



*Unleash your potential*

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# Group

## MEMBERS



- MUHAMMAD ZAID ALI
- ARBAZ
- IHTESHAM
- MUHAMMAD HAMZA
- HUZAIFA RIAZ

# INTRODUCTION

The thirst for learning, upgrading technical skills and applying the concepts in real life environment at a fast pace is what the industry demands from IT professionals today. However busy work schedules, far-flung locations, unavailability of convenient time-slots pose as major barriers when it comes to applying the concepts into realism. And hence the need to look out for alternative means of implementation in the form of ladder approach.

The above truly pose as constraints especially for our students too! With their busy schedules, it is indeed difficult for our students to keep up with the genuine and constant need for integrated application which can be seen live especially so in the field of IT education where technology can change on the spur of a moment. Well, technology does come to our rescue at such times!!

Keeping the above in mind and in tune with our constant endeavour to use Technology in our training model, we at Aptech have thought of revolutionizing the way our students learn and implement the concepts using tools themselves by providing a live and synchronous eProject learning environment

## SO WHAT IS THIS EPROJECT?

eProject is a step by step learning environment that closely simulates the classroom and Lab based learning environment into actual implementation. It is a project implementation at your fingertips!! An electronic, live juncture on the machine that allows you to

- ☒ Practice step by step i.e. ladder approach.
- ☒ Build a larger more robust application.
- ☒ Usage of certain utilities in applications designed by user.
- ☒ Single program to unified code leading to a complete application.
- ☒ Learn implementation of concepts in a phased manner.
- ☒ Enhance skills and add value.
- ☒ Work on real life projects.
- ☒ Give a real life scenario and help to create applications more complicated and useful.
- ☒ Mentoring through email support.

The students at the centre are expected to complete this eProject and send complete documentation with source code to eProjects Team

Looking forward to a positive response from your end!!

# Objectives of the project

The Objective of this program is to give a sample project to work on real life

projects. These applications help you build a larger more robust application.

The objective is not to teach you the concepts but to provide you with a real life

scenario and help you create applications using the tools.

You can revise them before you start with the project.

It is very essential that a student has a clear understanding of the subject.

Kindly get back to eProjects Team in case of any doubts regarding the application or its objectives.

# PROBLEM STATEMENT

## INTRODUCTION

Elegance Salon is a popular beauty establishment that offers a variety of services including hair styling, manicures, pedicures, and facials. The salon is facing challenges in efficiently managing appointments, handling inventory, and maintaining client records. Salon management application will enhance operational efficiency, improve customer experience, and streamline business processes for Elegance Salon. By addressing the specific needs of appointment management, client relations, inventory control, and staff scheduling, the salon can optimize its operations and focus on delivering exceptional services to its clientele.

## FUNCTIONAL REQUIREMENTS

The following are the key features and functionality expected from the application:

### HOME PAGE:

The home page should be designed to provide an engaging and informative experience for users. It should display information about the Elegance Salon with some images.

### USER AUTHENTICATION AND ACCESS CONTROL:

The system should support different user roles (admin, receptionist, stylist) with distinct access permissions. Users should log in securely using username/email and password authentication.

### APPOINTMENT MANAGEMENT:

Users can view available time slots for different services.  
Ability to book, reschedule, or cancel appointments.  
Automated confirmation notifications (email/SMS) for booked appointments.

## CLIENT MANAGEMENT:

Maintain a centralized client database with details like name, contact information, services availed, and appointment history.  
Allow searching, adding, editing, and deleting client profiles.  
Record client preferences for specific stylists or services.

## INVENTORY MANAGEMENT:

Track inventory levels for salon supplies (e.g., hair products, beauty supplies).  
Receive alerts for low inventory and generate automatic purchase orders.  
Record supplier information and cost details for inventory items.

## STAFF MANAGEMENT:

Manage staff profiles with details like name, contact information, work schedule, and commission rates.  
Enable the assignment of tasks, shifts, and services to stylists.  
Calculate and track commissions based on services performed.

## SCHEDULING AND CALENDAR INTEGRATION:

Provide a calendar view for easy scheduling and managing of appointments and staff shifts.  
Ability to sync appointments with external calendars (Google Calendar, iCal) for better organization.

## REPORTING AND ANALYTICS:

Generate reports on appointments, sales, inventory levels, and staff performance.  
Provide insights into popular services, peak booking hours, and inventory usage trends.

## PAYMENT AND INVOICING:

Record and manage payments made by clients for services rendered.  
Generate invoices or receipts for services provided and products sold.



## NOTIFICATIONS AND REMINDERS:

Automated reminders for upcoming appointments to clients and staff members.  
Notifications for low inventory, pending payments, or other critical updates.

## ADMIN PANEL:

Develop an admin panel to manage stock & inventory, user accounts, and content updates.

## CONTACT US:

This menu option should display Email id, address, and contact number of the organization who is developing the application.

## SUBMIT FEEDBACK:

Users can submit their feedback regarding the application using a feedback form.

# NON-FUNCTIONAL REQUIREMENTS

### USER-FRIENDLY INTERFACE:

The web application should have a clean and intuitive user interface to make it easy for students to use.

### EFFICIENCY:

The application should perform calculations efficiently and provide results in a reasonable time, even for large ranges.

### CAPACITY:

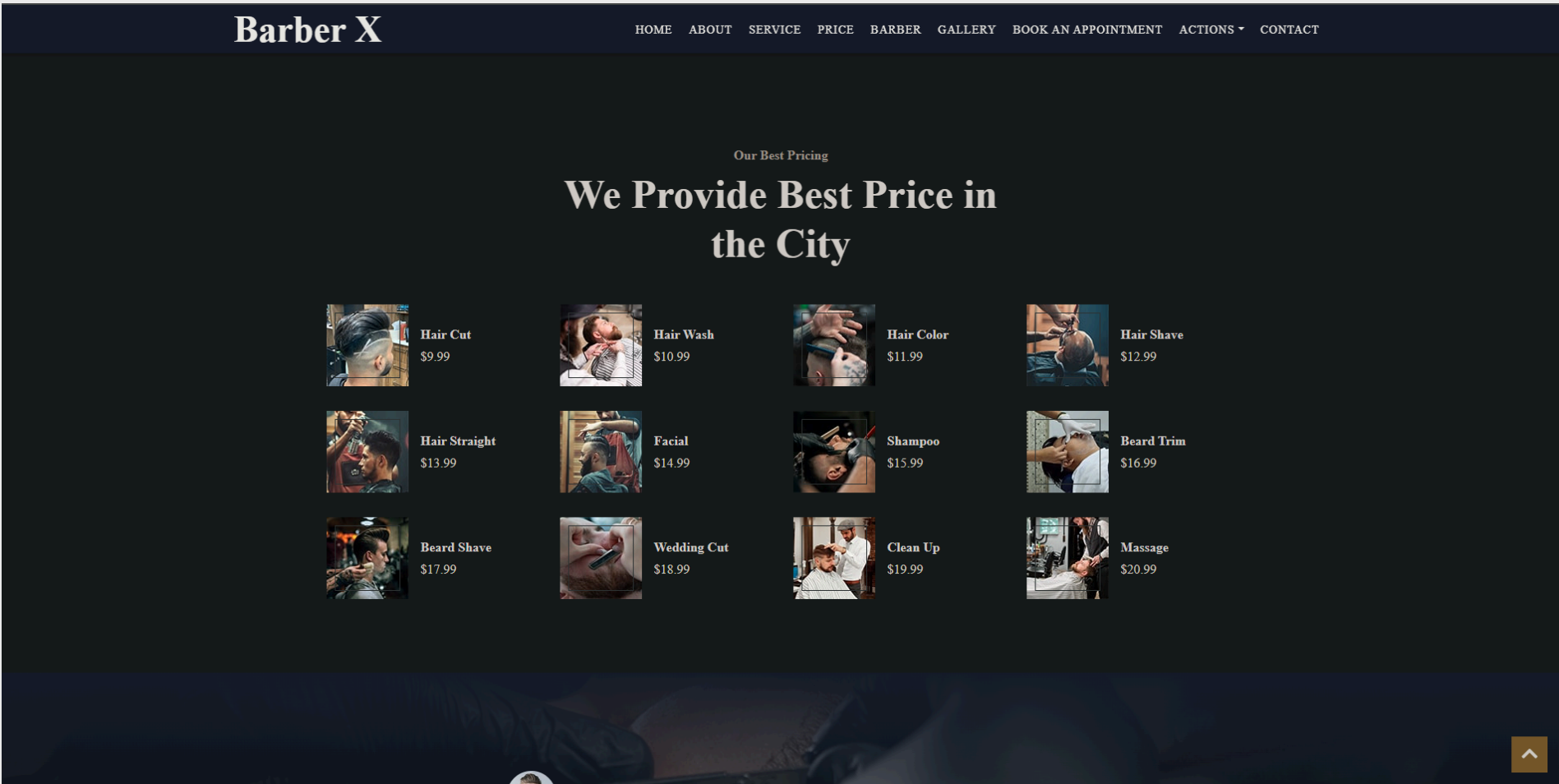
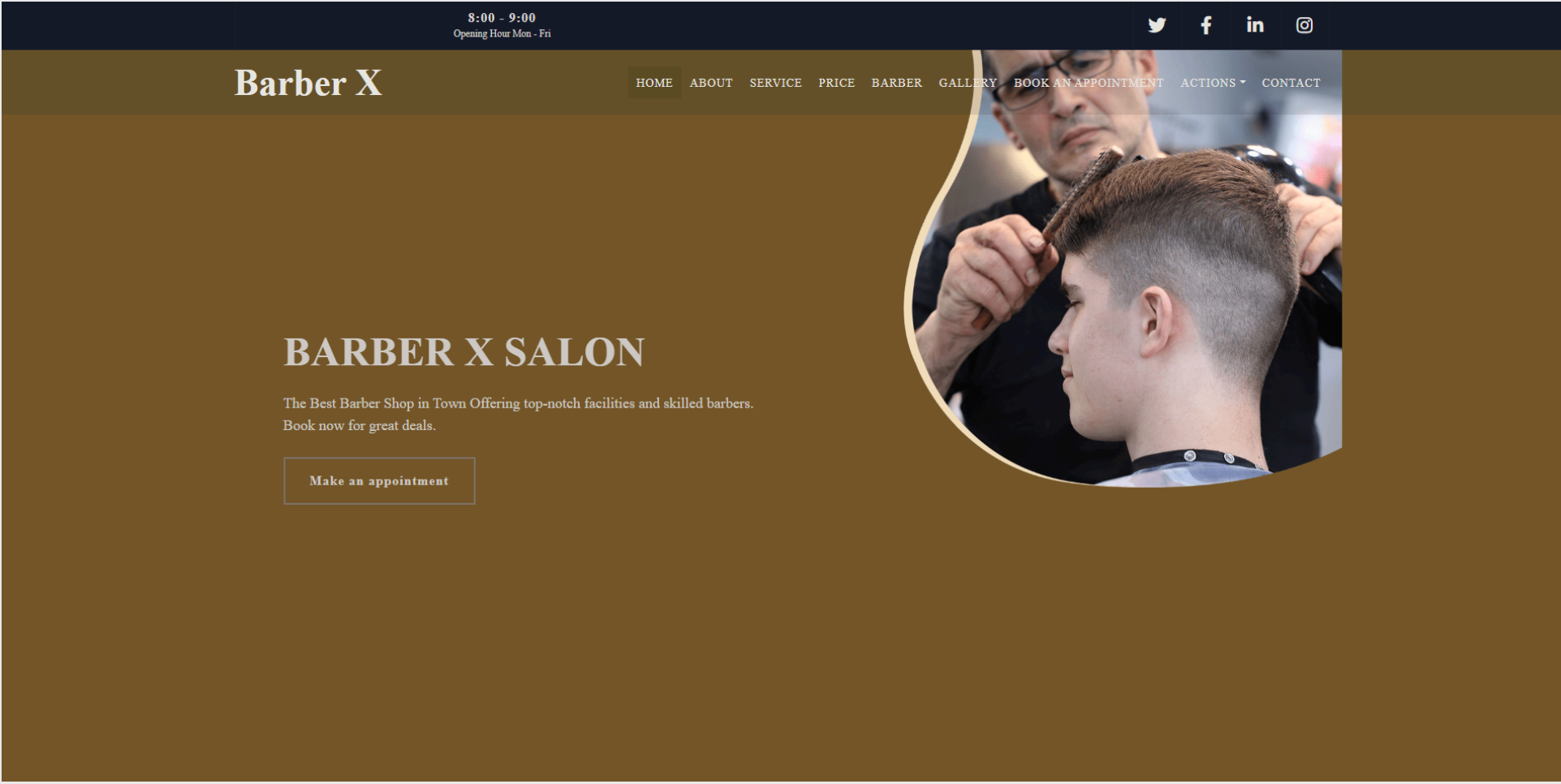
The application should support large number of users.

### SECURITY:

Proper input validation should be implemented to prevent any malicious input.



# WEBSITE OVER VIEW





# STAFF MANAGEMENT

Dashboard

Register

Control Access

Appointments

Manage Inventory

Manage Staff

Reports

Manage Payments

Manage Staff Profiles

ID	Name	Contact Information	Commission Rate (%)	Role	Action
12	Arbaazz	03352864013	0.06	Stylist	<div>Contact Info: <input type="text" value="03352864013"/></div> <div>Commission Rate (%): <input type="text" value="0.06"/></div> <div>Update</div>
17	Numan	03352864013	3.00	Stylist	<div>Contact Info: <input type="text" value="03352864013"/></div> <div>Commission Rate (%): <input type="text" value="3.00"/></div> <div>Update</div>
18	arkay	dffddf	2.00	Stylist	<div>Contact Info: <input type="text" value="dffddf"/></div> <div>Commission Rate (%): <input type="text" value="2.00"/></div> <div>Update</div>
21	hamza	03352864013	454.00	Receptionist	<div>Contact Info: <input type="text" value="03352864013"/></div> <div>Commission Rate (%):</div>

SALOON MANAGEMENT

Dashboard

Register

Control Access

Appointments

Manage Inventory

Manage Staff

Reports

Manage Payments

Search for...

4

Douglas McGee

MANAGE INVENTORY

Add Inventory

Manage Inventory

Check Low Inventory

Add Inventory Item

Item Name:

Quantity:

Threshold:

Supplier:  

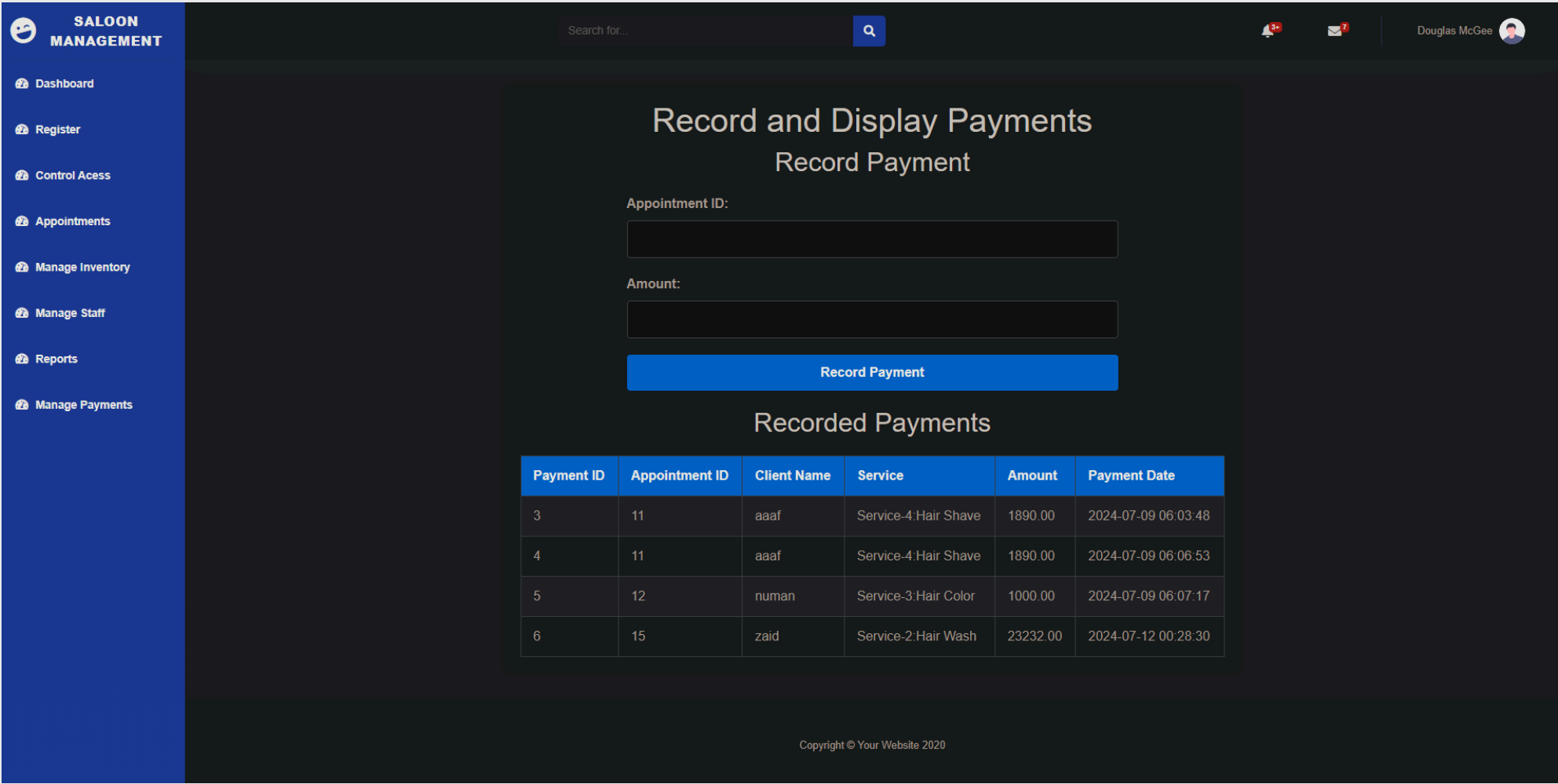
Supplier Combs

Cost:

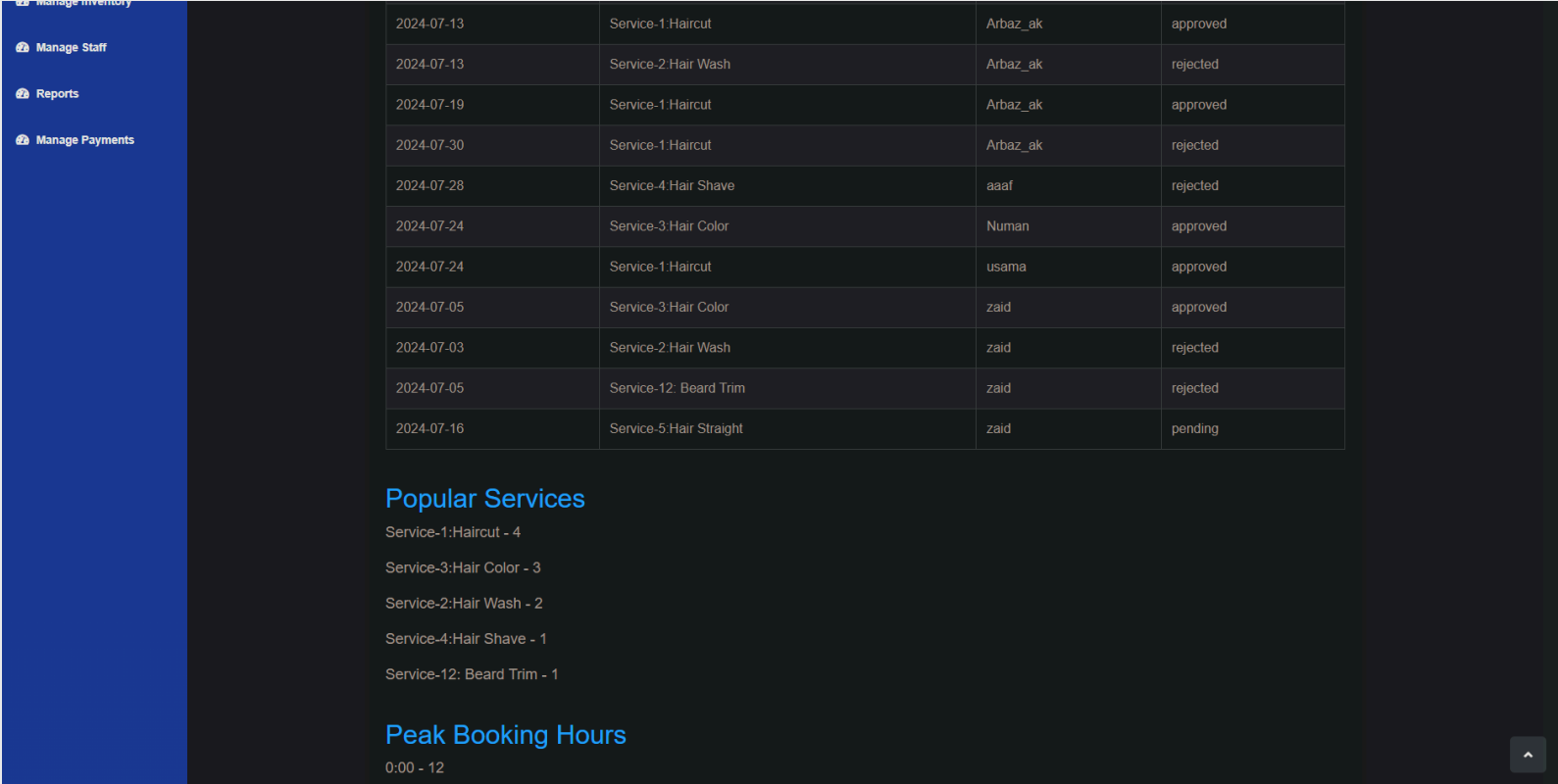
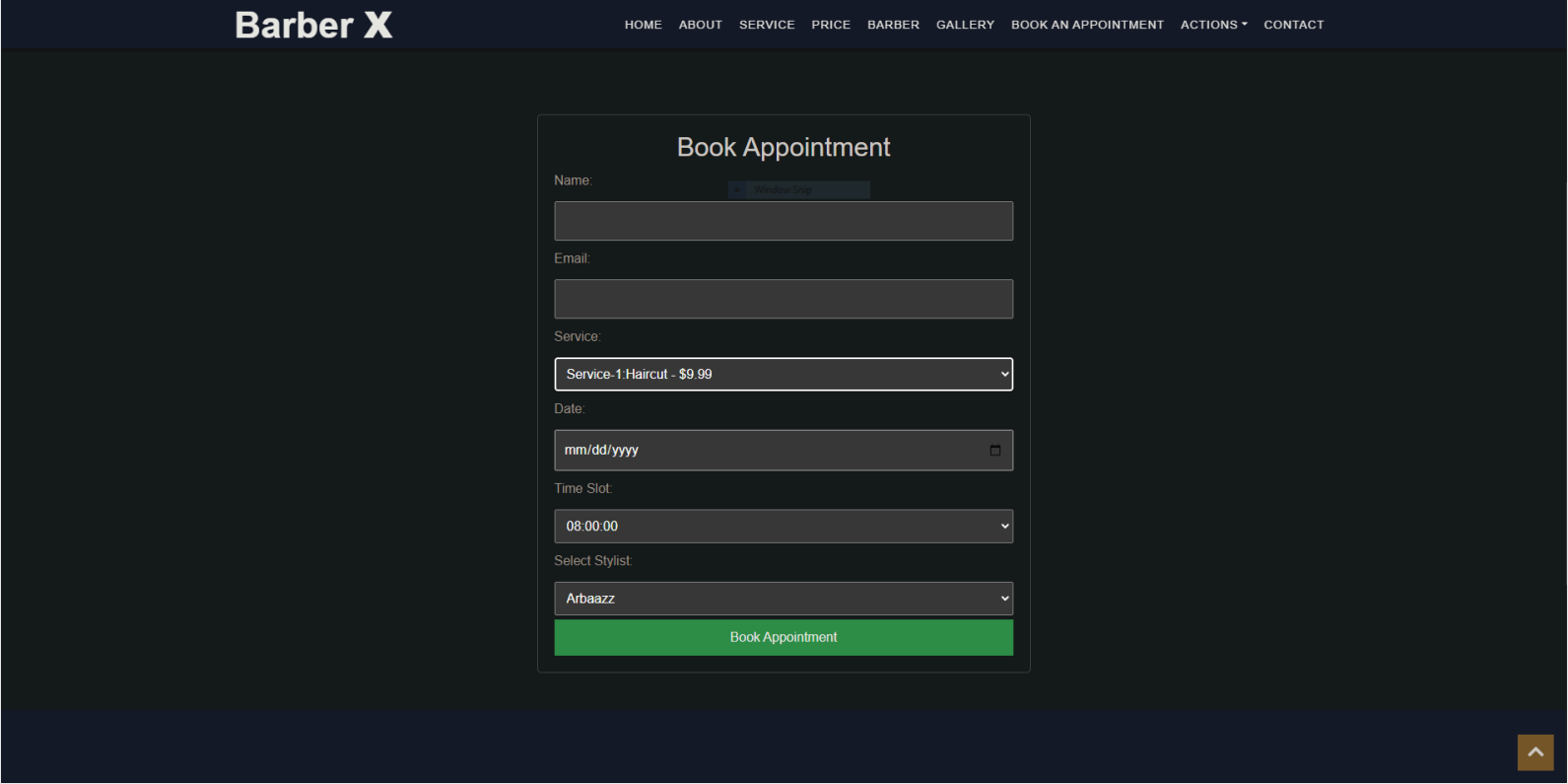
Add Item

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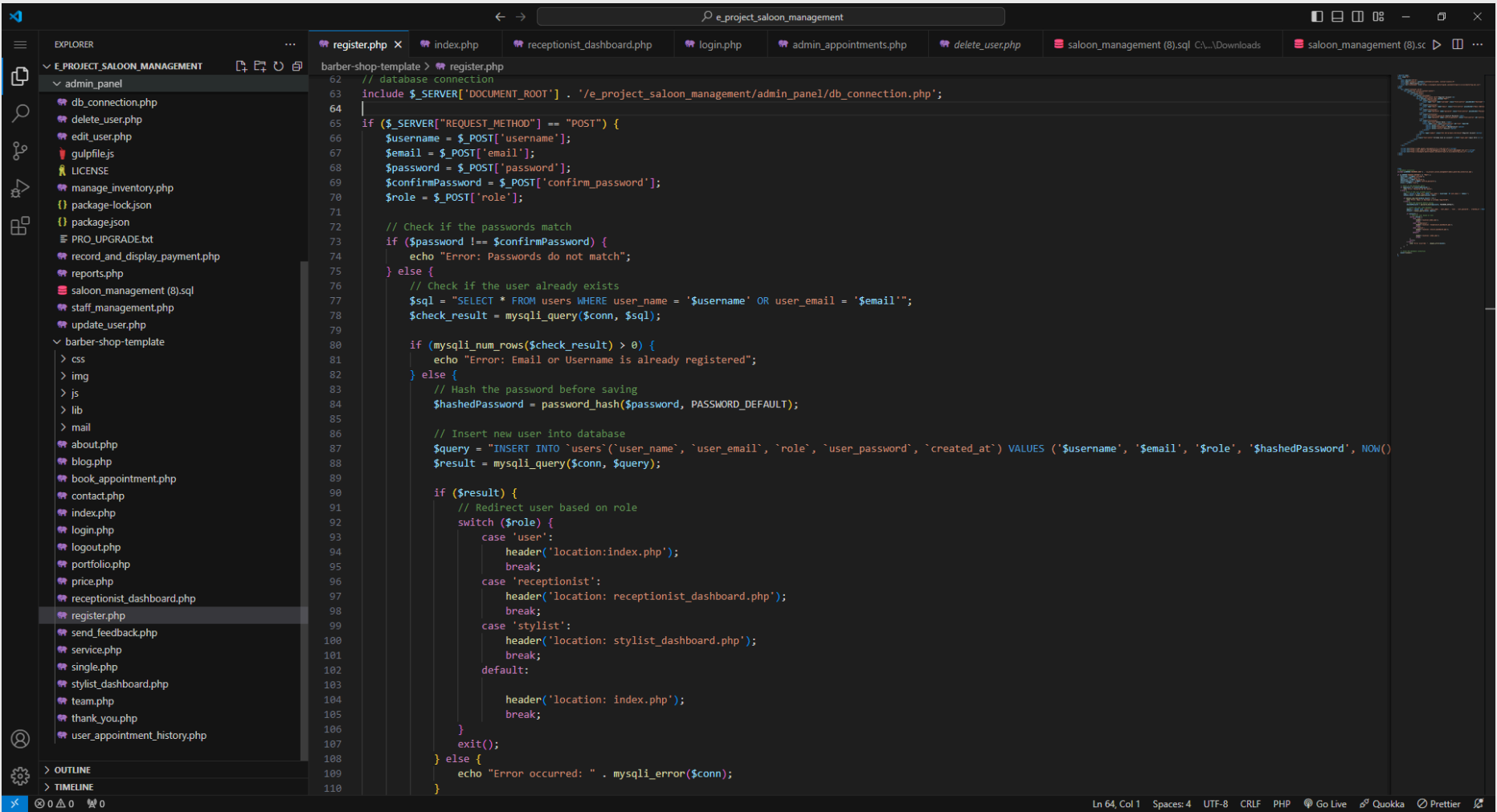
# PAYMENT MANAGEMENT



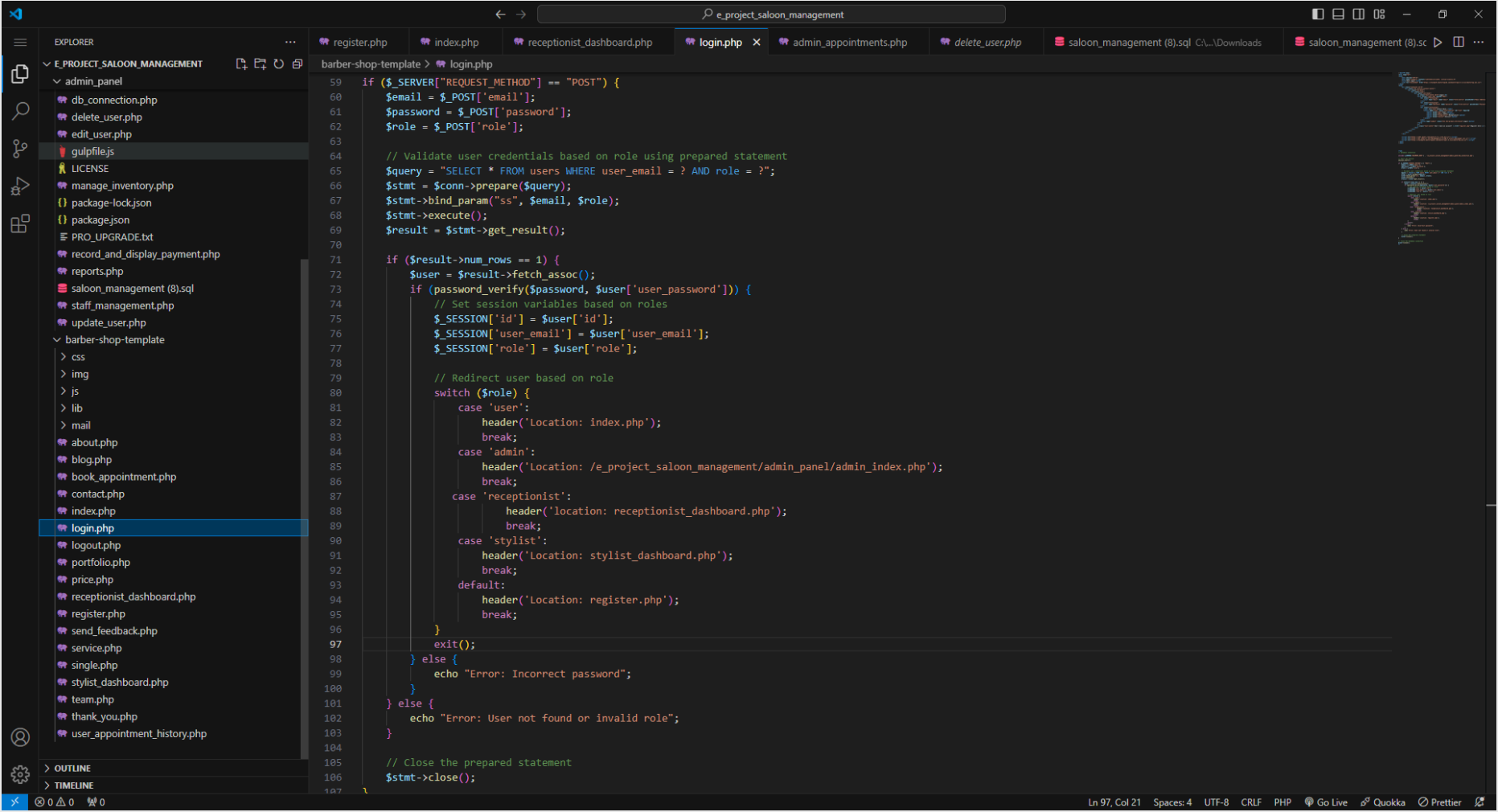
# BOOKING



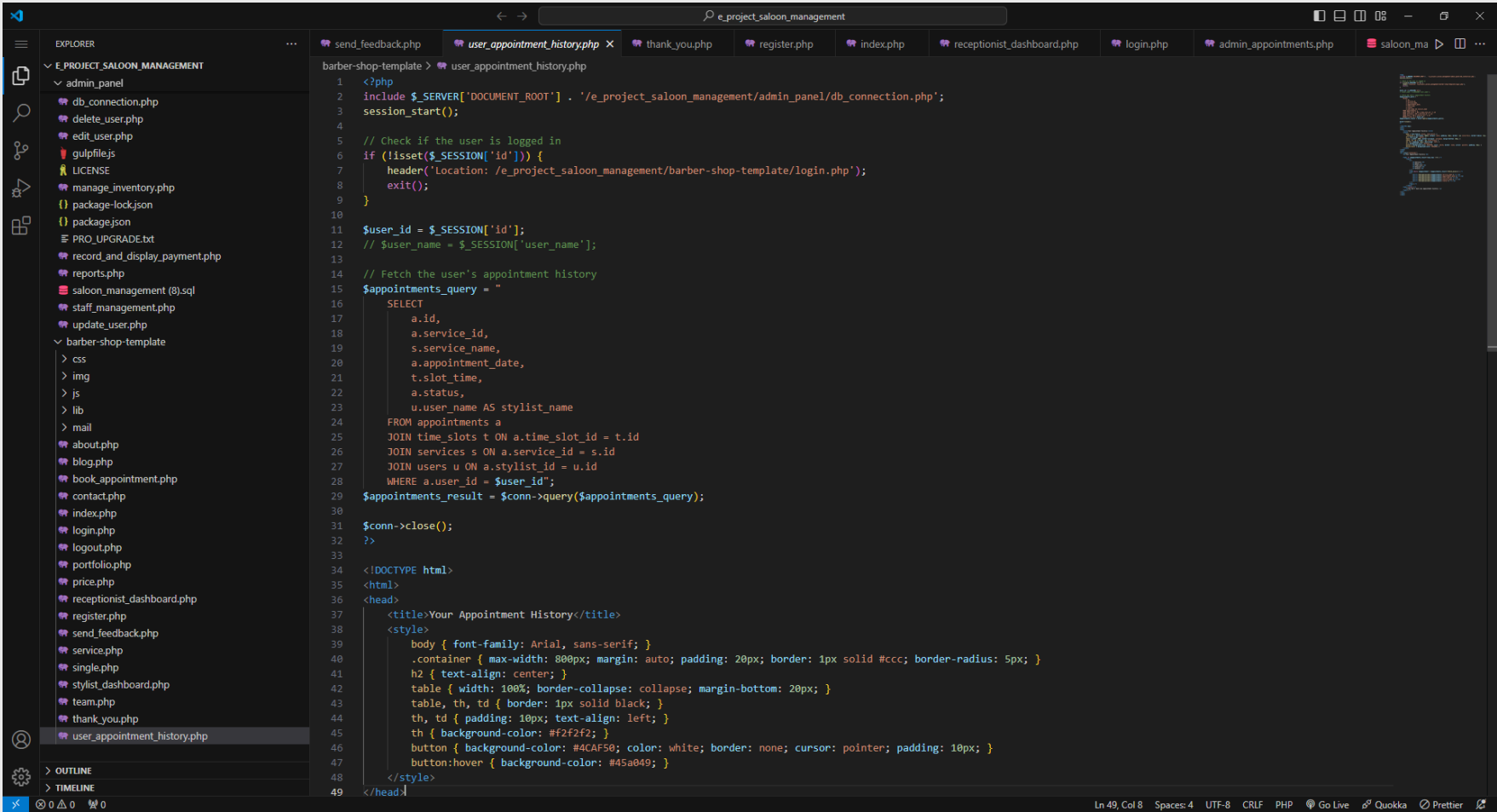
# REGISTRATION PAGE



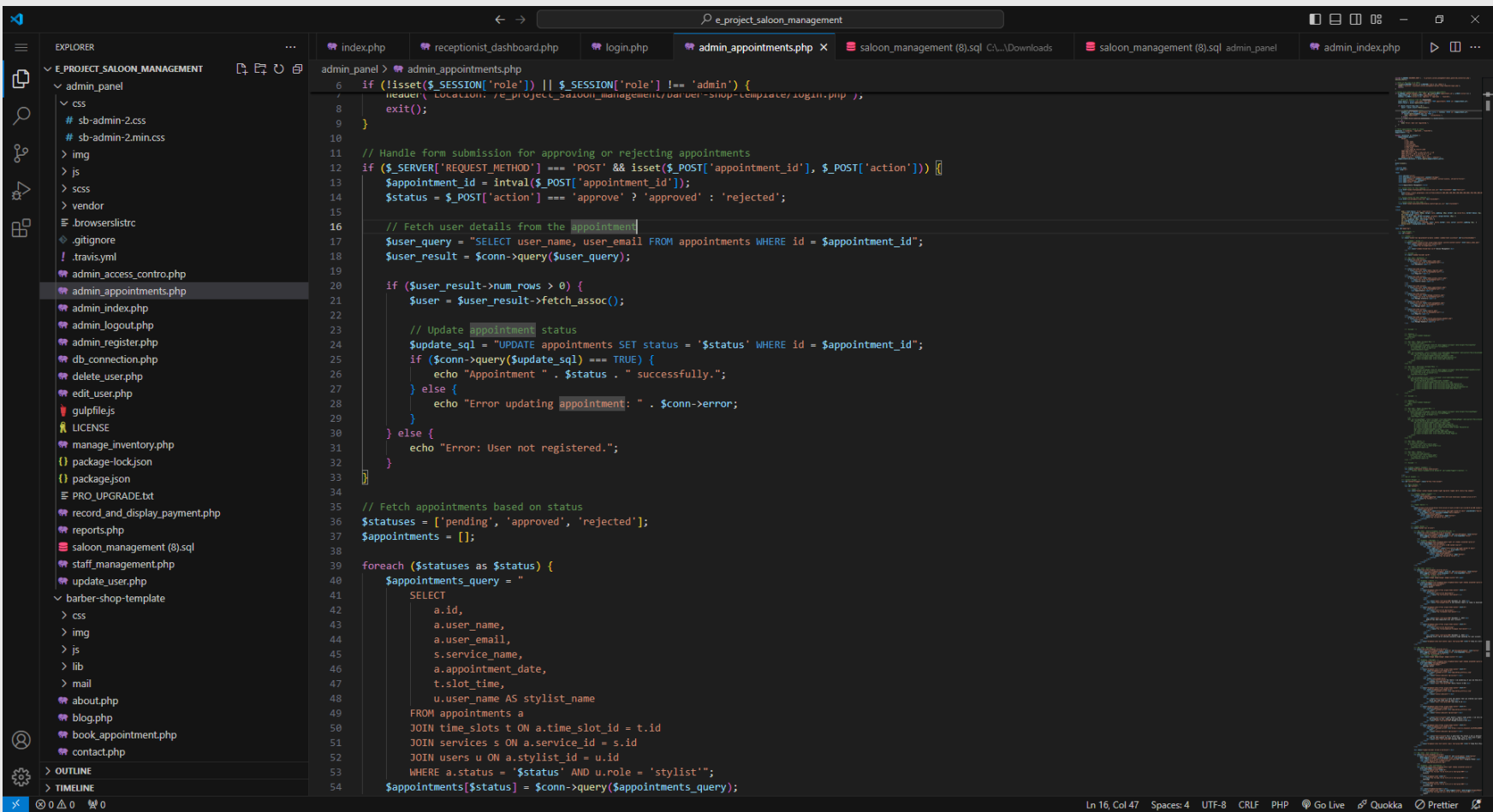
# LOGIN PAGE



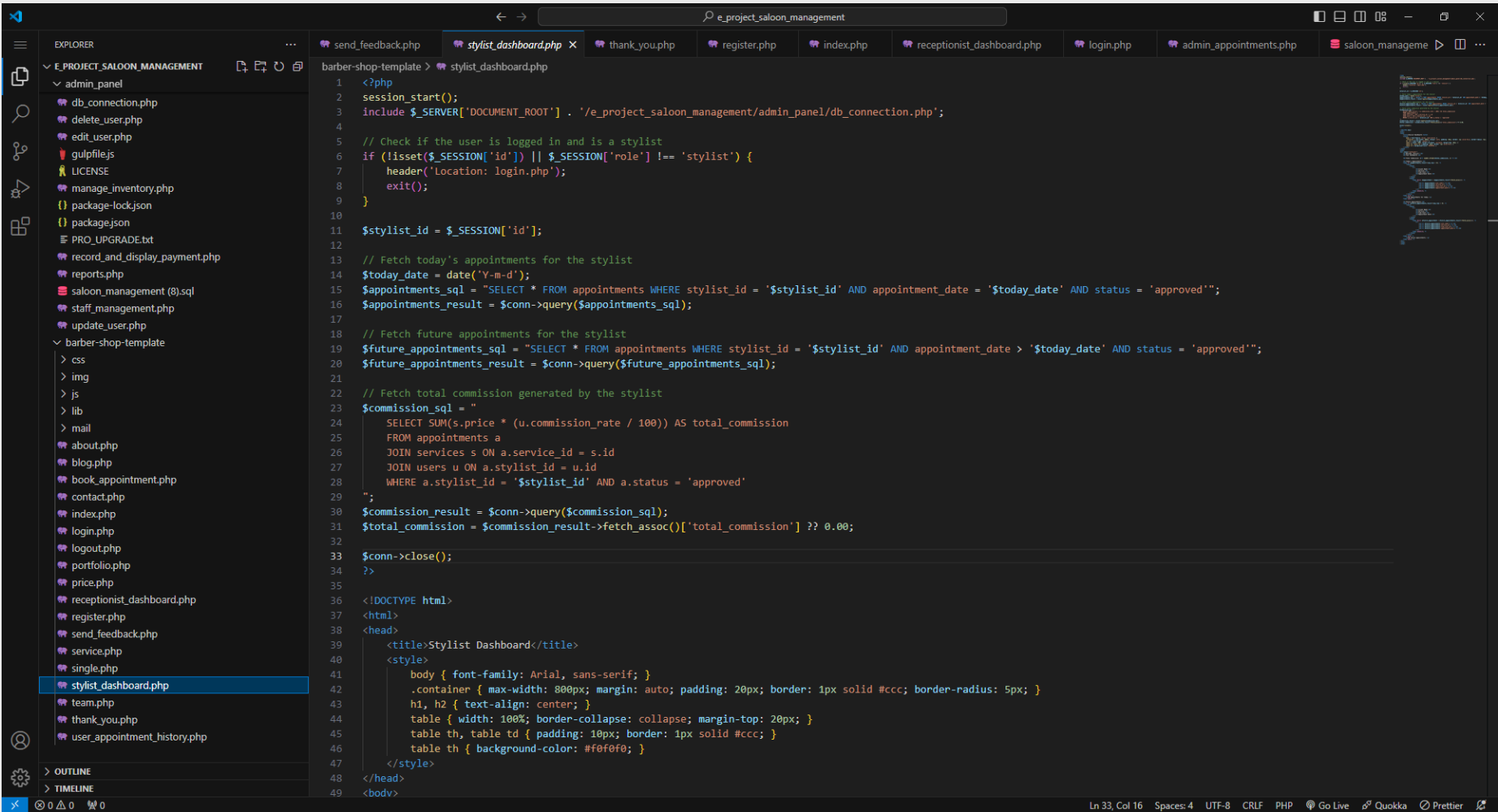
# APPOINTMENT HISTORY



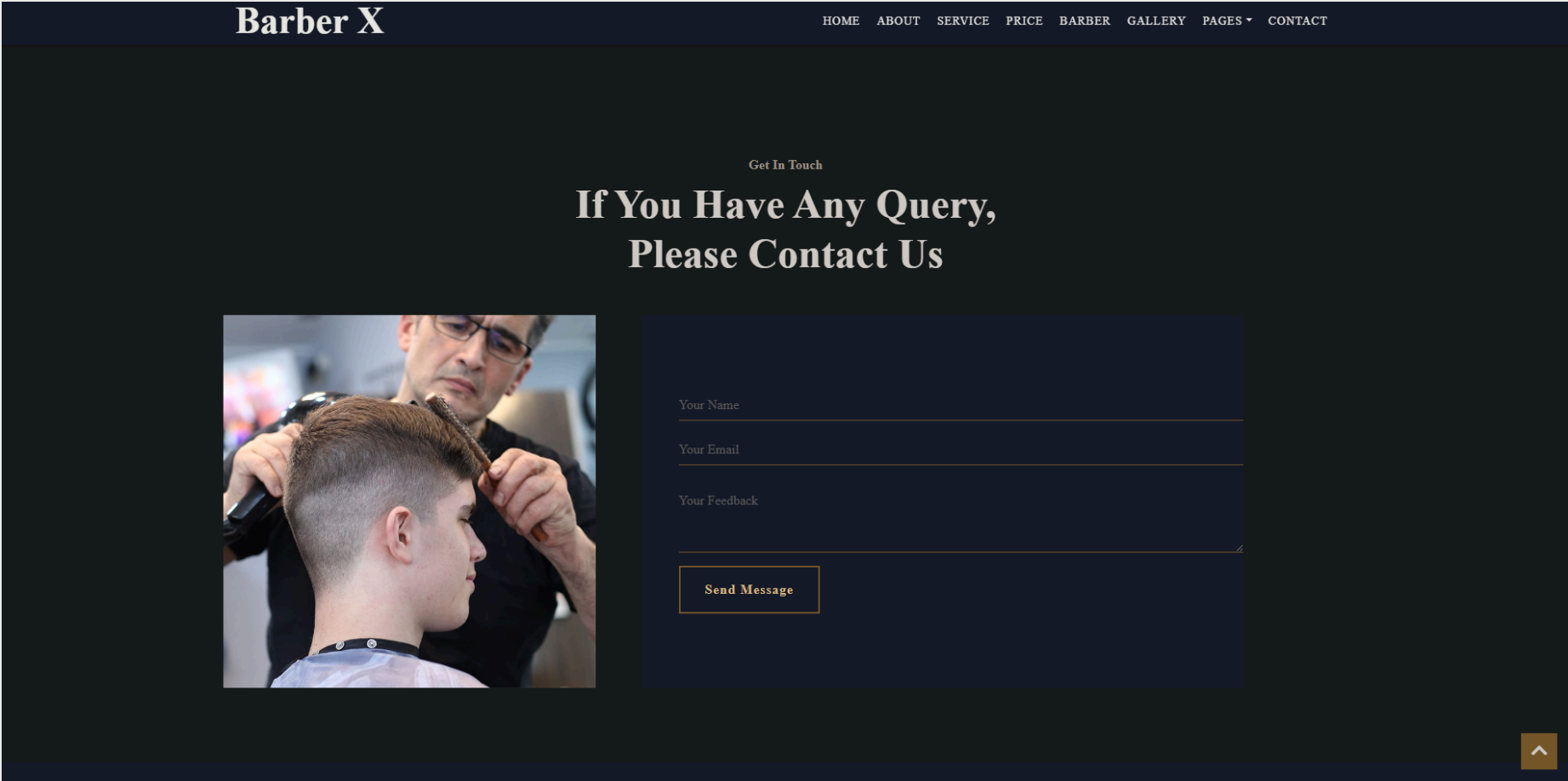
# APPOINTMENT MANAGEMENT



# STYLISH DASHBOARD



# FEEDBACK PAGE



# SOFTWARE

USE SOFTWARE AS PER YOUR REQUIREMENT  
☒ WINDOWS OS /PHP/LARAVEL/NOTEPAD/SQL

**THANK YOU**  
*thank you*  
**SO MUCH!**  
*so much*

