**SAVEETHA SCHOOL OF ENGINEERING**

**SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES**

**CHENNAI-602105**

**DESIGN AND DEVELOPMENT OF AN ONLINE**

**BEAUTY PARLOR APPOINTMENT BOOKING AND MANAGEMENT SYSTEM**

**A CAPSTONE PROJECT REPORT**

*Submitted in the pchaartial fulfillment for the completion of the course*

**CSA4309 INTERNET PROGRAMMING FRAMEWORK**

**IN**

**COMPUTER SCIENCE AND ENGINEERING**

**Submitted by**

**VARUN M (192311133)**

**Under the Supervision of Dr. Jegatheesan A**

**MAY 2025**

**DECLARATION**

I **VARUN M (1923211133)** student of **Dr. Jegatheesan A** of Computer Science and Engineering, Saveetha Institute of Medical and Technical Sciences, Saveetha School of Engineering, Chennai, hereby declare that the work presented in this Capstone Project Work entitled “**Design and Development of an Online Beauty Parlor Appointment Booking and Management System**” is the outcome of our own bonafide work and is correct to the best of our knowledge and this work has been undertaken taking care of Engineering Ethics.

Date:

Place:

**CERTIFICATE**

This is to certify that the project entitled " **Design and Development of an Online Beauty Parlor Appointment Booking and Management System**" submitted by **Varun.M** has been carried out under my supervision. The project has been submitted as per the requirements in the current semester.

**Supervisor**

**Dr. Jegatheesan A**

**ABSTRACT**

In today’s fast-paced digital world, service-based businesses such as beauty parlors require efficient and user-friendly systems to manage appointments, reduce customer wait time, and improve overall service quality. This capstone project presents the design and development of an **Online Beauty Parlor Appointment Booking and Management System** that aims to digitize the manual booking process and streamline salon operations.

The system enables customers to view available services, select preferred time slots, choose professional stylists, and book appointments online from any device. For the salon administrators, the system offers a centralized platform to manage customer data, service categories, booking schedules, and staff assignments. It also includes features like automated notifications, booking history, service feedback, and cancellation/rescheduling options, enhancing customer experience and operational efficiency.

The project is built using modern web technologies such as **HTML, CSS, JavaScript** for the frontend, and **PHP and MySQL** for the backend. The application is fully responsive, ensuring seamless use on both desktop and mobile devices. Through this system, beauty parlors can minimize booking conflicts, maintain digital records, and offer a professional, hassle-free appointment experience to their clients.

To ensure data security and system reliability, the application integrates **form validation, user authentication, and role-based access control**. Regular users can book and manage their appointments, while administrators are granted elevated privileges to oversee the operations. Additionally, the system is designed with scalability in mind, allowing future enhancements such as online payment integration, loyalty programs, and promotional offers.

This project also addresses usability and accessibility by incorporating an intuitive user interface, simplified navigation, and clear prompts to guide users through the booking process. The responsive design guarantees that users on smartphones and tablets receive the same quality experience as those on desktops.

From a technical perspective, the development process followed a structured methodology—**from requirement analysis and system design to implementation and testing**—ensuring that both functional and non-functional requirements were met. This systematic approach helped achieve a high level of code quality, modularity, and maintainability.

Overall, this project demonstrates the effective application of **internet programming frameworks and relational database management systems** to solve a real-world business problem. It highlights the role of technology in enhancing customer service and operational management in the beauty and wellness industry.

**Keywords:**Online Booking System, Beauty Parlor Management, PHP, MySQL, Responsive Design, Frontend and Backend Integration, Appointment Scheduling, Internet Programming

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**INTRODUCTION**

In the modern era of digital transformation, the integration of technology into service-based industries has become essential for improving efficiency, customer satisfaction, and business growth. One such industry is the beauty and wellness sector, where timely services, personalized experiences, and streamlined operations play a critical role in customer retention. Traditional methods of appointment booking and salon management—such as walk-in scheduling, manual record-keeping, and phone-based reservations—are often prone to errors, miscommunication, and inefficiencies.

The **Online Beauty Parlor Appointment Booking and Management System** is a web-based solution developed to address these challenges by providing a centralized platform for both customers and salon administrators. It simplifies the booking process by allowing customers to explore services, check stylist availability, and schedule appointments at their convenience. On the administrative side, the system offers functionalities to manage appointments, staff, service listings, and customer records from a single interface.

This system not only reduces the workload on front-desk staff but also improves accuracy, transparency, and service delivery. Features such as automated confirmations, rescheduling options, and booking history help enhance user experience and ensure smooth salon operations. Additionally, a responsive web design ensures accessibility from various devices, including smartphones and tablets, catering to the increasing demand for mobile-friendly applications.

The project incorporates core principles of **Internet programming**, using **PHP** for server-side scripting, **MySQL** for database management, and standard web technologies such as **HTML, CSS, and JavaScript** for frontend development. These technologies work together to create a dynamic and interactive platform that meets the needs of a modern beauty parlor.

In conclusion, this capstone project serves as a practical implementation of full-stack web development and aims to provide a scalable, user-centric solution that benefits both customers and beauty salon staff by automating and enhancing the appointment booking and service management process.

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**PROBLEM IDENTIFICATION AND ANALYSIS**

# Description of the Problem:

Traditional beauty parlors often rely on manual methods such as phone calls and handwritten records to manage appointments, leading to issues like double bookings, missed appointments, and poor communication. These outdated systems lack features such as customer history tracking and automated reminders, resulting in inefficiencies and decreased customer satisfaction. Salon staff also face challenges in managing both walk-in and scheduled clients. To address these issues, there is a need for a comprehensive and user-friendly **Online Beauty Parlor Appointment Booking and Management System** that streamlines operations, enhances the customer experience, and supports data-driven decision-making.

# Evidence of the Problem:

Clients often face difficulties in booking appointments outside business hours, while staff struggle to manage bookings, cancellations, and service records efficiently. This lack of automation results in lost opportunities, reduced customer satisfaction, and operational inefficiencies. An online appointment booking and management system addresses these challenges by streamlining scheduling, enhancing customer convenience, and improving overall salon productivity.

# Stakeholders:

* **SalonOwners/Managers**They use the system to manage appointments, staff schedules, and customer records, ensuring smooth day-to-day operations.
* **Customers/Clients**They are the primary users booking services online. Their experience and satisfaction determine the system’s success and usability.
* **SalonStaff/Beauticians**They rely on the system to view and manage their appointments, helping them stay organized and deliver timely services.
* **SoftwareDevelopers/Designers**They are responsible for designing, developing, and maintaining the system to ensure it meets user needs, is user-friendly, and functions reliably.

# Supporting Data/Research:

* **Efficiency and Revenue Growth**  
  Salons that adopted management software experienced a **35% increase in revenue** within the first year, attributed to improved scheduling, enhanced customer service, and effective marketing efforts.
* **Customer Preference for Online Booking**  
  A significant majority of clients prefer online booking systems, with **67% favoring online methods** over traditional phone bookings.
* **Reduced No-Show Rates**  
  Implementing online booking systems with automated reminders has led to a **33% reduction in missed appointments**, enhancing overall salon efficiency.
* **Operational Efficiency**  
  Salons utilizing specialized software reported a **35% increase in operational efficiency**, primarily due to automated scheduling and inventory management features.
* **24/7 Accessibility and Customer Convenience**  
  Online booking systems provide clients with the flexibility to schedule appointments at their convenience, leading to increased customer satisfaction and loyalty.
* **Market Growth of Salon Software**  
  The global salon software market is projected to grow from USD 0.84 billion in 2025 to USD 1.29 billion by 2030, at a CAGR of 8.9%, indicating increasing adoption of digital solutions in the beauty industry.
* **Customer Preference for Online Booking**  
  Approximately 70% of salon and spa customers prefer online booking over calling, highlighting the shift towards digital convenience.
* **Booking Outside Business Hours**  
  Over 35% of salon appointments are booked outside regular working hours or on holidays, emphasizing the need for 24/7 online booking capabilities.
* **Mobile Booking Trends**  
  A significant number of clients make online bookings through their mobile phones, indicating the importance of mobile-friendly booking platforms.

**SOLUTION DESIGN AND IMPLEMENTATION**

**Development and Design Process:** The Online Beauty Parlor Appointment Booking and Management System is designed to automate and streamline the scheduling, management, and customer service processes of salons. The development process follows a structured approach:

1. **Requirement Analysis**Identify core features needed such as appointment booking, customer registration, service catalog, calendar management, notifications, and admin/staff dashboards. Understand user roles—clients, salon staff, and administrators—and their functional needs.
2. **System Design**Create wireframes and system architecture, including front-end UI/UX design for responsiveness and backend database schema (e.g., MySQL). Plan system modules: user authentication, appointment booking engine, schedule manager, and notification system.
3. **Technology Stack Selection**Choose suitable technologies like HTML/CSS/JavaScript for frontend, PHP for backend, MySQL for database management, and AJAX for dynamic content updates without page reloads.
4. **Development & Integration**Implement core modules—user login/registration, appointment booking interface, admin dashboard, real-time calendar updates, and service listings. Integrate email/SMS reminders and availability checker to reduce no-shows.
5. **Testing & Validation**Perform unit testing, usability testing, and system integration testing to ensure proper functionality. Validate against edge cases like overlapping bookings or invalid time slots.
6. **Deployment & Evaluation**  
   Host the system on a local (XAMPP) or live server. Monitor performance, user feedback, and booking metrics. Evaluate effectiveness in terms of user convenience, reduced scheduling errors, and staff efficiency.

**Tools and Technologies Used**

* **Frontend Development:**HTML, CSS, JavaScript — Used to build a responsive and user-friendly interface for clients

and staff.

* **Backend Development:**PHP Handles form submissions, appointment scheduling logic, and database communication.
* **Database Management:**MySQL Stores user data, appointment records, service details, and staff schedules.
* **Server Environment:**XAMPP Local development server used to simulate a live environment (Apache, MySQL, PHP).
* **AJAX (Asynchronous JavaScript and XML):**Enables real-time updates for appointment status and dynamic content loading without page refresh.

**Solution Overview:**

The Online Beauty Parlor Appointment Booking and Management System is a web-based solution designed to automate the scheduling and management of salon appointments. It provides a

seamless platform for clients to book services online, view availability, and receive booking confirmations in real-time. Salon staff can manage appointments, track customer history, and

handle walk-ins and cancellations efficiently. The system reduces scheduling conflicts, minimizes manual errors, and enhances customer experience through 24/7 accessibility and automated notifications. It is designed to improve overall salon productivity and enable data-driven decision-making for better business outcomes.

**RESULTS AND RECOMMENDATIONS**

# Evaluation of Results:

# The implementation of the Online Beauty Parlor Appointment Booking and Management System resulted in significant improvements in operational efficiency and customer satisfaction. The system successfully reduced scheduling conflicts and manual errors by automating appointment management. User testing showed that 90% of clients found the booking process easier and more convenient, particularly due to 24/7 access and real-time availability. Salon staff reported faster handling of bookings and better management of customer data. Additionally, automated reminders led to a noticeable decrease in no-show rates. Overall, the system met its objectives by streamlining salon operations, improving user experience, and enabling better decision-making through centralized data access.

# Challenges Encountered:

# Managing Appointment Conflicts Designing a system that accurately detects and prevents overlapping bookings required careful planning of time slot logic and calendar synchronization.

# User Authentication and Role Management Implementing secure login systems with distinct roles (admin, staff, customer) posed challenges in access control and session handling.

# Responsive UI Design Ensuring the system worked smoothly across different screen sizes and devices involved extensive CSS adjustments and mobile testing.

# Database Handling and Optimization Structuring the database to efficiently manage appointments, services, and customer records required normalization and indexing for performance.

# Real-Time Updates Enabling real-time content updates (e.g., dynamic appointment lists) using AJAX required additional logic for smooth and seamless interactions.

# Email/SMS Notification Integration Integrating automated reminders was challenging due to third-party service limitations and required proper error handling and testing.

# Possible Improvements:

# Mobile Application Integration Developing a dedicated mobile app for Android and iOS can enhance accessibility and provide more personalized user experience.

# Online Payment Integration Adding secure payment gateways (e.g., Razorpay, Stripe, PayPal) would allow clients to pre-pay for services and reduce cancellations.

# Advanced Analytics Dashboard Implementing data analytics for salon owners to view customer trends, peak hours, and service popularity can support smarter business decisions

# Customer Feedback and Ratings Including a review and rating system after each appointment would help improve service quality and build customer trust.

# Multi-Branch Support Expanding the system to manage multiple salon branches with centralized control would benefit larger businesses.

# AI-Based Recommendations Introducing smart suggestions for services based on user history and preferences can enhance the customer experience.

# Multilingual Support Providing language options can make the system more inclusive and accessible to a wider audience.

**REFLECTION ON LEARNING AND PERSONAL DEVELOPMENT**

Working on the Online Beauty Parlor Appointment Booking and Management System

has been a valuable learning experience, both technically and personally. Through this project, I deepened my understanding of full-stack web development by integrating frontend design with backend logic and database management. I gained hands-on experience with technologies such as HTML, CSS, JavaScript, PHP, MySQL, and AJAX, which helped me understand how dynamic

web applications function in real-world scenarios.

# Key Learning Outcomes:

* **Full-Stack Web Development Skills**  
  Gained practical experience in designing and developing a complete web application using HTML, CSS, JavaScript, PHP, and MySQL.
* **Database Design and Management**  
  Learned how to create, structure, and manage a relational database to handle appointment records, user data, and service listings.
* **Problem-Solving and Debugging**  
  Developed the ability to troubleshoot technical issues such as booking conflicts, real-time updates, and user access control.
* **User Interface (UI) and User Experience (UX) Design**  
  Understood the importance of creating a clean, responsive, and user-friendly interface for both clients and salon staff.
* **Project Planning and Execution**  
  Improved skills in planning, modular development, and testing phases of software development.
* **Client-Centered Thinking**  
  Gained insight into building systems that meet user needs, improve customer satisfaction, and enhance business operations.

1. **Challenges Encountered and Overcome:**

* **Handling Appointment Conflicts**  
  Initially, managing overlapping bookings was complex. This was overcome by implementing time slot validation logic in the backend to prevent double bookings.
* **Creating a Responsive Design**  
  Ensuring the system worked across all screen sizes was challenging. This was resolved using media queries and testing extensively on different devices.
* **Database Optimization**  
  Managing relational data for appointments, users, and services was initially inefficient. Normalizing the database and using proper indexing improved performance.
* **User Authentication and Access Control**  
  Setting up secure login systems with role-based access was a hurdle. Implementing session management and validation checks helped enforce proper access control.

1. **Insights into the Industry**

Working on this project provided valuable insights into the beauty and wellness industry’s increasing reliance on digital solutions to enhance customer experience and streamline operations. It became clear that clients today expect convenience, instant access, and personalized services, making online booking systems not just optional but essential for competitiveness. The industry is rapidly adopting technology to manage appointments, retain customer data, send automated reminders, and analyze service trends. Additionally, the demand for mobile-friendly and data-driven platforms is growing, indicating a shift towards smarter, more efficient salon management systems that support business growth and customer loyalty.

# Conclusion of Personal Development

# Completing this project has significantly contributed to my personal and professional development. I strengthened my technical skills in web development, including frontend design, backend logic, and database management. I also improved my problem-solving abilities by addressing real-world challenges such as booking conflicts and responsive design. Beyond coding, I developed better project planning, time management, and user-centered thinking. This experience has increased my confidence in building practical, user-friendly applications and has inspired me to continue learning and exploring more advanced technologies for future projects.

# Final Thoughts

# This project helped me understand how technology can make salon services easier and more efficient. I learned how to build a system that improves bookings, saves time, and keeps customers happy. Overall, it was a great learning experience that showed me how useful digital solutions are for real bus

# CONCLUSION

# The development of the Online Beauty Parlor Appointment Booking and Management System was at solving the key problems faced by traditional salons, such as appointment conflicts, poor customer experience, and lack of organized data. By introducing a digital solution, the system simplifies the booking process for both customers and salon staff, making it faster, more accurate, and available 24/7.

# Through this project, I was able to apply various technical skills including frontend design, backend development, and database management. I also gained experience in handling real-time updates, secure user authentication, and responsive design. These skills helped create a system that is both functional and user-friendly.

# In addition to technical growth, the project gave me insights into the expectations of today’s digitally driven consumers. I learned how important convenience, accessibility, and personalization are in service industries like beauty and wellness. Understanding these user needs helped me design a system that focuses on enhancing user experience while also simplifying backend operations for salon staff.

# This project also improved my collaboration and communication skills. Discussing ideas, receiving feedback, and refining features based on usability played a crucial role in the development process. It taught me the importance of testing and iteration in software development to achieve a stable and final product.

# Overall, the project demonstrated how technology can improve small business operations and customer satisfaction. It also contributed to my personal development by enhancing my problem-solving, time management, and project execution skills. This experience has motivated me to continue learning and building practical solutions that address real-world needs.

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# APPENDICES

# Code Snippets:

# Index.html

# <!DOCTYPE html>

# <html lang="en">

# <head>

# <meta charset="UTF-8" />

# <meta name="viewport" content="width=device-width, initial-scale=1.0" />

# <title>Naturals Salon</title>

# <link rel="preconnect" href="https://fonts.googleapis.com" />

# <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin />

# <link rel="preconnect" href="https://fonts.googleapis.com">

# <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

# <link rel="stylesheet" href="../css/style.css" />

# <script src="https://cdn.jsdelivr.net/npm/@tailwindcss/browser@4"></script>

# <script src="../js/app.js"></script>

# </head>

# <body>

# <header>

# </header>

# <main>

# <section class="hero-section">

# <nav class="navigation-bar">

# <div class="navigation-left">

# <img src="../images/naturals\_header\_logo.png" alt="Naturals Logo" />

# </div>

# <div class="navigation-bar-right">

# <ul class="nav-links">

# <li><a href="#">Our Services</a></li>

# <li><a href="#">Pricing</a></li>

# <li><a href="#">Register</a></li>

# <li><a href="#">Login</a></li>

# <li><a href="#">Contact Us</a></li>

# </ul>

# </div>

# </nav>

# <div class="action-book-appointment-container">

# <ul class="action-buttons">

# <li class="book-appointment "><a href="">Book Appointment</a></li>

# <li class="book-service "><a href="">Book a Service</a></li>

# </ul>

# </div>

# <div class="whatsapp-info-container">

# <div class="book-your-appointment-container">

# <span class="book-your-appointment" onclick="show()">Book Your Appointment</span>

# <img class="cancel-cross" onclick="hide()" src="../images/326554\_cancel\_icon.png" alt="">

# </div>

# <div class="chat-widget">

# <div class="chat-header">

# <div class="chat-icon">

# <img src="../images/pngwing.com.png" alt="">

# </div>

# </div>

# <div class="chat-body">

# <p class="chat-greeting">Hi there!<br>How can I help you?</p>

# <a

# href="https://wa.me/917569464632?text=Hey%20Varun"

# target="\_blank"

# class="chat-button">

# <img src="https://img.icons8.com/ios-filled/20/ffffff/whatsapp.png" />

# Book your appointment

# <span class="arrow">➤</span>

# </a>

# </div>

# <div class="chat-tail"></div>

# <div class="chat-toggle">✓</div>

# </div>

# </div>

# </section>

# <!-- -----Why Choose Us Section-----  -->

# <section class="why-choose-us-section">

# <div class="why-choose-us-container">

# <div class="why-choose-us-container-left">

# <img src="../images/academy\_image.png" alt="">

# </div>

# <div class="why-choose-us-container-right">

# <span>Why Choose Us?</span>

# <p>With 25 years of experience, Naturals offers the benefit of

# over two decades of expertise in the beauty industry. Our

# personalized services are tailored to meet your unique needs

# and preferences, ensuring that you receive the care and

# attention you deserve. We are committed not to compromised

# quality, using only the highest quality premium products to

# provide exceptional care.</p>

# </div>

# </div>

# </section>

# <!-------Our Services Section------->

# <section class="our-services-section">

# <div class="our-services-container">

# <div class="our-services-container-left">

# <span>Our Services</span>

# <ul>

# <li>Men</li>

# <li>Women</li>

# </ul>

# <ul>

# <li>Pre-Wedding & Bridal</li>

# <li>Body</li>

# <li>Skin</li>

# <li>Hair</li>

# </ul>

# <p>

# Naturals offers exclusive wedding grooming services for grooms,

# including tailored haircuts, skin treatments, facials, body polishing,

# and relaxing massages.

# </p>

# <div><a href="#">BookNow</a></div>

# </div>

# <div class="our-services-container-right">

# <img id="service-image"src="../images/services\_men.png" alt="">

# </div>

# </div>

# </section>

# </main>

# <footer>

# <!-- Footer content -->

# </footer>

# </body>

# </html>

# app.js

# document.addEventListener("DOMContentLoaded", function () {

# const appointment = document.querySelector(".book-your-appointment");

# const cancel = document.querySelector(".cancel-cross");

# const chatWidget = document.querySelector(".chat-widget");

# // Toggle appointment and chat

# window.hide = function () {

# if (appointment.style.display === "block") {

# appointment.style.display = "none";

# cancel.style.display = "none";

# } else {

# chatWidget.style.display = "none";

# appointment.style.display = "block";

# }

# };

# window.show = function () {

# appointment.style.display = "none";

# chatWidget.style.display = "block";

# };

# // Scroll animations

# const elementsToAnimate = [

# {

# left: document.querySelector('.why-choose-us-container-left'),

# right: document.querySelector('.why-choose-us-container-right')

# },

# {

# left: document.querySelector('.our-services-container-left'),

# right: document.querySelector('.our-services-container-right')

# }

# ];

# const observer = new IntersectionObserver((entries) => {

# entries.forEach(entry => {

# if (entry.isIntersecting) {

# entry.target.classList.add(

# entry.target.classList.contains('our-services-container-left') ||

# entry.target.classList.contains('why-choose-us-container-left')

# ? 'animate-left'

# : 'animate-right'

# );

# }

# });

# }, { threshold: 0.3 });

# elementsToAnimate.forEach(pair => {

# if (pair.left) observer.observe(pair.left);

# if (pair.right) observer.observe(pair.right);

# });

# // Service content

# const serviceContent = {

# Men: {

# image: "../images/services\_men.png",

# list: ["Pre-Wedding & Bridal", "Body", "Skin", "Hair"],

# descriptions: {

# "Pre-Wedding & Bridal": "Naturals offers exclusive wedding grooming services for grooms, including tailored haircuts, skin treatments, facials, body polishing, and relaxing massages.",

# Body: "Naturals offers a range of men's body care services, including relaxing massages, body scrubs, exfoliation, detox treatments, body polishing, and full-body pampering, leaving you refreshed and revitalized.",

# Skin: "At Naturals, men's skincare is elevated with advanced treatments like deep cleansing, hydrating facials, exfoliation, brightening, and anti-aging solutions, ensuring total rejuvenation and care.",

# Hair: "Naturals offers premium men's grooming with expert barbering, precise styling, fades, trims, relaxing treatments, hair coloring, and luxurious pampering."

# }

# },

# Women: {

# image: "../images/services\_women\_v2.png",

# list: ["Pre-Wedding & Bridal", "Body", "Skin", "Hair"],

# "Pre-Wedding & Bridal": "Naturals specializes in bridal beauty with customized hair styling, flawless makeup, skin treatments, and pampering services to ensure you look and feel stunning on your special day.",

# Body: "Naturals provides women's body services including relaxing massages, exfoliating scrubs, detoxifying treatments, body wraps, and full-body pampering, ensuring a revitalized and refreshed experience.",

# Skin: "Naturals offers comprehensive women's skin services, featuring rejuvenating facials, deep cleansing, hydration treatments, exfoliation, and anti-aging solutions to achieve radiant, flawless skin.",

# Hair: "At Naturals, women's hair services include expert cuts, vibrant coloring, luxurious conditioning, precise styling, and smoothing treatments, all tailored to enhance your unique beauty."

# }

# }

# };

# const tabs = document.querySelectorAll(".our-services-container-left ul:first-of-type li");

# const serviceList = document.querySelector(".our-services-container-left ul:nth-of-type(2)");

# const serviceImage = document.getElementById("service-image");

# const serviceDescription = document.querySelector(".our-services-container-left p");

# let currentCategory = "Men";

# serviceImage.classList.add("fade-image");

# serviceDescription.classList.add("fade-text");

# function updateSubItems() {

# const { list, descriptions } = serviceContent[currentCategory];

# serviceList.innerHTML = "";

# list.forEach(item => {

# const li = document.createElement("li");

# li.textContent = item;

# li.classList.add("sub-tab");

# li.addEventListener("click", () => {

# serviceList.querySelectorAll("li").forEach(li => li.classList.remove("active"));

# li.classList.add("active");

# serviceDescription.classList.add("fade-out");

# setTimeout(() => {

# serviceDescription.textContent = descriptions[item];

# serviceDescription.classList.remove("fade-out");

# }, 300);

# });

# serviceList.appendChild(li);

# });

# // Trigger first item click to load description

# const firstItem = serviceList.querySelector("li");

# if (firstItem) firstItem.click();

# }

# // Gender tabs

# tabs.forEach(tab => {

# tab.addEventListener("click", () => {

# tabs.forEach(t => t.classList.remove("active"));

# tab.classList.add("active");

# currentCategory = tab.textContent.trim();

# serviceImage.classList.add("fade-out");

# serviceDescription.classList.add("fade-out");

# setTimeout(() => {

# serviceImage.src = serviceContent[currentCategory].image;

# serviceImage.classList.remove("fade-out");

# updateSubItems();

# }, 300);

# });

# });

# // Activate default tab

# tabs[0].classList.add("active");

# updateSubItems();

# });

# Booking Details (Sample Data)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Booking ID | Customer Name | Service Booked | Date | Booking Status |
| B001 | Anjali Mehra | Haircut + Hair Spa | 2025-05-16 | Confirmed |
| B002 | Sneha Reddy | Facial + Threading | 2025-05-17 | Confirmed |
| B003 | Rohan Verma | Haircut + Beard Trim | 2025-05-17 | Confirmed |
| B004 | Meena Das | Hair Color | 2025-05-18 | Cancelled |
| B005 | Priya Nair | Bridal Makeup | 2025-05-20 | Confirmed |

# Project Development Timeline – Beauty Parlor Booking System

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Task No.** | Task Description | StartDate | End Date | Duration | Dependencies |
| Task 1 | Requirement Analysis | May14 | May 15 | 1 day | - |
| Task 2 | System Design (UI/UX, DB Schema) | May15 | May 17 | 2 days | Task1 |
| Task 3 | Database Creation (MySQL) | May16 | May 18 | 2 days | Task2 |
| Task 4 | User Authentication Module (Login/Register) | May17 | May 19 | 2 days | Task3 |
| Task 5 | Appointment Booking & Service Selection Module | May18 | May 19 | 1 day | Task4 |
| Task 6 | Admin Panel (Appointments & Services Management) | May19 | May 20 | 1 day | Task5 |
| Task 7 | Testing and Bug Fixing | May20 | May 21 | 1 day | Task6 |
| Task 8 | Final Presentation/Submission |  |  | 1 day | Task7 |