**Semester Project ICT LAB**

Date of Submission: 9th December 2023

Submitted to: Prof. Kainat Nazir

Class: BSCSev 1-B

PHASE 2

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**Project Name:**

***HAIR SALON***

***“StyleHaven”***

**StyleHaven typically includes features designed to facilitate outstanding experience, engagement, and collaboration. Here are some key features:**

* **Stylists with Talent and Experience:** Employ competent and skilled hairstylists who are up to date on the newest trends and techniques.
* **Various Services:** To meet the needs of a varied consumer base, provide a wide range of services including as haircuts, style, coloring, extensions, and treatments.
* **Consultations on a One-to-One Basis:** Provide customized consultations to better understand your clients' tastes, lifestyle, and hair care requirements.
* **Products of High Quality:** To achieve the greatest results and maintain hair health, use high-quality hair care products and style tools.
* **Atmosphere that is both comfortable and inviting:** With elegant decor, comfy seats, and a peaceful mood, you may create a welcome and pleasant environment.
* **System of Appointments:** Implement an effective appointment system to reduce wait times and give a more pleasant experience for clients.

***User authentication in StyleHaven website:***

* **User Registration:** When a user wants to engage with the blogging website, they usually start by creating an account. During the registration process, they provide a unique username and a secure password. Some websites may also ask for additional information for profile creation.
* **Credentials Verification:** The credentials entered (username and password) are then verified against the stored data in the website's database. The password is usually hashed for security, meaning that even if the database is compromised, the actual passwords remain protected.
* **Session Management:** Upon successful verification, a session is established, allowing the user to navigate the website without re-entering their credentials for every action. Sessions are managed securely to prevent unauthorized access.
* **Password Reset Mechanism:** In case a user forgets their password, a secure password reset mechanism is provided. This often involves sending a password reset link to the user's registered email address.
* **Secure Transmission:** During the authentication process, the transmission of user credentials and sensitive information is encrypted using protocols like HTTPS to ensure that the data is secure during transit.
* **Logout Functionality:** Users should have the ability to log out securely, terminating their session to prevent unauthorized access if they are using a shared or public computer.

***Platform compatibility in StyleHaven website:***

* **Cross-Browser Compatibility:** The website should be compatible with popular web browsers such as Chrome, Firefox, Safari, and Edge. Testing and optimizing the website for different browsers helps prevent issues like layout distortions or functionality errors.
* **Operating System Compatibility:** Users may access the educational blogging website from different operating systems such as Windows, macOS, Linux, iOS, or Android. The website should be compatible with these diverse operating environments to provide a consistent experience.
* **Load Time Optimization:** Platform compatibility also involves optimizing the website's performance to ensure fast loading times on devices and network conditions. This is crucial for retaining user engagement and satisfaction.
* **Scalability:** As the website grows, it should be scalable to handle increased traffic and content without compromising performance on different platforms.

**USER STORIES**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sr no** | **Type of user** | **Objective** | **Results** |
| **1** | **To-be Bride** | **looking for information about salon’s services, pricing and location** | **Pricing are reasonable with good facilities and services.** |
| **2** | **As a potential customer:** | **want to find information about promotions, discounts, or special packages.** | **A well-organized navigation menu that provides easy access to services, pricing, and location details.** |
| **3** | **As a user interested in trends:** | **want to see a blog or news section that highlights the latest hair trends, styling tips, and product recommendations.** | **Will find Blogs, comments, reviews and many other products to follow.** |
| **4** | **As a client with specific preferences:** | **personalized recommendations for hair care products based on my specific needs.** | **Clear and detailed service pages with information on pricing, duration, and any special considerations.** |
| **5** | **As a user seeking convenience:** | **I want to be able to easily contact the salon through a contact form or live chat for quick inquiries.** | **Contact Us Page provided so the user can easily chat to removes his quires.** |
| **6** | **As a customer who enjoyed a recent visit** | **want to leave a positive review and share my experience on the website** | **An easy-to-use review or feedback section on the website where customers can share their experiences.** |