

Unleash your potential

Group MEMBERS



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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 laddered 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. laddered 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 & amp; 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.

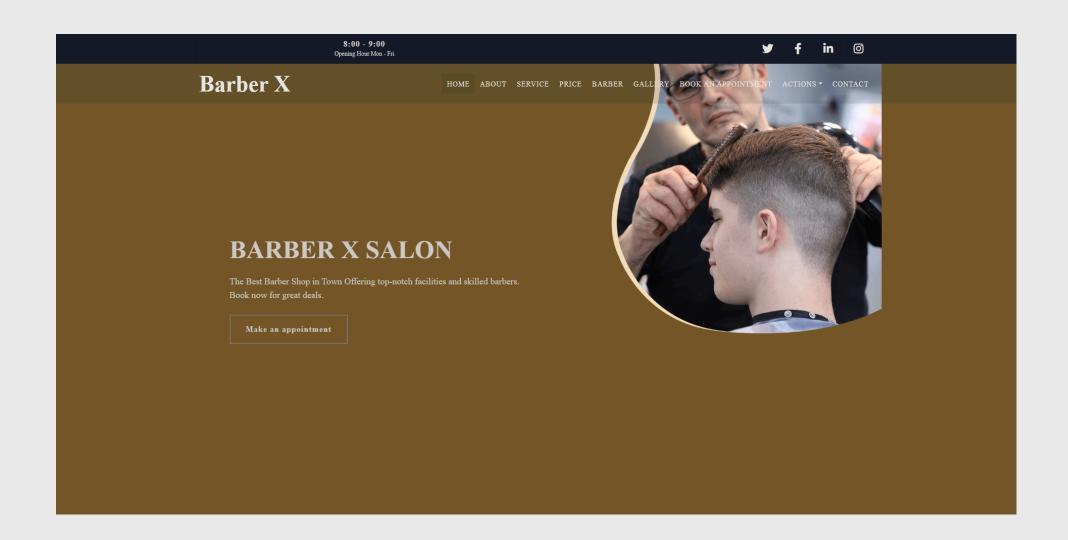
CAPACITY:

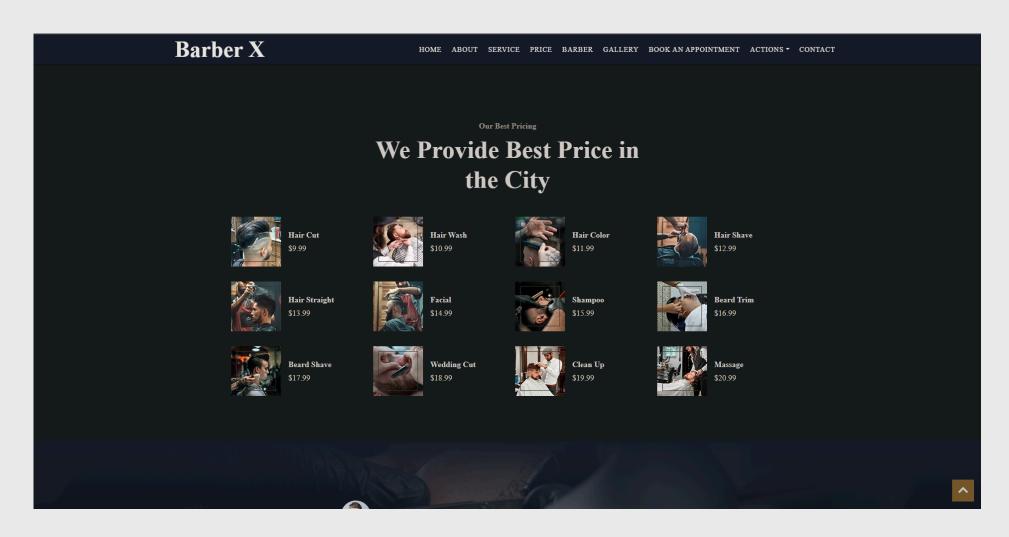
The application should support large number of users.

SECURITY:

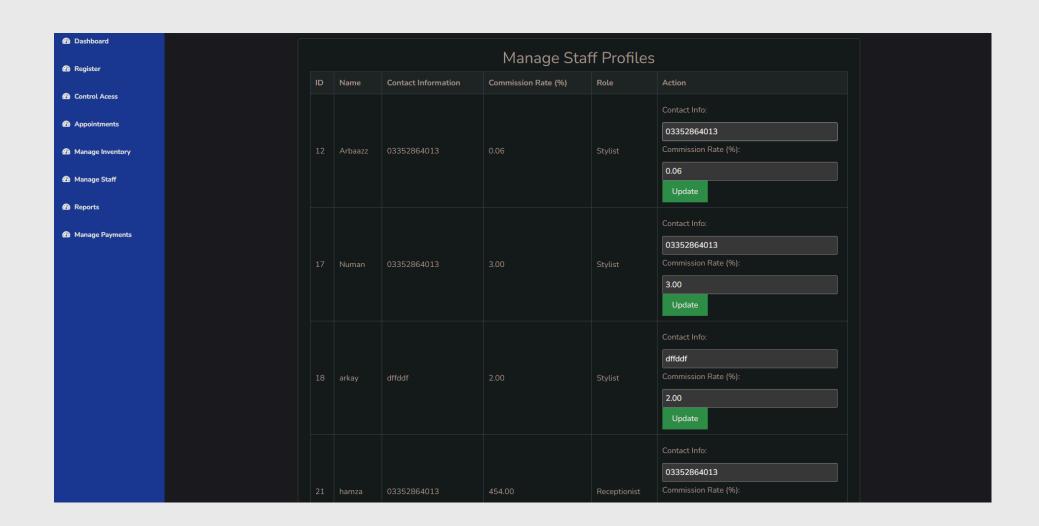
Proper input validation should be implemented to prevent any malicious input.

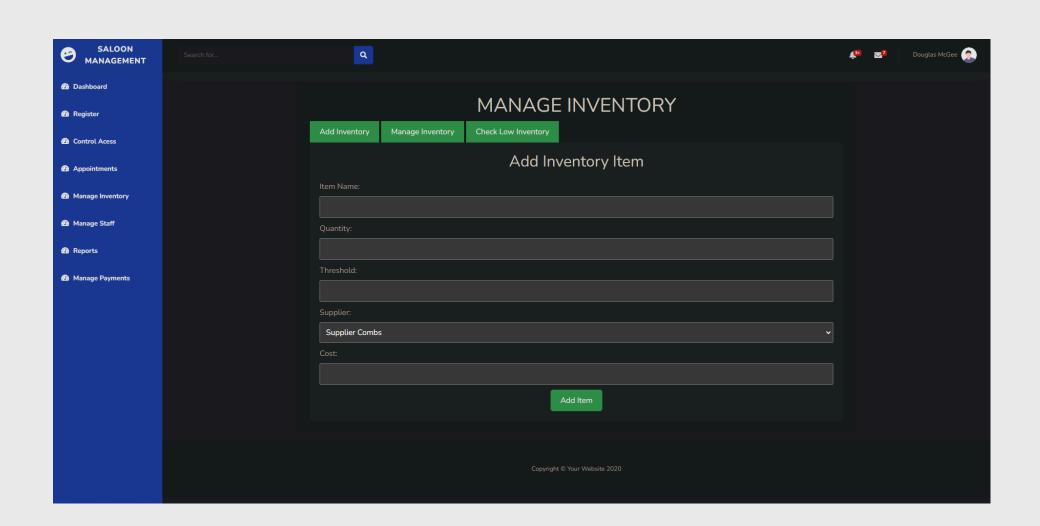
WEBSIITE OUER VIEW



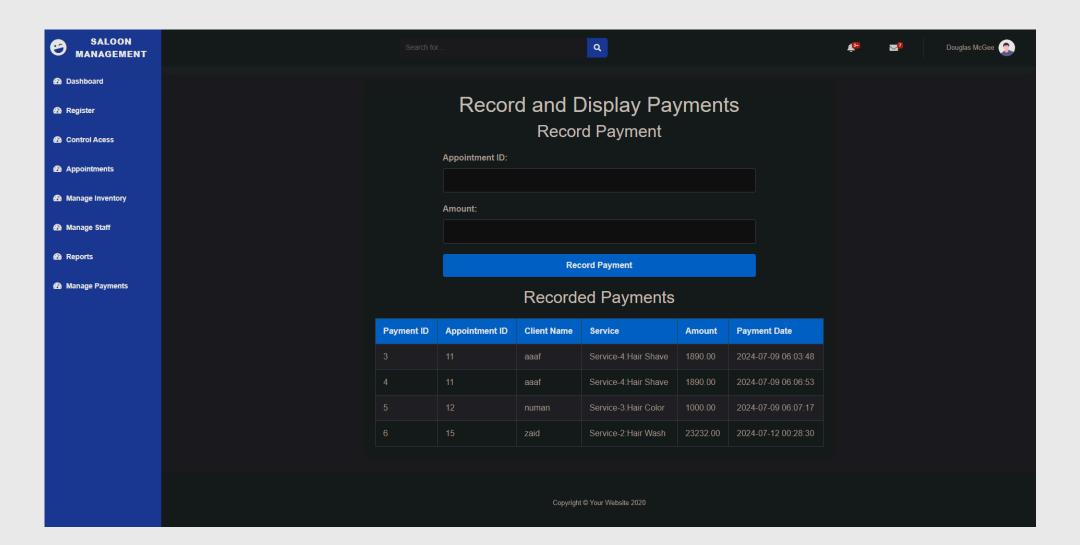


STAFF MANAGEMENT

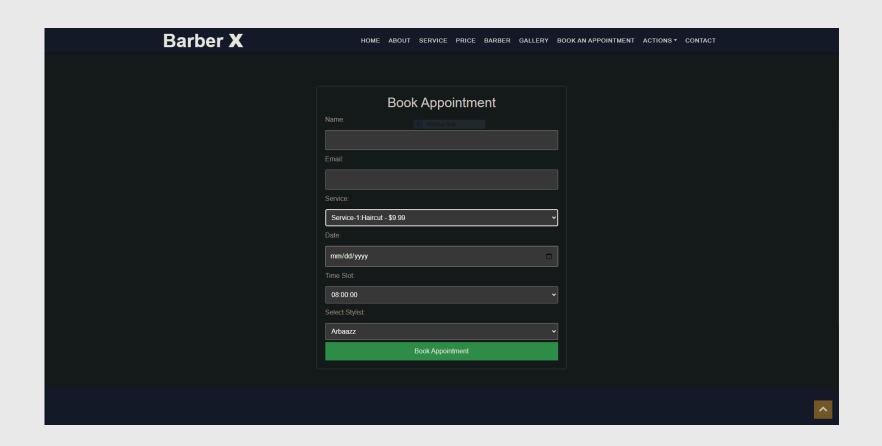


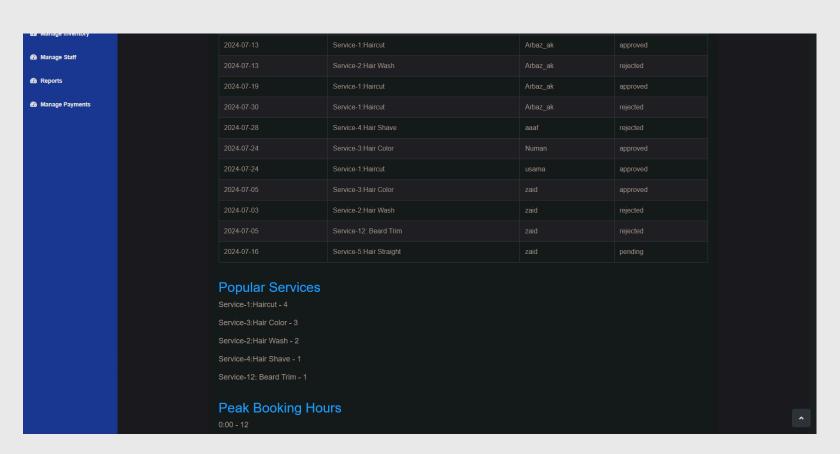


PAYMENT MANAGEMENT



BOOKING





REGISTRATION PAGE

```
** register.php × ** index.php
                                                                                                                                                                                                                                                                                                    ■ saloon_management (8).sc > □ ··
        V E PROJECT SALOON MANAGEMENT
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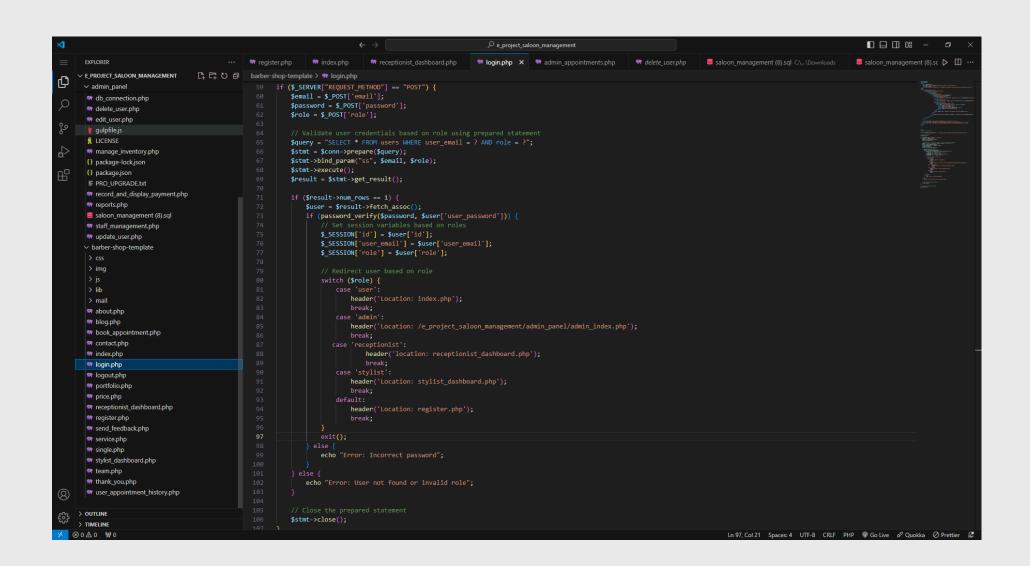
√ admin_panel

          db_connection.php
                                                                                if ($_SERVER["REQUEST_METHOO"] == "POST") {
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = $_POST['password'];
    $confirmPassword - $_POST['confirm_password'];
    $role = $_POST['role'];
          edit_user.php
           gulpfile.js
           manage_inventory.php
          {} package-lock.json
                                                                                     if ($password !== $confirmPassword) {
    echo "Error: Passwords do not match";
           F PRO_UPGRADE.txt
          m record and display payment.php
          saloon_management (8).sql
                                                                                                                                                _name = '$username' OR user_email = '$email'";
           staff_management.php
                                                                                           $check_result = mysqli_query($conn, $sql);

∨ barber-shop-template

                                                                                          if (mysqli_num_rows($check_result) > 0) {
    echo "Error: Email or Username is already registered";
                                                                                               ilse {
// Hash the password before saving
$hashedPassword = password_hash($password, PASSWORD_DEFAULT);
           > lib
                                                                                               // Insert new user into database
$query = "INSERT INTO `users`(`user_name`, `user_email`, `role`, `user_password`, `created_at`) VALUES ('$username', '$email', '$role', '$hashedPassword', NOW()
$result = mysqli_query($conn, $query);
          about.php
           😭 blog.php
           e contact.php
           😭 index.php
                                                                                                           case 'user':
   header('location:index.php');
          🖛 logout.php
                                                                                                           break;
case 'receptionist':
header('location: receptionist_dashboard.php');
           mportfolio.php
          receptionist dashboard.php
                                                                                                          break;
case 'stylist':
   header('location: stylist_dashboard.php');
          service.php
           single.php
                                                                                                                header('location: index.php');
          🖛 team.php
                             nent_history.php
                                                                                               } else {
   echo "Error occurred: " . mysqli_error($conn);
        > OUTLINE
                                                                                                                                                                                                                                                      Ln 64, Col 1 Spaces: 4 UTF-8 CRLF PHP @ Go Live & Quokk
```

LOGIN PAGE



APPOINMENT HISTORY

```
■ saloon_ma ▷ 🏻
                                                                                                                                                                     muser_appointment_history.php × mthank_you.php

✓ E_PROJECT_SALOON_MANAGEMENT

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√ admin_panel

                   m delete_user.php
                                                                                                                                    /// Check if the user is logged in
if (!isset($_5ESSION('id'))) {
    header('Location: /e_project_saloo
    exit();
}
                   manage_inventory.php
                  {} package.json
                                                                                                                                   $user_id = $_SESSION['id'];
// $user_name = $_SESSION['user_name'];
                   record_and_display_payment.php
                                                                                                                                     // Fetch the user's appointment history
$appointments_query = "
                  saloon_management (8).sql
                                                                                                                                                  a.id,
a.service_id,
s.service_name,
a.appointment_date,
t.slot_time,
                   m update_user.php
                                                                                                                                   U.USer_name %5 stylist_name
FROM appointments a
JOIN time_slots t ON a.time_slot_id = t.id
JOIN services 5 ON a.service_id = s.id
JOIN users u ON a.stylist_id = u.id
WHERE a.user_id = $user_id";
$appointments_result = $conn->query($appointments_query);
                    price.php
                   register.php
                                                                                                                                                     body { font-family: Arial, sans-serif; }
.container { max-width: 800px; margin: auto; padding: 20px; border: 1px solid #ccc; border-radius: 5px; }
h2 { text-align: center; }
table { width: 100%; border-collapse: collapse; margin-bottom: 20px; }
table, th, td { border: 1px solid black; }
th, td { padding: 10px; text-align: left; }
th { background-color: #f2f2f2; }
button { background-color: #4CAF50; color: white; border: none; cursor: pointer; padding: 10px; }
button:hover { background-color: #45a049; }
style>
                   service.php
                   stylist_dashboard.php
                   m thank_you.php
```

APPOINTMENT MANAGEMENT

```
💝 admin_appointments.php 🗙 📒 saloon_management (8).sql C:\...\Do
      V E PROJECT SALOON MANAGEMENT
                                                                     # sb-admin-2.min.css
        > vendor
                                                                         // Fetch user details from the appointmen!
$user_query = "SELECT user_name, user_email FROM appointments WHERE id = $appointment_id";
$user_result = $conn->query($user_query);
        gitignore
        admin access contro.php
                                                                            // Update appointment status
$update_sql = "UPDATE appointments SET status = '$status' WHERE id = $appointment_id";
if ($conn->query($update_sql) === TRUE) {
    echo "Appointment" . $status . " successfully.";
} else {
        madmin_index.php
         madmin_register.php
         m delete_user.php
                                                                                  echo "Error updating appointment: " . $conn->error;
         🌹 gulpfile.js
         manage_inventory.php
        {} package.json

■ PRO UPGRADE.txt
                                                                    // Fetch appointments based on status
$statuses = ['pending', 'approved', 'rejected'];
$appointments = [];
         record_and_display_payment.php
         saloon_management (8).sql
                                                                        npdate_user.php
         🐄 blog.php
        m book_appointment.php
        er contact.php
£555
                                                                                                                                                                                                                      Ln 16, Col 47 Spaces: 4 UTF-8 CRLF PHP @ Go Live & Quokka O Prettier &
```

STYLISH DASHBOARD

```
··· 🕷 send_feedback.php 🧠 stylist_dashboard.php 🗙 🐃 thank_yow.php 🗬 register.php 🐃 index.php 🐃 receptionist_dashboard.php 🐃 login.php 🐃 admin_appointments.php
                                                 다 타 가 회 barber-shop-template > 🖛 stylist_dashboard.php
V E PROJECT SALOON MANAGEMENT

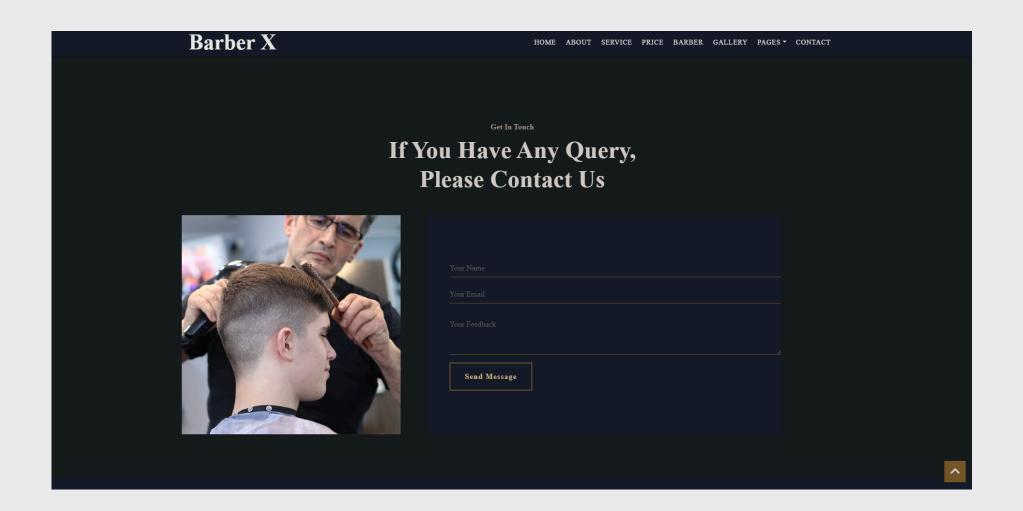
✓ admin_panel

                                                                                   session\_start(); \\ include $\tt SERVER['DOCUMENT_ROOT'] . '/e\_project\_saloon\_management/admin\_panel/db\_connection.php'; \\
                                                                                    // tneck if the user is logged in and is a stylist
if (lisset($_SESSION['id']) || $_SESSION['role'] !== 'stylist') {
   header('Location: login.php');
   exit();
}
   edit_user.php

↑ LICENSE

   manage_inventory.php
   {} package-lock.json
  {} package.json
   F PRO_UPGRADE.txt
   record_and_display_payment.php
                                                                                   // Fetch today's appointments for the stylist
$today_date = date('Y-m-d');
$appointments_sql = '$ELECT * FROM appointments WHERE stylist_id = '$stylist_id' AND appointment_date = '$today_date' AND status = 'approved'";
$appointments_result = $conn->query($appointments_sql);
   m reports.php
   saloon_management (8).sql
   🖛 staff_management.php
   m update_user.php
                                                                                    // Fetch future appointments for the stylist
$future_appointments_sql = "SELECT * FROM appointments WHERE stylist_id = '$stylist_id' AND appointment_date > '$today_date' AND status = 'approved'";
$future_appointments_result = $conn->query($future_appointments_sql);
                                                                                    // Fetch total commission generated by the stylist
$commission_sql = "
                                                                                         ommission_sql = "
SELECT SUM(s.price * (u.commission_rate / 100)) AS total_commission
FROM appointments a
JOIN services s ON a.service_id = s.id
JOIN users u ON a.stylist_id = u.id
WHERE a.stylist_id = '$stylist_id' AND a.status = 'approved'
   🙌 blog.php
   mbook_appointment.php
                                                                                    commission_result = $conn->query($commission_sql);
$total_commission = $commission_result->fetch_assoc()['total_commission'] ?? 0.00;
   m index.php
   🐄 login.php
   m portfolio.php
   m receptionist_dashboard.php
   m register.php
                                                                                           <title>Stylist Dashboard</title>
   ervice.php
                                                                                               tyle>
body { font-family: Arial, sans-serif; }
.container { max-width: 800px; margin: auto; padding: 20px; border: 1px solid #ccc; border-radius: 5px; }
h1, h2 { text-align: center; }
table { width: 100%; border-collapse: collapse; margin-top: 20px; }
table th, table td { padding: 10px; border: 1px solid #ccc; }
table th { background-color: #f6f0f0; }
   🐄 single.php
   em team.php
   💝 thank_you.php
> TIMELINE
                                                                                                                                                                                                                                                                                        Ln 33, Col 16 Spaces: 4 UTF-8 CRLF PHP @ Go Live 💅 Quokka ⊘ Pret
```

FEEDBACK PAGE



SOFTWARE

USE SOFTWARE AS PER YOUR REQUIREMENT

☑ WINDOWS OS /PHP/LARAVEL/NOTEPAD/SQL

