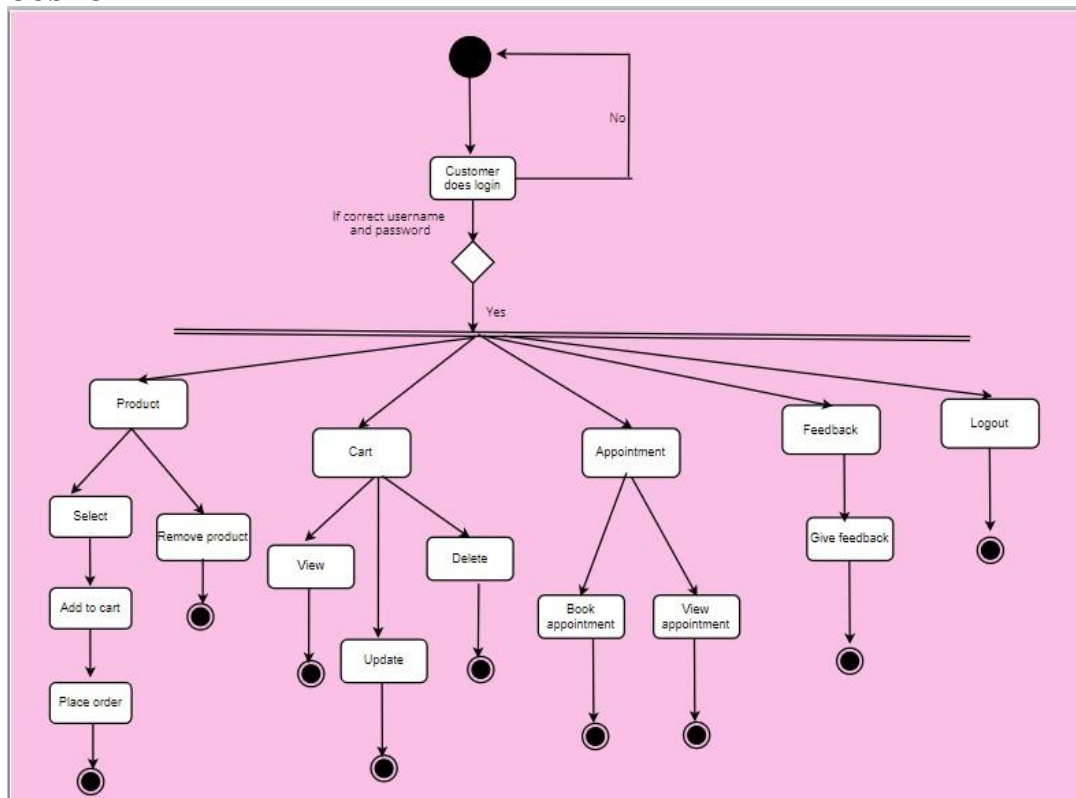
SEQUENCE

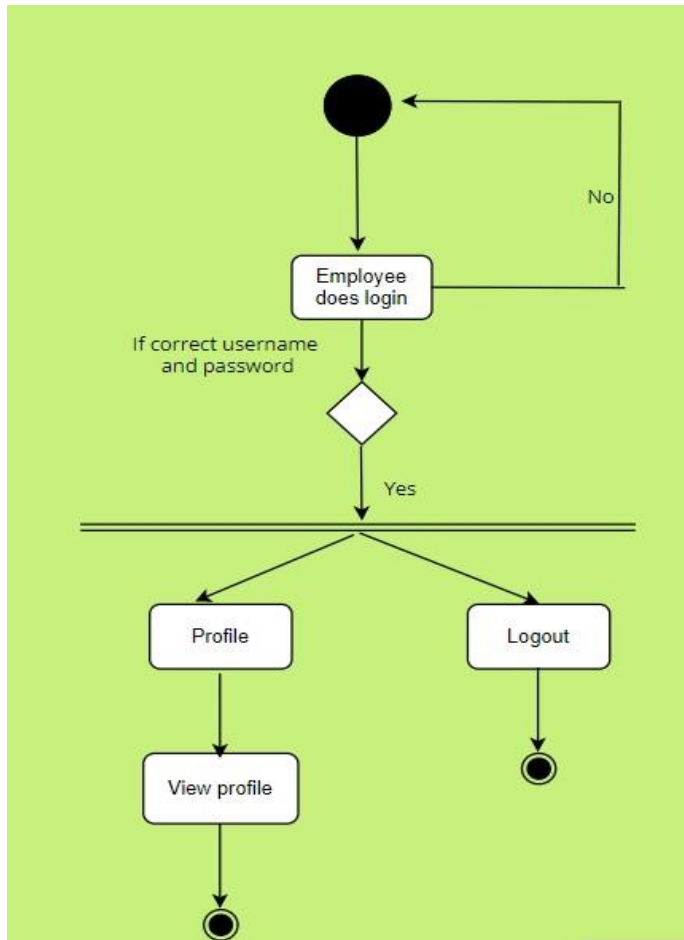


ADMIN

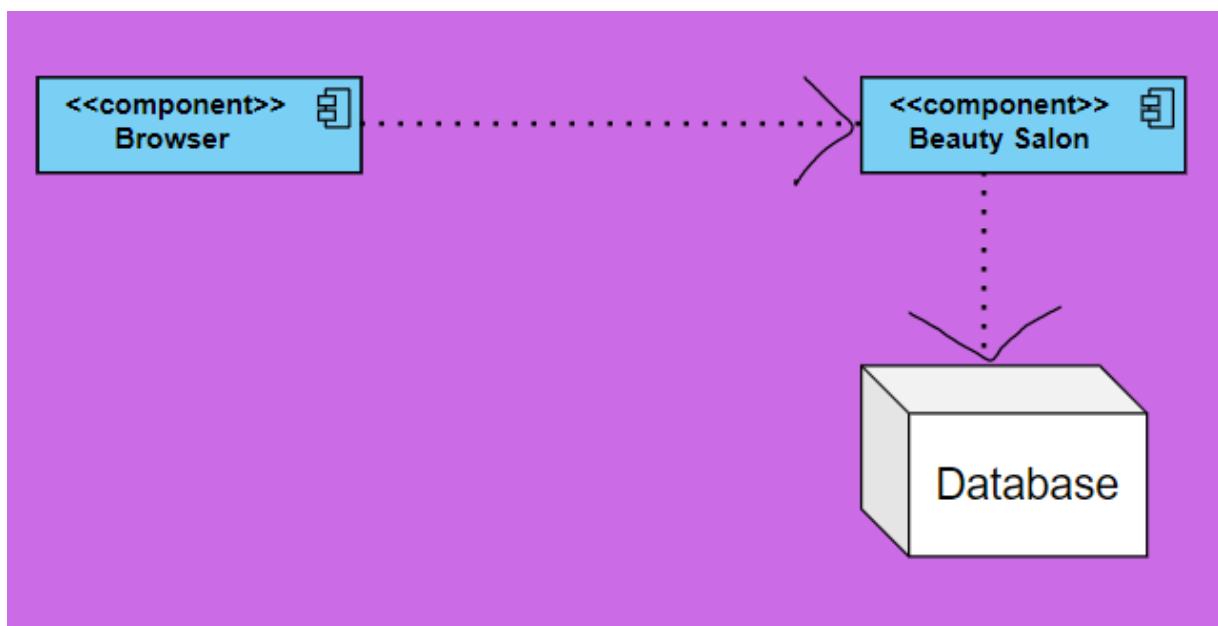


CUSTOMER





3. SYSTEM DESIGN



4. System Coding

4.1 List Of Tables With Attributes And Constraints**Table 8. Customer Registration table with Attributes and Constraints**

Field Name	Data type	Constraint	Description
Name	varchar(max)	Not Null	Customer's Name
Date of birth	date	Not Null	Customer's Date of birth
Contact	numeric	Not Null	Customer's Contact
Email	varchar(max)	Not Null	Customer's email id
State	varchar(max)	Not Null	State where customer lives
City	varchar(max)	Not Null	City where customer lives
Pincode	Numeric	Not Null	Pincode of area where customer lives
Address	varchar(max)	Not Null	Customer's address
User_id	varchar(max)	Not Null	Customer's id
Password	varchar(max)	Not Null	Customer's password

Table 9. Staff Registration table with Attributes and Constraints

Field Name	Data type	Constraint	Description
Name	varchar(max)	Not Null	Staff's Name
Date of birth	date	Not Null	Staff's Date of birth
Contact	numeric	Not Null	Staff's Contact
Email	varchar(max)	Not Null	Staff's email id
State	varchar(max)	Not Null	State where staff lives
City	varchar(max)	Not Null	City where staff lives
Pincode	Numeric	Not Null	Pincode of area where staff lives
Address	varchar(max)	Not Null	Staff's address
User_id	varchar(max)	Not Null	Staff's id
Password	varchar(max)	Not Null	Staff's password

Table 10. Admin Login table with Attributes and Constraints

Field Name	Data type	Constraint	Description
Id	varchar(max)	Not Null	Admin's name
Password	varchar(max)	Not Null	Admin's review

Table 11. Feedback table with Attributes and Constraints

Field Name	Data type	Constraint	Description
Name	varchar(max)	Not Null	Customer's name
Review	varchar(max)	Not Null	Customer's review

Table 12. Billing table with Attributes and Constraints

Field Name	Data type	Constraint	Description
Name	varchar(max)	Not Null	Customer's name
Date of appointment	varchar(max)	Not Null	Date of appointment
Contact	numeric	Not Null	Customer's contact number
Email id	varchar(max)	Not Null	Customer's email id
Service	varchar(max)	Not Null	Customer's selected service
Price	varchar(max)	Not Null	Service's price

4.2 Program Description

Admin Login:

```

<% @ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="adminlogin.aspx.cs" Inherits="BeautySalon.adminlogin" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
<div class="container">
    <div class="row">
        <div class="col-md-6 mx-auto">
            <div class="card">
                <div class="card-body">
                    <div class="row">
                        <div class="col">
                            <center>
                                
                            </center>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col">
                            <center>
                                <h3>Admin Login</h3>
                            </center>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col">
                            <hr>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col">
                            <label>Admin ID</label>
                            <div class="form-group">
                                <asp:TextBox CssClass="form-control" ID="TextBox1" runat="server"
placeholder="Admin ID"></asp:TextBox>
                            </div><br />
                            <label>Password</label>
                            <div class="form-group">
                                <asp:TextBox CssClass="form-control" ID="TextBox2" runat="server"
placeholder="Password" TextMode="Password"></asp:TextBox>
                            </div><br />
                            <div class="d-grid gap-2">
                                <asp:Button class="btn btn-success btn-block btn-lg" ID="Button1" runat="server"
Text="Login" OnClick="Button1_Click" />
                            </div>
                        </div>
                    </div>
                    <div>
                        <a href="homepage.aspx"><< Back to Home</a><br><br>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>
</asp:Content>

```

User Login:

```

<% @ Page Title="" Language="C#" MasterPageFile="~/Site1.Master" AutoEventWireup="true"
CodeBehind="usersignup.aspx.cs" Inherits="BeautySalon.usersignup" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
<div class="container">
    <div class="row">
        <div class="col-md-8 mx-auto">
            <div class="card">
                <div class="card-body">
                    <div class="row">
                        <div class="col">
                            <center>
                                
                            </center>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col">
                            <center>
                                <h4>User Registration</h4>
                            </center>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col">
                            <hr>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-md-6">
                            <label>Full Name</label>
                            <div class="form-group">
                                <asp:TextBox CssClass="form-control" ID="TextBox1" runat="server"
placeholder="Full Name"></asp:TextBox>
                            </div>
                        </div>
                        <div class="col-md-6">
                            <label>Date Of Birth</label>
                            <div class="form-group">
                                <asp:TextBox CssClass="form-control" ID="TextBox2" runat="server"
placeholder="Date Of Birth" TextMode="Date"></asp:TextBox><br />
                            </div>
                        </div>
                    </div>
                    <div class="row">
                        <div class="col-md-6">
                            <label>Contact No</label>
                            <div class="form-group">
                                <asp:TextBox CssClass="form-control" ID="TextBox3" runat="server"
placeholder="Contact No" TextMode="Number"></asp:TextBox>
                            </div>
                        </div>
                        <div class="col-md-6">
                            <label>Email ID</label>
                            <div class="form-group">

```

```

        <asp:TextBox CssClass="form-control" ID="TextBox4" runat="server"
placeholder="Email ID" TextMode="Email"></asp:TextBox><br />
    </div>
</div>
</div>
<div class="row">
    <div class="col-md-4">
        <label>State</label>
        <div class="form-group">
            <asp:DropDownList class="form-control" ID="DropDownList1" runat="server">
                <asp:ListItem Text="Select" Value="select" />
                <asp:ListItem Text="Andhra Pradesh" Value="Andhra Pradesh" />
                <asp:ListItem Text="Arunachal Pradesh" Value="Arunachal Pradesh" />
                <asp:ListItem Text="Assam" Value="Assam" />
                <asp:ListItem Text="Bihar" Value="Bihar" />
                <asp:ListItem Text="Chhattisgarh" Value="Chhattisgarh" />
                <asp:ListItem Text="Rajasthan" Value="Rajasthan" />
                <asp:ListItem Text="Goa" Value="Goa" />
                <asp:ListItem Text="Gujarat" Value="Gujarat" />
                <asp:ListItem Text="Haryana" Value="Haryana" />
                <asp:ListItem Text="Himachal Pradesh" Value="Himachal Pradesh" />
                <asp:ListItem Text="Jammu and Kashmir" Value="Jammu and Kashmir" />
                <asp:ListItem Text="Jharkhand" Value="Jharkhand" />
                <asp:ListItem Text="Karnataka" Value="Karnataka" />
                <asp:ListItem Text="Kerala" Value="Kerala" />
                <asp:ListItem Text="Madhya Pradesh" Value="Madhya Pradesh" />
                <asp:ListItem Text="Maharashtra" Value="Maharashtra" />
                <asp:ListItem Text="Manipur" Value="Manipur" />
                <asp:ListItem Text="Meghalaya" Value="Meghalaya" />
                <asp:ListItem Text="Mizoram" Value="Mizoram" />
                <asp:ListItem Text="Nagaland" Value="Nagaland" />
                <asp:ListItem Text="Odisha" Value="Odisha" />
                <asp:ListItem Text="Punjab" Value="Punjab" />
                <asp:ListItem Text="Rajasthan" Value="Rajasthan" />
                <asp:ListItem Text="Sikkim" Value="Sikkim" />
                <asp:ListItem Text="Tamil Nadu" Value="Tamil Nadu" />
                <asp:ListItem Text="Telangana" Value="Telangana" />
                <asp:ListItem Text="Tripura" Value="Tripura" />
                <asp:ListItem Text="Uttar Pradesh" Value="Uttar Pradesh" />
                <asp:ListItem Text="Uttarakhand" Value="Uttarakhand" />
                <asp:ListItem Text="West Bengal" Value="West Bengal" />
            </asp:DropDownList>
        </div>
    </div>
    <div class="col-md-4">
        <label>City</label>
        <div class="form-group">
            <asp:TextBox class="form-control" ID="TextBox6" runat="server"
placeholder="City"></asp:TextBox><br />
        </div>
    </div>
    <div class="col-md-4">
        <label>Pincode</label>
        <div class="form-group">
            <asp:TextBox class="form-control" ID="TextBox7" runat="server"
placeholder="Pincode" TextMode="Number"></asp:TextBox><br />
        </div>
    </div>

```

```

    </div>
  </div>
  <div class="row">
    <div class="col">
      <label>Full Address</label>
      <div class="form-group">
        <asp:TextBox CssClass="form-control" ID="TextBox5" runat="server"
placeholder="Full Address" TextMode="MultiLine" Rows="2"></asp:TextBox>
      </div>
    </div>
  </div>
  <div>
    <div class="row">
      <div class="col">
        <center><br />
          <span class="badge rounded-pill bg-dark">Login Credentials</span>
        </center>
      </div>
    </div>
    <div class="row">
      <div class="col-md-6">
        <label>User ID</label>
        <div class="form-group">
          <asp:TextBox CssClass="form-control" ID="TextBox8" runat="server"
placeholder="User ID"></asp:TextBox>
        </div>
      </div>
      <div class="col-md-6">
        <label>Password</label>
        <div class="form-group">
          <asp:TextBox CssClass="form-control" ID="TextBox9" runat="server"
placeholder="Password" TextMode="Password"></asp:TextBox><br />
        </div>
      </div>
    </div>
    <div class="row">
      <div class="col">
        <div class="d-grid gap-2">
          <asp:Button class="btn btn-info btn-lg" ID="Button3" runat="server" Text="Sign
Up" OnClick="Button3_Click" />
        </div>
      </div>
    </div>
    <div>
      <div>
        <div>
          <div>
            <a href="homepage.aspx"><< Back to Home</a><br><br>
          </div>
        </div>
      </div>
    </div>
  </asp:Content>

```

Appointment:

```

<% @ Page Title="" Language="C#" MasterPageFile="~/appointment.Master"
AutoEventWireup="true" CodeBehind="appointment.aspx.cs" Inherits="BeautySalon.appointment"
%>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <br />
    <h2 align="center">Services</h2>
    <br />
    <asp:Table ID="Table1" runat="server" CellSpacing="45" HorizontalAlign="Center">
        <asp:TableRow>
            <asp:TableCell>
                <asp:ImageButton ID="ImageButton2" runat="server" PostBackUrl="~/hairoffer.aspx"
ImageUrl="~/folder/hair.jpg" Height="450" Width="450" />
            </asp:TableCell>
            <asp:TableCell>
                <asp:ImageButton ID="ImageButton1" runat="server" PostBackUrl="~/spaoffer.aspx"
ImageUrl="~/folder/spa.jpg" Height="450" Width="450" />
            </asp:TableCell>
            <asp:TableCell>
                <asp:ImageButton ID="ImageButton3" runat="server" PostBackUrl="~/skinooffer.aspx"
ImageUrl="~/folder/skin.jpg" Height="450" Width="450" />
            </asp:TableCell>
        </asp:TableRow>
    </asp:Table>
</asp:Content>

```

Billing:

```

<% @ Page Title="" Language="C#" MasterPageFile="~/appointment.Master"
AutoEventWireup="true" CodeBehind="billing.aspx.cs" Inherits="BeautySalon.billing" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <div class="container">
        <div class="row">
            <div class="col-md-8 mx-auto">
                <div class="card">
                    <div class="card-body">
                        <div class="row">
                            <div class="col">
                                <center>
                                    
                                </center>
                            </div>
                        </div>
                        <div class="row">
                            <div class="col">
                                <center>
                                    <h4>Book Your Appointment</h4>
                                </center>
                            </div>
                        </div>
                        <div class="row">
                            <div class="col">
                                <hr>

```

```

    </div>
</div>
<div class="row">
    <div class="col-md-6">
        <label>Full Name</label>
        <div class="form-group">
            <asp:TextBox CssClass="form-control" ID="TextBox1" runat="server"
placeholder="Full Name"></asp:TextBox>
        </div>
    </div>
    <div class="col-md-6">
        <label>Date Of Appointment</label>
        <div class="form-group">
            <asp:TextBox CssClass="form-control" ID="TextBox2" runat="server"
placeholder="Date Of Birth" TextMode="Date"></asp:TextBox><br />
        </div>
    </div>
</div>
<div class="row">
    <div class="col-md-6">
        <label>Contact No</label>
        <div class="form-group">
            <asp:TextBox CssClass="form-control" ID="TextBox3" runat="server"
placeholder="Contact No" TextMode="Number"></asp:TextBox>
        </div>
    </div>
    <div class="col-md-6">
        <label>Email ID</label>
        <div class="form-group">
            <asp:TextBox CssClass="form-control" ID="TextBox4" runat="server"
placeholder="Email ID" TextMode="Email"></asp:TextBox><br />
        </div>
    </div>
</div>
<div class="row">
    <div class="col-md-4">
        <label>OPTIONS</label>
        <div class="form-group">
            <asp:DropDownList class="form-control" ID="DropDownList1" runat="server">
                <asp:ListItem Text="Select" Value="select" />
                <asp:ListItem Text="Highlights" Value="Highlights" />
                <asp:ListItem Text="Lowlights" Value="Lowlights" />
                <asp:ListItem Text="Ombre" Value="Ombre" />
                <asp:ListItem Text="OmbreHighlights" Value="OmbreHighlights" />
                <asp:ListItem Text="Aroma therapy" Value="Aroma therapy" />
                <asp:ListItem Text="Body Massage" Value="Body Massage" />
                <asp:ListItem Text="Hair Spa" Value="Hair Spa" />
                <asp:ListItem Text="Facial" Value="Facial" />
                <asp:ListItem Text="Waxing" Value="Waxing" />
                <asp:ListItem Text="Threading" Value="Threading" />
                <asp:ListItem Text="Festive Make-up" Value="Hair Spa" />
                <asp:ListItem Text="Soft Make-up" Value="Hair Spa" />
                <asp:ListItem Text="Bridal Make-up" Value="Hair Spa" />
            </asp:DropDownList>
        </div>
    </div>
</div>

```

```
<div class="col-md-6">
  <div class="form-group">
    <asp:TextBox CssClass="form-control" ID="TextBox5" runat="server"
placeholder="Email ID" Visible="False"></asp:TextBox><br />
  </div>
</div>
<div>
<div class="row">
  <div class="col">
    <div class="d-grid gap-2">
      <asp:Button class="btn btn-info btn-lg" ID="Button3" runat="server"
Text="BOOK" OnClick="Button3_Click" />
    </div>
  </div>
</div>
<div>
  <asp:Panel ID="Panel1" runat="server" Visible="False">
    <asp:Label ID="Label1" runat="server" Text="Label"></asp:Label> <br />
    <asp:Label ID="Label2" runat="server" Text="Label"></asp:Label>
  </asp:Panel>
</div>
</div>
</div>
  <a href="homepage.aspx"><< Back to Home</a><br /><br />
</div>
</div>
</asp:Content>
```


4.3 Validations :**➤ Admin Login**

Field Name	Valid Values	Invalid Values
username	admin	Admin
Password	admin	Admin

➤ Staff Login

Field Name	Valid Values	Invalid Values
Name	Riya Kapoor	#riya
Date of birth	19-08-2000	19 th August 2000
Contact	994422880	abcd
Email	riya@gmail.com	riya
State	Maharashtra	Delhi
City	Mumbai	Lucknow
Pincode	400099	99
Address	Andheri	@andheri
User_id	riya	%riya
Password	123	456

➤ User Login

Field Name	Valid Values	Invalid Values
Name	Divya Patel	#divya
Date of birth	27-08-2000	19 th August 2000
Contact	98765222	abcd
Email	divya@gmail.com	divya
State	Maharashtra	Delhi
City	Mumbai	Lucknow
Pincode	400099	99
Address	Andheri	@andheri
User_id	divya	%divya
Password	123	456

Feedback

Field Name	Valid Value	Invalid Values
Name	Divya Patel	riya
Review	Wonderful Experience	Wonderful1

Billing

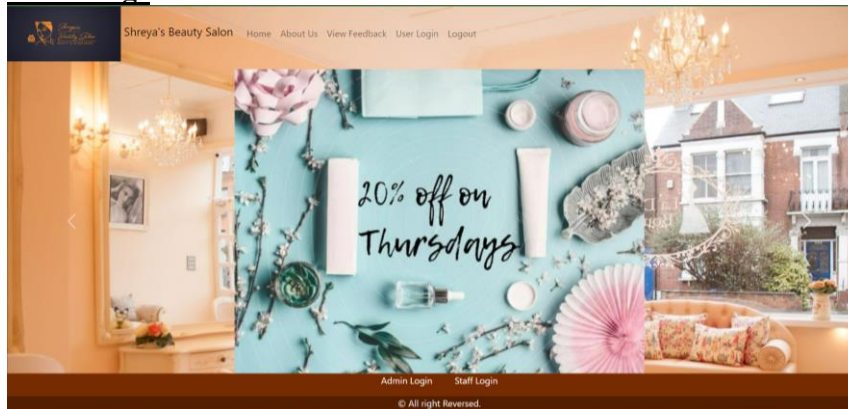
Field Name	Valid Value	Invalid Value
Name	Riya Patel	Not Null
Date of appointment	2-10-2022	2 nd October 2022
Contact	994422880	abc
Email id	riya@gmail.com	riya.com
Service	V-cut	Not selected any

Test Cases, Test Data and Test Results

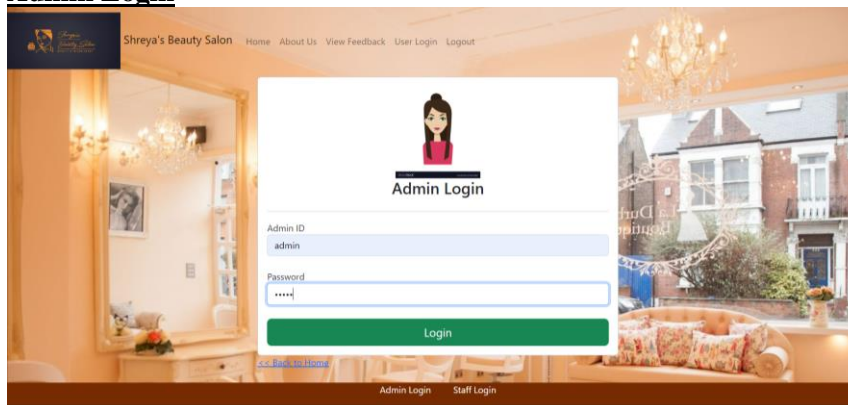
Test Case ID	Module	Why	Input	Expected Output	Observed Output	Remark
1	Admin Login	To check if it only gives access to the admin	Valid Credentials	Access is granted	Access was granted	PASS
2	Admin Login	To check if it only gives access to the admin	Invalid Credentials	Access Denied with an error message	Access was denied and a message was shown	PASS
3	Admin Login	To Check if it only gives access to the admin	Blank	Access denied with an error message for the same	Access was denied and an error message was shown	PASS
4	Customer Login	To check if the access is granted only to the customers	Valid Credentials	Access is granted	Access was granted	PASS
5	Customer Login	To check if the access is granted only to the customers	Invalid Credentials	Access is denied with an error message for the same	Access was denied and an error message was shown	PASS
6	Customer Login	To check if the access is granted only to the customers	Blank	Access is denied with an error message for the same	Access was denied and an error message was shown	PASS
7	Book Appointment	To check if the customer can book appointment	Valid Category & File	Appointment is booked successfully	Appointment is booked successfully	PASS
8	Book Appointment	To check if the customer can book appointment	One of the fields has invalid details	Appointment is not booked	Appointment is not booked	PASS
10	Staff Login	To check if the admin can add employee	Valid Credentials	Access is granted	Access was granted	PASS
11	Staff Login	To check if the admin can add employee	Invalid Credentials	Access is denied with an error message for the same	Access was denied and an error message was shown	PASS
12	Staff Login	To check if the admin can add employee	Blank	Access is denied with an error message for the same	Access was denied and an error message was shown	PASS

Screenshots:

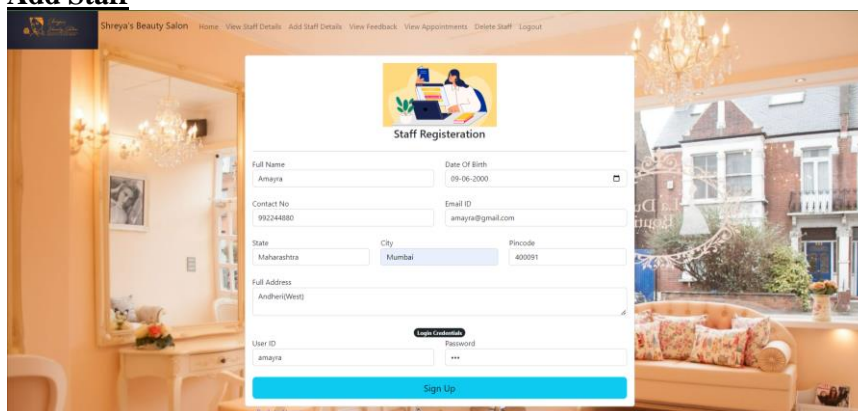
Home Page



Admin Login



Add Staff



View Staff details

name	dob	contact	email	state	city	pincode	address	userid	password
Amayra	2000-06-09	982244880	amayra@gmail.com	Maharashtra	Mumbai	400091	Andheri(West)	amayra	123
shila	2022-09-04	82872718	jdjdhdh@gmail.com	Manipur	Mumbai	88	ehetudj	shila	123
Riya Kapoor	2004-06-19	994422680	riya@gmail.com	Maharashtra	Mumbai	400099	(Andheri East)	riya	123
Nida Khan	1998-10-15	882225790	nida@gmail.com	Maharashtra	Mumbai	400098	Andheri(C)	nida	123
Seema Rai	1998-02-02	987224310	seema@gmail.com	Maharashtra	Mumbai	400092	Bandra	seema	123

Delete Staff

Shreya's Beauty Salon Home View Staff Details Add Staff Details View Feedback View Appointments Delete Staff Logout

Enter contact of staff

After Deleting

Shreya's Beauty Salon Home View Staff Details Add Staff Details View Feedback View Appointments Delete Staff Logout

name	dob	contact	email	state	city	pincode	address	userid	password
Amayra	2000-06-09	931244880	amayra@gmail.com	Maharashtra	Mumbai	400091	Andheri(West)	amayra	123
Riya Kapoor	2000-08-19	994422880	riya@gmail.com	Maharashtra	Mumbai	400095	Andheri(East)	riya	123
Nida Khan	1998-10-15	882225790	nida@gmail.com	Maharashtra	Mumbai	400096	Borivali	nida	123
Seema Rai	1998-02-02	987224310	seema@gmail.com	Maharashtra	Mumbai	400092	Borivali	seema	123

View feedback

Shreya's Beauty Salon Home About Us View Feedback User Login Logout

name	review
makku	good
Raysa Pandey	Excellent at customer service!!
Raysa Pandey	Excellent at customer service!!
Shilpa	Really satisfied and pleased by the service
Anaysha Gupta	will recommend you to anyone that wants a peace of mind in hairstyling
Nabha Solanki	You know the buttons to push that you'd bring a dream to reality

Admin Login Staff Login

© All right Reserved.

View Appointments

Shreya's Beauty Salon Home View Staff Details Add Staff Details View Feedback View Appointments Delete Staff Logout

name	doa	contact	email	service	price
makku	02-09-2022 00:00:00	888888	mahika@gmail.com	Hair Spa	Your Service Amount is Rs.4000
Shilpa	04-10-2022 00:00:00	55599221	shilpa@gmail.com	Ombre Highlights	5000
Anaysha Gupta	20-10-2022 00:00:00	834672084	anaysha@gmail.com	Hair Spa	3000
Raysa Pandey	10-10-2022 00:00:00	9756453632	raysa@gmail.com	Threading	100
Nabha Solanki	05-10-2022 00:00:00	984825678	nabha@gmail.com	Body Massage	5000

User Sign-up

Shreya's Beauty Salon Home About Us View Feedback User Login Logout

User Registration

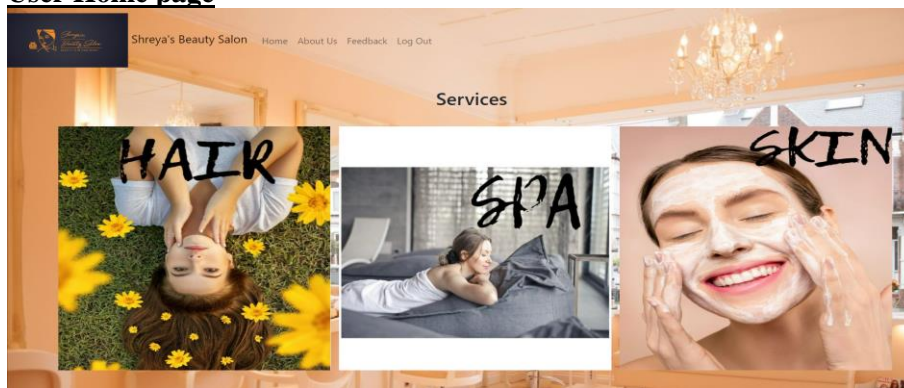
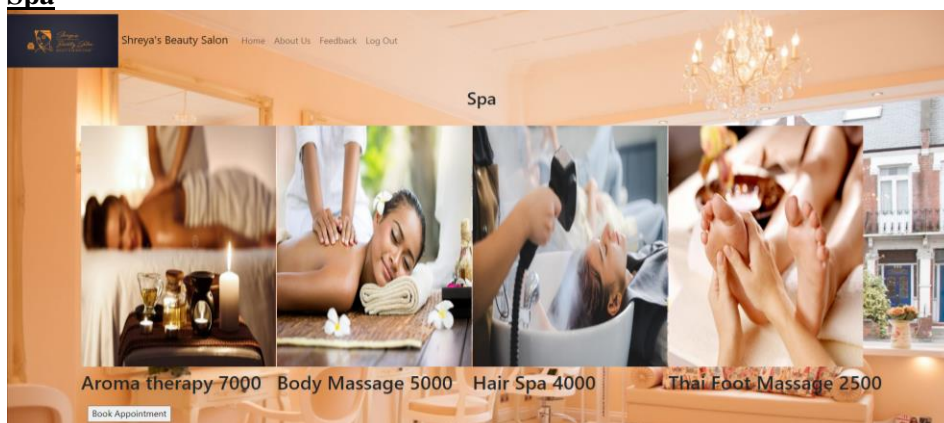
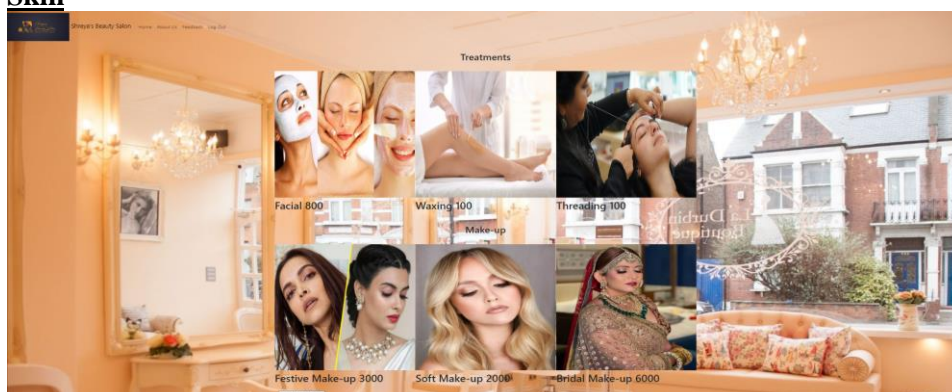
Full Name Date Of Birth

Contact No Email ID

State City Pincode

Full Address

User ID Password

User Home pageHairSpaSkin

Book appointment

Shreya's Beauty Salon Home About Us Feedback Log Out

Book Your Appointment

Full Name: Shilpa Date Of Appointment: 04-10-2022

Contact No: 55599221 Email ID: shilpa@gmail.com

OPTIONS: OmbreHighlights

BOOK

Your Service: OmbreHighlights
Your Service Amount is Rs.5000

[<< Back to Home](#)

Add Feedback

Shreya's Beauty Salon Home About Us Feedback Log Out

Add your name: Raysa Pandey

Review: Excellent at customer serv

Submit

About us

Future Enhancement

- At the moment a user can login and book for one service at a time, I will try to implement a way through which multiple services can be selected.
- Only cash on service is available as of now. I will try to add online payment in future.

Conclusion

- Client's biggest requirement was to have a convenient way of customer interaction.
- The reach will also be increased as the new customers can view the feedback and enjoy the services provided.
- All the staff records and the dates of appointment booked can be checked by the admin at one place.
- Manual task has been reduced.
- This project has been successful in fulfilling the needs of the client.

7.References and bibliography**Websites:**

- www.stackoverflow.com
- www.youtube.com