

Chapter:1 Introduction

The Salon Management System is mapped to provide proper management over the websites. Using this system, customer schedules their appointment online. The sight of providing the objectives of this website is to help salon streamline their operations and improve customer satisfaction by connecting users and salon online. The Web Application would use a database to store information regarding all products and customer information as well as other such details. The proposed system would help clients schedule and reschedule appointments, manage cancellations and services. They can also send notifications to keep customers and business updated. It saves users time by providing helpful tid-bits and many more other features.

1.1 Organization Profile Organization

- Name: Jawed Habib Hair & Beauty Organization
- Owner: Jigar Parghi (Partner firm)
- Orgaization Address: Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat – 388120
- Establishment Year: 2023
- Number of Employees: 6
- Contact Number: 8905535055

1.2 System Details

1.2.1 Existing System

- The salon provides beauty and personal care services to clients. The primary interaction with clients is currently through a website.
- The website serves as the main point of contact for clients. It allows them to view information about the salon's services, staff, and location, and provides a way for them to get in touch.
- The website likely contains basic information about the salon such as contact details, service descriptions, working hours, and perhaps a contact form or a booking request form.
- Clients typically contact the salon for appointments via the website (through a contact form or email). There may be manual phone bookings as well.
- No inventory management system for tracking products used in the salon. No booking management system to handle client appointments in an organized manner. No customer relationship management (CRM) for tracking client preferences, history, or feedback.
- Lack of reporting tools for analysing business performance, customer trends, or inventory usage.

1.2.2 Proposed System

- The new system for the salon will serve as a comprehensive management solution, automating key processes and improving operational efficiency.
- Clients will be able to book appointments directly through an online system. The system will automatically schedule and confirm appointments, preventing double bookings and ensuring efficient time management. Clients can select services, preferred staff members, and time slots. They will receive automatic confirmations and reminders via email or SMS.
- The dashboard will allow administrators to easily add, modify, or remove services offered by the salon, including setting prices and descriptions.
- Admins can update essential sections such as About Us and Contact Us directly from the dashboard, ensuring the website stays up to date. The system will allow admins to generate and track invoices for services rendered, streamlining the billing process.
- After a service is completed, the system will automatically generate an invoice based on the services rendered and any products sold.
- The system will generate reports on various aspects of the business, such as daily bookings, revenue, customer trends, and service popularity. Key metrics such as peak hours, staff performance, and service demand will be analysed, helping management make informed decisions and improve efficiency.
- The system will automatically track products used in the salon, including stock levels and reorder points. When inventory is running low, the system will alert management, ensuring timely reorders and preventing shortages.
- The system may incorporate a loyalty program in future where clients can earn points for services and product purchases. Clients can redeem points for discounts or free services, encouraging repeat business and customer retention

1.3 Scope of System

- Automated scheduling and booking.
- Facilitate admin Dashboard handling (Service List, about us, contact us, invoice).
- Generating invoices through the system.
- Monitoring and improving salon operations with reports and analysis. Notify Appointment Status.
- Inventory Management.
- Customers reviews and ratings.
- Incorporating a loyalty program (Future Scope)

1.4 Objectives

- The main objective of the Salon management system website is to save time and complexity of work.
- Eliminate the paper-based work used at the Salon premise such as the usage of diaries to note down appointment details, writing manual invoices for the payments done by the customers.
- Eliminate the data redundancy, keeping appointment details at several places by several people.
- To help Salon track inventory items and accessories to ensure they have the products needed to service clients.
- Ease the management and decision-making while improving Salon's goodwill.

Chapter:2 Proposed System Requirement Gathering

2.1 Stakeholders of the system

▪ List of stakeholders

- Salon owners/Managers
- Staff
- Customers
- Suppliers

▪ Role of stakeholders

- Salon owners/Managers
- Managing appointments and staff schedules.
- Tracking inventory and ordering supplies
- Monitoring financial performance and generating reports.
- Handling customer relations, preferences, and feedback.

▪ Staff

- Viewing and updating their schedules and client bookings.
- Recording feedback and updating client profiles after appointments.
- Using products during services and reporting when stock is low.

▪ Customers

- Scheduling services online at their convenience.
- Browsing available treatments and prices.
- Updating personal information and preferences.
- Leaving reviews or feedback after services.

▪ Suppliers

- Supplying the salon with necessary products, such as hair care items and beauty tools.

2.2 Requirement gathering technique used

- Interview
- Questionnaire
- Record review
- Observation

We used questionnaires to gather the requirements for our system as it allows analysts to collect information about various aspects of systems from a large number of persons.

▪ Salon owners/Managers

1. What is the size of your salon?

⇒ Salon size: 1300 Square feet

Employees details:

Receptionist: 1

Cleaner: 1

Unisex Artist: 2

Male Hairdresser: 1

Beautician: 1

Total employees: 6

Owner details: Partner Firm.

2. What types of services does your salon offer? (e.g., haircuts, colouring, beauty treatments)

⇒ The salon provides a range of beauty and personal care services, such as haircuts, colouring, and other beauty treatments.

3. Are you currently using any software to manage salon operations?

⇒ No, the current system is manual, and the website serves as the main point of contact for clients to get in touch with the salon for appointments. There is no inventory management system or CRM.

4. Do you manage client appointments manually?

⇒ Yes, currently appointments are managed manually, with clients typically using the website's contact form or email for bookings.

5. Would you prefer the system to handle appointment bookings online?

⇒ Absolutely, I would prefer having a system in place that allows clients to book directly online.

6. How do you track employee working hours and performance?

⇒ At the moment, we don't have a formal system to track employee working hours or performance, but I would be interested in incorporating that into the new system to improve our operations.

7. Do you need features for managing employee shifts, attendance, and payroll?

⇒ Yes, I think it would be helpful to include features for managing shifts, attendance, and payroll. It would streamline our management processes and ensure efficiency.

8. How do you manage client profiles and preferences currently?

⇒ Currently, there's no formal system for managing client profiles or preferences, but the new solution will include a CRM feature to handle these aspects.

9. Would you like the system to track client histories?

⇒ Yes, having a system that tracks client histories and preferences would be great. It would help us provide more personalized service and maintain better customer relationships.

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10. Do you need loyalty or rewards program management for clients?
⇒ Currently, a loyalty or rewards program is not a priority because we are focused on implementing core features of the salon management system. Adding it now would increase complexity and development time, but it remains a valuable future scope to enhance client retention and engagement.

 11. How do you keep track of your product inventory?
⇒ Right now, we don't have a proper system for inventory management, and this is something we need to improve. The new system should help us track product usage and stock levels.

 12. Would you need automated alerts for low stock levels?
⇒ Yes, I would like the system to alert us when product stock is running low, so we can reorder in time and avoid any shortages.

 13. Should the system be able to place orders to suppliers when stock is low?
⇒ No, the system will not automatically place orders with suppliers. We will handle that manually after receiving the low stock notifications.

 14. What specific features would you like the system to include?
⇒ I'd like the system to send appointment reminders to clients via email or SMS, allow rescheduling and cancellations, gather client feedback, and generate reports on business performance. It should also help us manage invoices, track services, and analyse customer trends.
-
- **Staff**
1. How do you currently manage your daily appointments and schedules?
⇒ We manage daily appointments manually, either through phone calls or client messages from the website. Clients contact us, and we note down their appointments in a diary or on a calendar.

 2. What challenges do you face in managing your appointments?
⇒ Sometimes, it's hard to keep track of all the bookings, especially during busy periods. Double bookings or missed appointments can happen, and rescheduling manually takes time. Also, clients often call to confirm appointments, which adds to the workload.

 3. Would you prefer an online system for managing your schedule? Why or why not?
⇒ Yes, having an online system would be much easier. It would help prevent double bookings and let clients book their own appointments, reducing our need to handle every single request manually. It would also be more organized, and we could focus more on delivering services.

 4. Would it be helpful to receive alerts when products are running low?
⇒ Yes, alerts for low stock would be very helpful. Right now, we sometimes run out of products unexpectedly, which can delay services. With alerts, we could restock in time and avoid issues during appointments.

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5. What challenges do you face with the current system?
⇒ The manual system takes a lot of time and effort to manage. It's not always easy to remember everything, and there's a risk of making mistakes, like booking clients for the wrong time. There's also no way to keep track of client preferences or past services easily.

6. What specific features would you like to see in the salon management system (e.g., appointment reminders, product recommendations)?
⇒ I would like to have automatic appointment reminders for both clients and staff, as well as a way to track client preferences and their past services. It would also be helpful if the system could recommend products based on the services clients receive.

7. Are there any other suggestions or feedback you would like to provide regarding the salon management system?
⇒ It would be great if the system could help us track employee performance and provide feedback on which services are most popular. A feature for managing shifts and attendance would also help streamline our daily operations.

▪ Customers

1. Do you prefer booking appointments online?
⇒ Yes, booking online is more convenient for me.

2. Have you ever faced difficulties in booking appointments?
⇒ Sometimes, yes. It can be difficult to get through on the phone or get a confirmation right away, especially during busy times.

3. Would you prefer receiving appointment reminders?
⇒ Definitely! Appointment reminders would be very helpful, especially if they are sent by email or text. It would reduce the chances of forgetting appointments.

4. Are you satisfied with the current services provided by the salon?
⇒ Yes, I'm happy with the services.

5. Would you like the ability to view the salon's services and pricing online?
⇒ Yes, I would like to see the full list of services and their pricing online.

6. Do you think the salon could improve its booking process?
⇒ Yes, having a fully online booking system would be great.

7. Would you recommend the salon to others?
⇒ Yes, I would definitely recommend the salon to others.

▪ **Suppliers**

1. Do you provide an online catalogue of your products?
⇒ No, we do not currently provide an online catalogue. Orders are typically placed through direct communication or email.
2. Do you prefer receiving orders via email?
⇒ Yes, receiving orders via email is our preferred method.
3. Would you like the salon to notify you when stock levels are low?
⇒ Yes, receiving notifications when stock is low would help us manage deliveries and ensure that the salon is well-stocked.

2.3 Consolidated List of Requirement

1. Salon Services and Appointment Management

- Online Appointment Booking: Enable clients to schedule and reschedule appointments online, with options to select preferred services, staff, and time slots.
- Appointment Reminders: Automatic email or SMS reminders for both clients and staff to prevent no-shows and ensure efficient time management
- Appointment Alerts for Staff: Staff should receive alerts when new appointments are booked or when changes are made (rescheduled/cancelled).
- Avoid Double Bookings: Ensure no overlapping appointments through automated scheduling.
- Cancellation Management: Allow clients to easily cancel or reschedule appointments online.

2. Client Relationship Management (CRM)

- Client Profiles and Preferences: Track client details such as past services, preferences, and favourite products for personalized services.
- Client History Tracking: Maintain a record of past appointments, services rendered, and products purchased for each client.
- Client Feedback and Ratings: Allow clients to leave reviews and rate their experiences after services are completed.

3. Employee Management

- Shift and Attendance Management: Include features for managing employee work schedules, attendance tracking, and performance evaluations.
- Employee Performance Reports: Generate reports based on service demand, peak hours, and staff performance to aid in performance evaluations.

4. Inventory Management

- Product Tracking and Stock Monitoring: Track the usage of products and accessories used in the salon, with automatic updates on stock levels.

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- Low Stock Alerts: Notify management when product stock is running low to prevent shortages and ensure timely reordering.
- Supplier Notifications (Manual Ordering): Notify suppliers when stock levels are low, though orders are placed manually.
- No Online Catalogue from Suppliers: Orders are made through direct communication, not through an online product catalogue.

5. Reporting and Analytics

- Business Performance Reports: Generate reports on key metrics such as daily bookings, revenue, service popularity, customer trends, and peak hours.
- Inventory Usage Reports: Analyse product usage to help with inventory management and reordering.

6. Salon Website Management

- Online Service Catalogue and Pricing: Display a detailed list of salon services with pricing for clients to browse online (for client access).
- Admin Dashboard: Allow administrators to easily add, modify, or remove services, update the "About Us" and "Contact Us" sections, and manage invoices directly from the dashboard.

7. Miscellaneous

- Notifications for Staff and Clients: Provide real-time updates on appointments, stock levels, and service information.
- Customer Time Savings: The system should streamline operations to reduce client wait times and improve overall customer satisfaction.
- No Automated Supplier Orders: Suppliers will be notified of low stock, but orders will not be placed automatically.

2.4 Project Definition

The Salon Management System for 'Jawed Habib Salon' is mapped to provide proper management over the websites. Using this system, customer schedules their appointment online. The sight of providing the objectives of this website is to help salon streamline their operations and improve customer satisfaction by connecting users and salon online. The Web Application would use a database to store information regarding all products and customer information as well as other such details. The proposed system would help clients schedule and reschedule appointments, manage cancellations and services. They can also send notifications to keep customers and business updated. It saves users time by providing helpful tidbits and many more other features.

Chapter-3 System and Management Planning

3.1 Feasibility Study

- A feasibility study is a way to find out if a project or idea is likely to work before spending time and money on it. It looks at different factors to see if the project is a good idea.
- Here's a simple breakdown:
 - **Can We do it?** – Check if we have the right tools, technology, and skills to make it happen.
 - **Is it worth the money?** – Look at how much it will cost and if it will make enough profit.
 - **Are there legal issues?** – See if there are any rules or laws that could stop us.
 - **Can we manage it?** – Make sure we have the people and resources to handle the project.
 - **Is there a market for it?** – Check if people will actually want or need what we're offering.
 - **Can we finish on time?** – Figure out if we can complete the project within the schedule we have.
- It helps decide if the solution for the project is practical and can actually work.

3.1.1. Technical Study

- A **technical feasibility study** for the Salon Management System assesses whether it can be successfully built using available technology and resources.
- This study provides a report on whether the **necessary technology** and **resources** are available and suitable for the project's development.
- Additionally, the study evaluates the **technical skills** and **expertise** of the development team, checks if the existing technology can be used efficiently, and considers whether **maintenance** and **upgrades** will be easy for the chosen technology.

3.1.2 Economical Study

- The system will adopt a freeware approach, meaning no fees will be charged to customers for using it.
- The **Economic Feasibility study** evaluates both the costs and the anticipated benefits of the project.
- This involves a thorough assessment of all necessary expenses, including **hardware**, **software**, **design**, **development**, and on going **operational costs** required for the system's implementation.
- The analysis also examines whether the project will provide a positive financial impact for the organization by comparing costs with the projected long-term advantages.
- Since the system doesn't require any **additional hardware installations**, overall project costs are kept low.
- Therefore, it is evident that the system is **economically feasible** for the business.

3.1.3 Operational Study

- An Operational Feasibility Study assesses how well the proposed Salon Management System will function within the salon's existing operational framework.
- This study examines the operational processes currently in place, determining how the new system will integrate and enhance those workflows.
- It analyses the day-to-day operations of the salon, including appointment scheduling, inventory management, and customer interactions, to identify potential improvements.
- The study evaluates the staff's readiness to adapt to the new system, considering any necessary training and support to ensure smooth implementation.
- It also assesses whether the system will meet the salon's operational needs and if it can handle expected customer volume without disrupting existing services.
- By ensuring that the system aligns with operational goals and enhances efficiency, the study confirms that it is operationally feasible for the salon's current environment.

3.2 Hardware-Software requirements

▪ Hardware Requirements

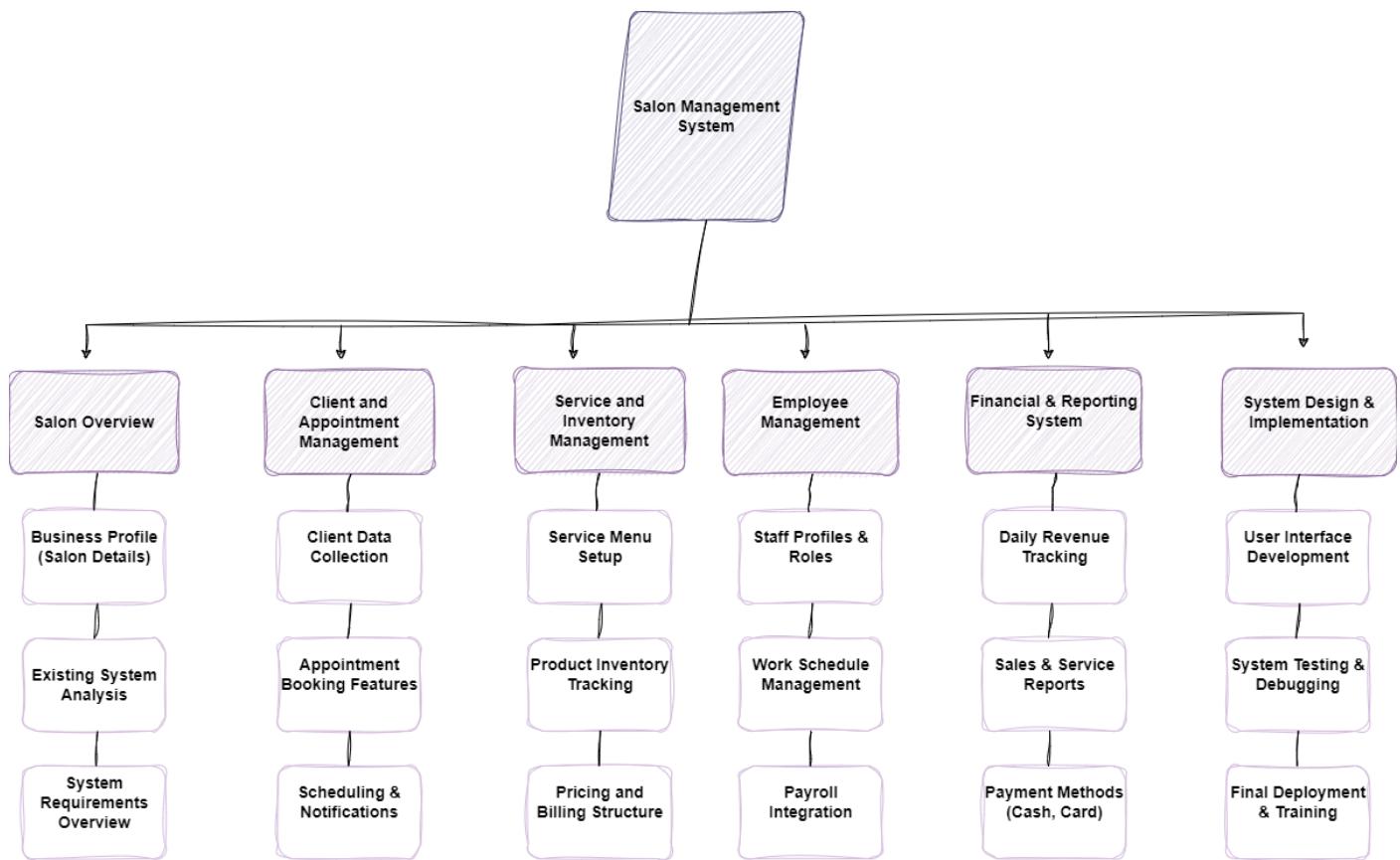
- Server-side Requirements
 - RAM: Minimum 8 GB of RAM (16 GB or more recommended for better performance).
 - Processor: Multi-core processor (e.g., Intel Xeon or equivalent) for handling multiple requests and operations.
 - Storage: SSD storage (at least 256 GB) for faster data access and retrieval.
- Client-side Requirements
 - RAM: Minimum 4 GB of RAM (8 GB recommended).
 - Processor: Dual-core processor or better.
 - Storage: 128 GB SSD or 256 GB HDD.
 - Operating System: Windows, macOS, or Linux (depending on the software compatibility).

▪ Software Requirements

- Frontend Framework: HTML, CSS, JavaScript for the user interface.
- Backend Framework: Java for server-side processing.
- Database: MySql

3.3 System Planning

3.3.1 Work Breakdown Structure



3.2.2 Gantt Chart

| Tasks | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar | April |
|--|-----|------|-----|-----|-----|-----|-----|-----|-------|
| Project Initiation and Salon Overview | | | | | | | | | |
| Document Salon's Organizational Structure | | | | | | | | | |
| Identify Existing Salon Operations and Services | | | | | | | | | |
| Analyze Existing Booking and Payment Processes | | | | | | | | | |
| Proposed System Features for Improved Management | | | | | | | | | |

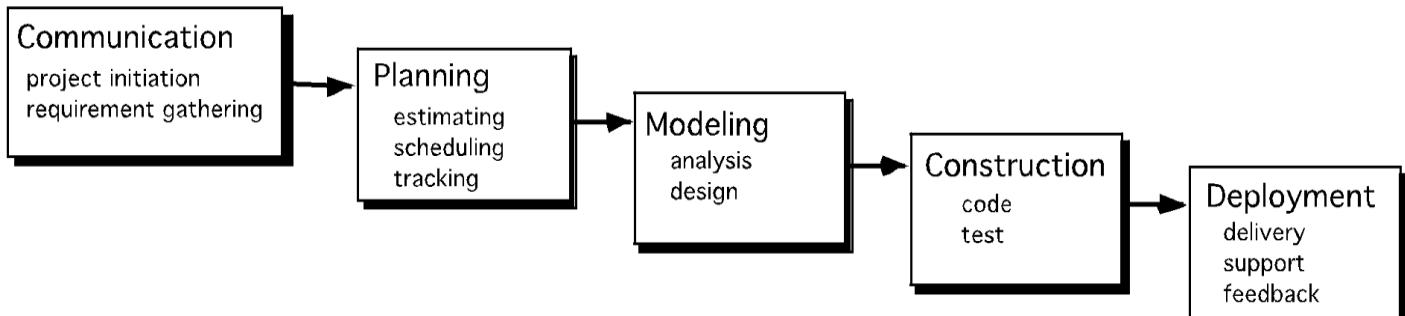
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| | | | | | | | | |
|--|--|--|--|--|--|--|--|--|
| Define System Scope | | | | | | | | |
| Set Key Objectives | | | | | | | | |
| Requirement Analysis for Salon Operations | | | | | | | | |
| Identify Key Stakeholders (Salon Owner, Staff, Clients) | | | | | | | | |
| Conduct Interviews with Staff for Functional Requirements | | | | | | | | |
| Consolidate Requirements | | | | | | | | |
| Define Non-Functional Requirements (Security, Performance, etc.) | | | | | | | | |
| Salon System Planning and Feasibility Study | | | | | | | | |
| Risk Assessment | | | | | | | | |
| Define Hardware and Software Needs for Salon Management | | | | | | | | |
| Develop Work Breakdown Structure (WBS) for Project Phases | | | | | | | | |
| System Design and Analysis | | | | | | | | |
| Design User Interface for Appointment Booking, Client Profiles | | | | | | | | |
| Design Workflow for Inventory Management and Staff Scheduling | | | | | | | | |
| Plan System Navigation for Smooth Salon Operations | | | | | | | | |
| Development | | | | | | | | |

| | | | | | | | | | |
|--------------------------------------|--|--|--|--|--|--|--|--|--|
| Testing and Quality Assurance | | | | | | | | | |
| Deployment and Maintenance | | | | | | | | | |

3.4 Process Model

- The Waterfall model is a linear and sequential process that follows well-defined stages, each of which must be completed before moving to the next.
- This Waterfall process model ensures a structured and methodical approach for developing the Salon Management System. By moving through each phase sequentially, it ensures thorough planning, well-defined development goals, and a solid final product. However, if requirements change mid-project, adjustments will be more difficult, so it is best used when requirements are clear and stable from the start.
- Linear ordering implies each phase should have some output.
- The output must be validated/certified.
- Conceptually simple, cleanly divides the problem into distinct independent phases.



- **The Waterfall Model**
 - This method suits our project because the requirements are fairly stable and won't change often.
- **Advantages:**
 - Clear Structure: Each phase (requirements, design, development, etc.) has a defined start and end, making it easy to track progress.
 - Simple to Understand: It's straightforward and easy to follow, especially for smaller teams or less complex projects.
 - Well-documented: Since each phase is completed before moving to the next, it leads to better documentation, which is useful for future updates.
 - Early Identification of Requirements: All requirements are gathered upfront, reducing the risk of major changes later on.
 - Easier to Manage: It's predictable and works well when client expectations are clear from the beginning.

■ **Disadvantages:**

- Inflexibility to Changes: Once a phase is completed, it's difficult to go back and make changes, which can be an issue if new requirements arise later.
 - Late Testing: Testing happens only after development is complete, which means errors or issues may not be discovered until late in the process.
 - High Risk: If any mistakes or misunderstandings occur during the requirement phase, they may only be noticed much later, leading to costly rework.
 - Delayed Feedback: Clients or users can only see the final product after the development is complete, so their feedback isn't incorporated early on.
 - Not Suitable for Complex or Evolving Projects: Waterfall works best when the project scope is clear and unlikely to change. For more dynamic or complex systems, more flexible models like Agile are better suited.
-
- We are overlooking the disadvantages of the Waterfall model for this project because the requirements are well-defined and unlikely to change.
 - Waterfall ensures clear documentation and a structured process, which suits the smaller team and simpler system structure. The project doesn't require continuous iterations, and the step-by-step approach allows better control and milestone-based client reviews.

Chapter-4 System Analysis and Planning

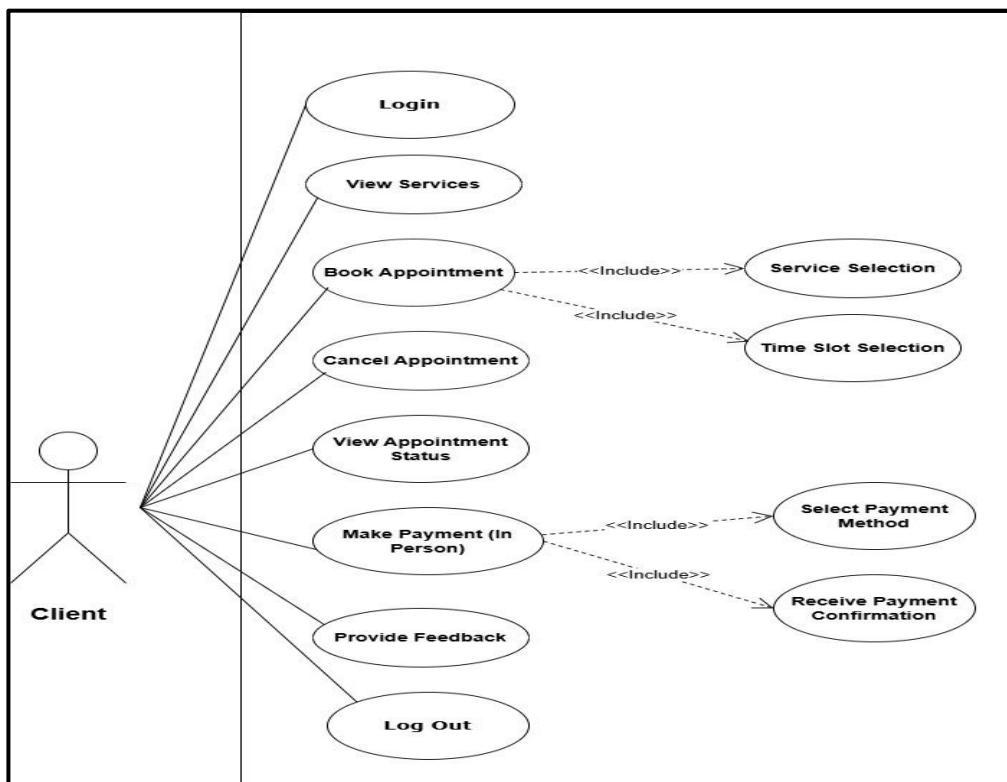
4.1 UML (Unified Modelling language)

4.1.1 Use-Case Diagram

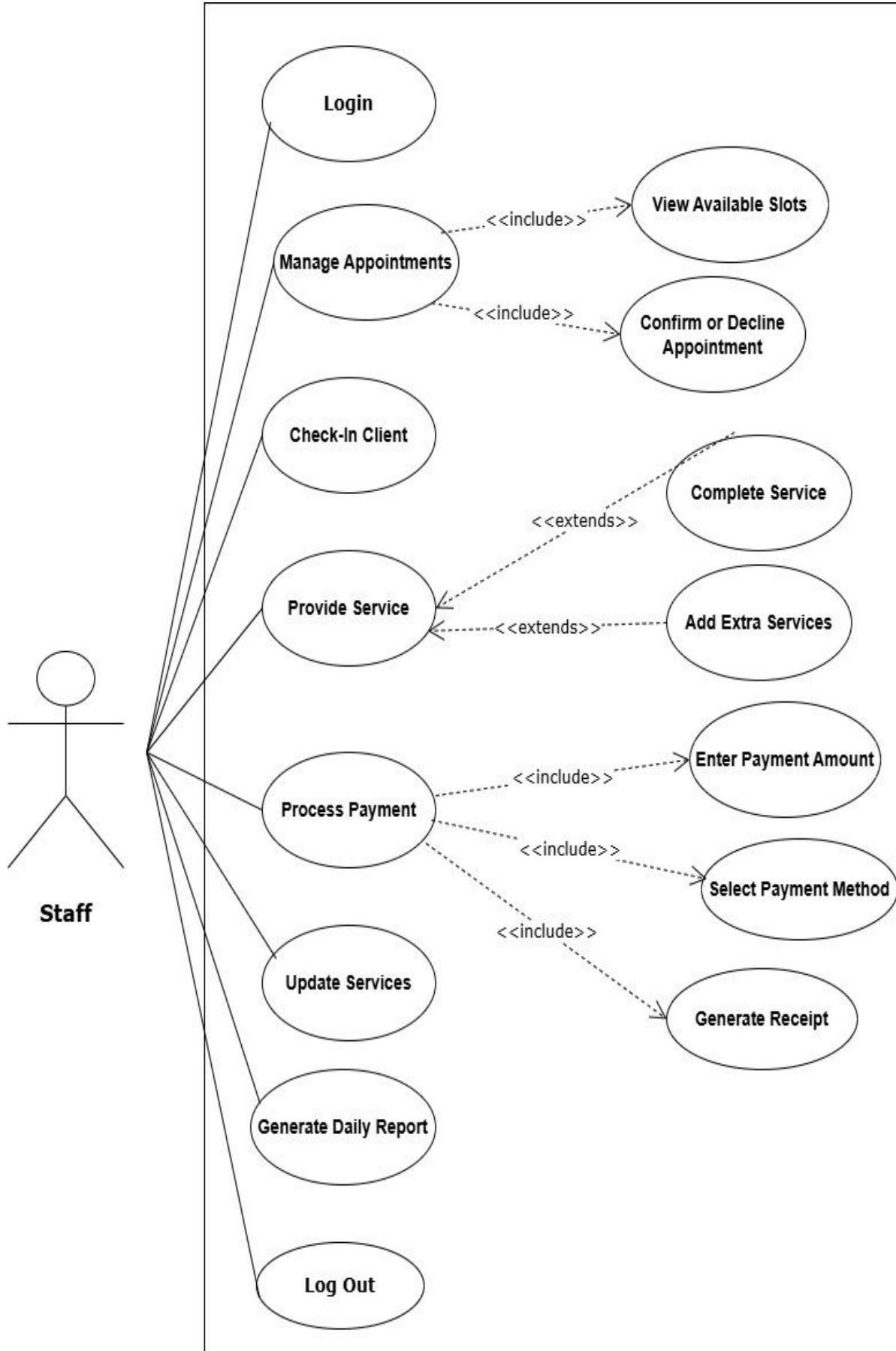
- A use case diagram is used to represent the specific behaviour of a system.
- Use case diagram describe the high-level function and scope of the system.

| Symbol | Reference Name |
|--------|----------------|
| | Actor |
| | Use case |
| | Relationship |

Client Use Case Diagram



- Staff Use Case Diagram

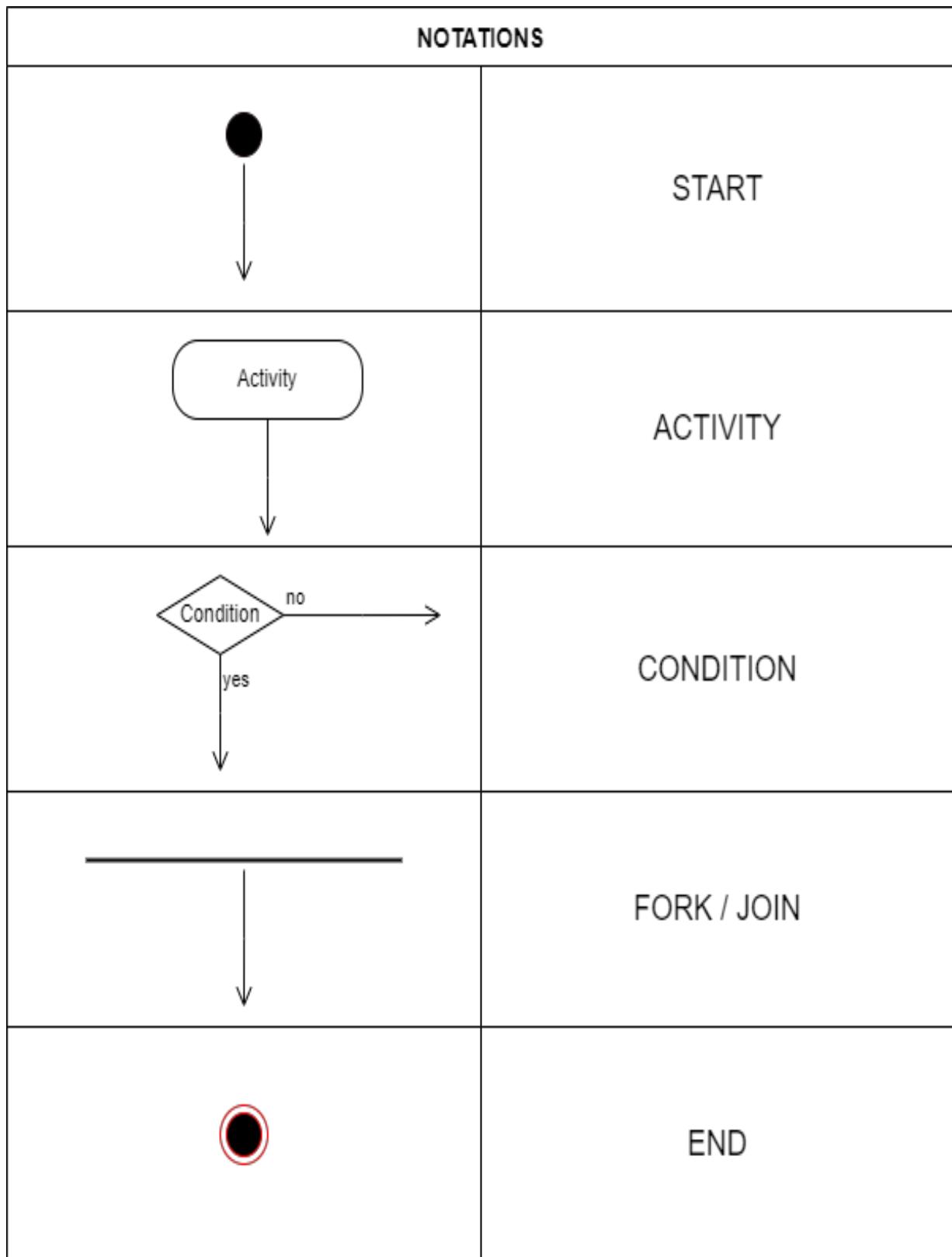


- Admin Use Case Diagram

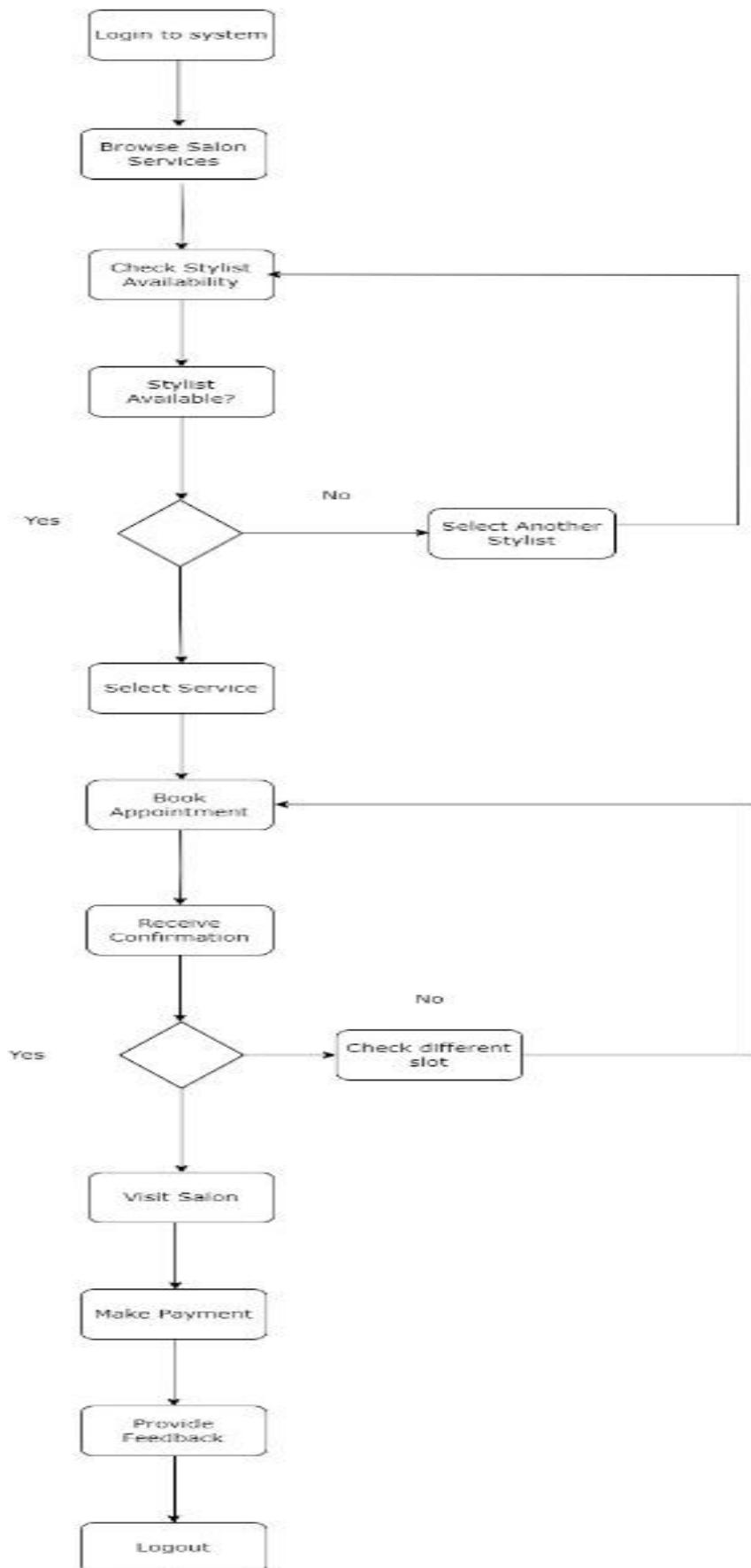


4.1.2 Activity Diagram

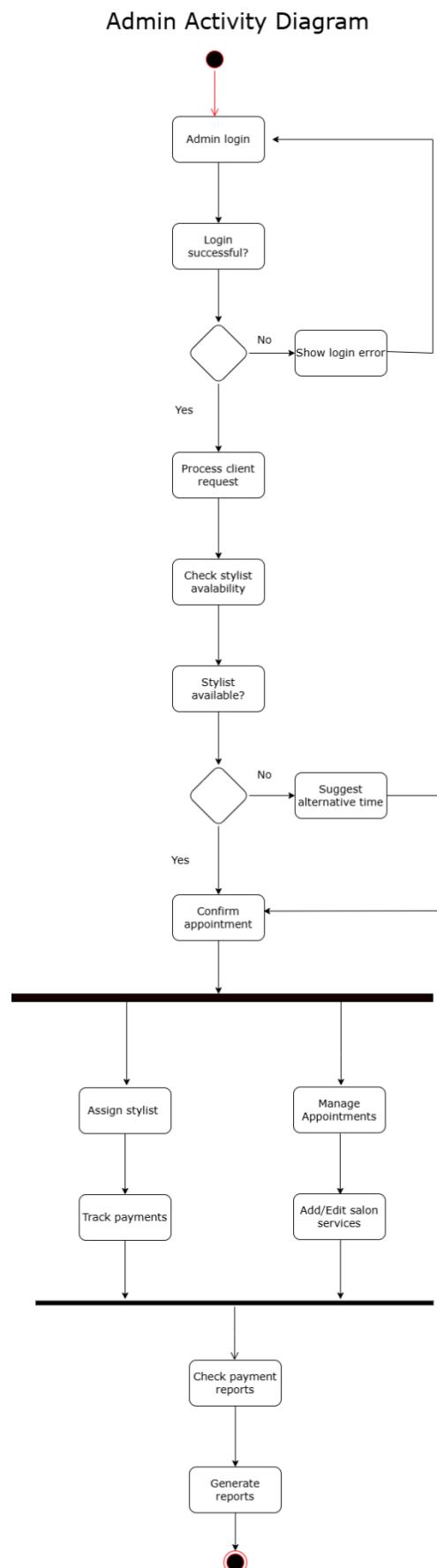
- An Activity Diagram is a visual representation of the workflow or processes within the salon system. It focuses on the sequence of activities, decisions, and flows between them.



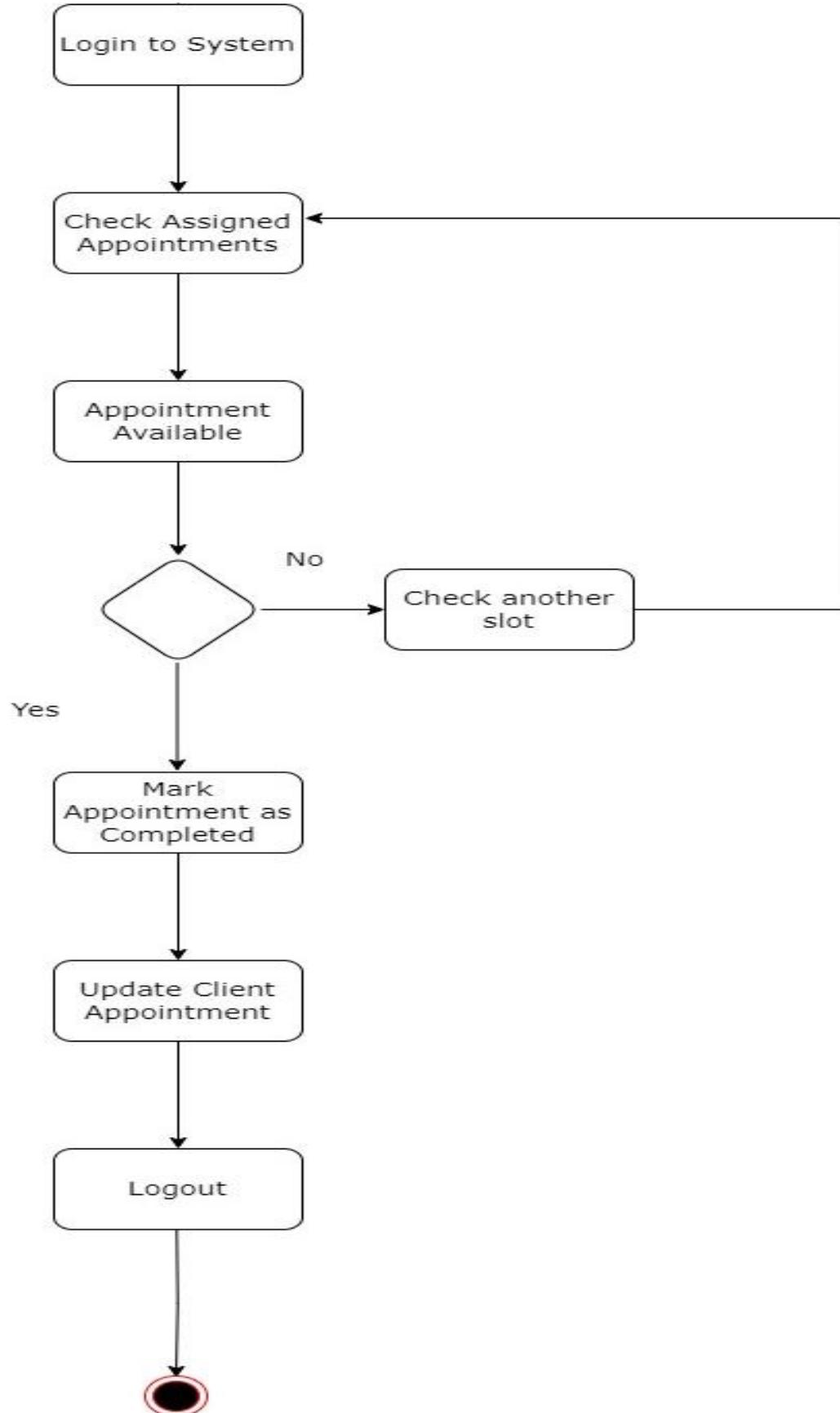
- Client Activity Diagram



- Admin Activity Diagram

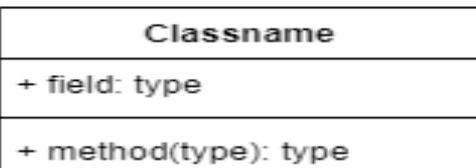


- Staff activity Diagram



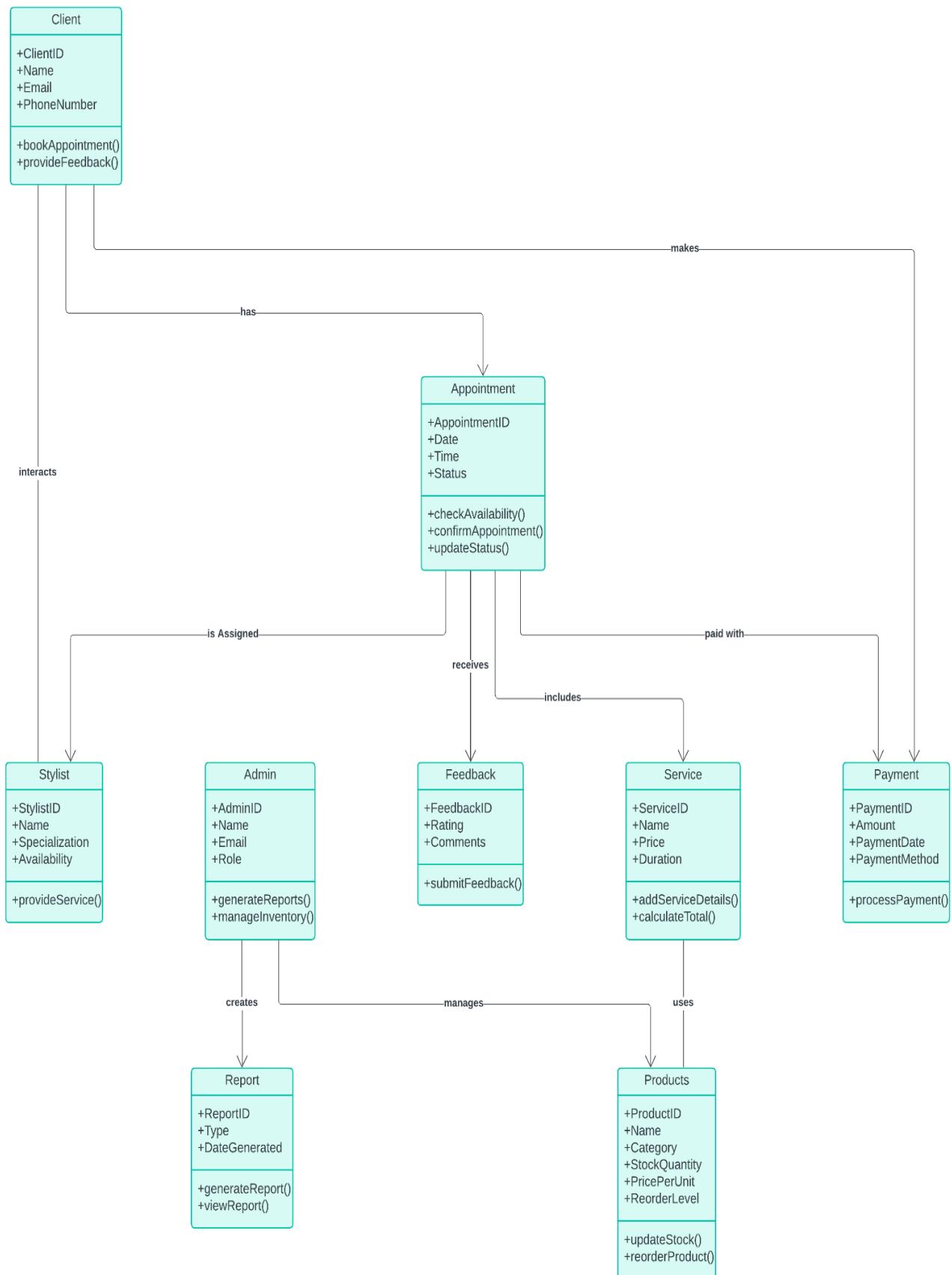
4.1.3 Class Diagram

- The class diagram provides a static view of the system's structure, showing how objects (like Clients, Stylists, Appointments, Payments) are related and interact with each other in terms of attributes and methods.

| NOTATION | |
|---|-------------|
|  | CLASS |
|  | COMPOSITION |
|  | AGGREGATION |
|  | INHERITANCE |
| 0 1 0..1 0..* 1..* | RELATIONS |

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- Class Diagram

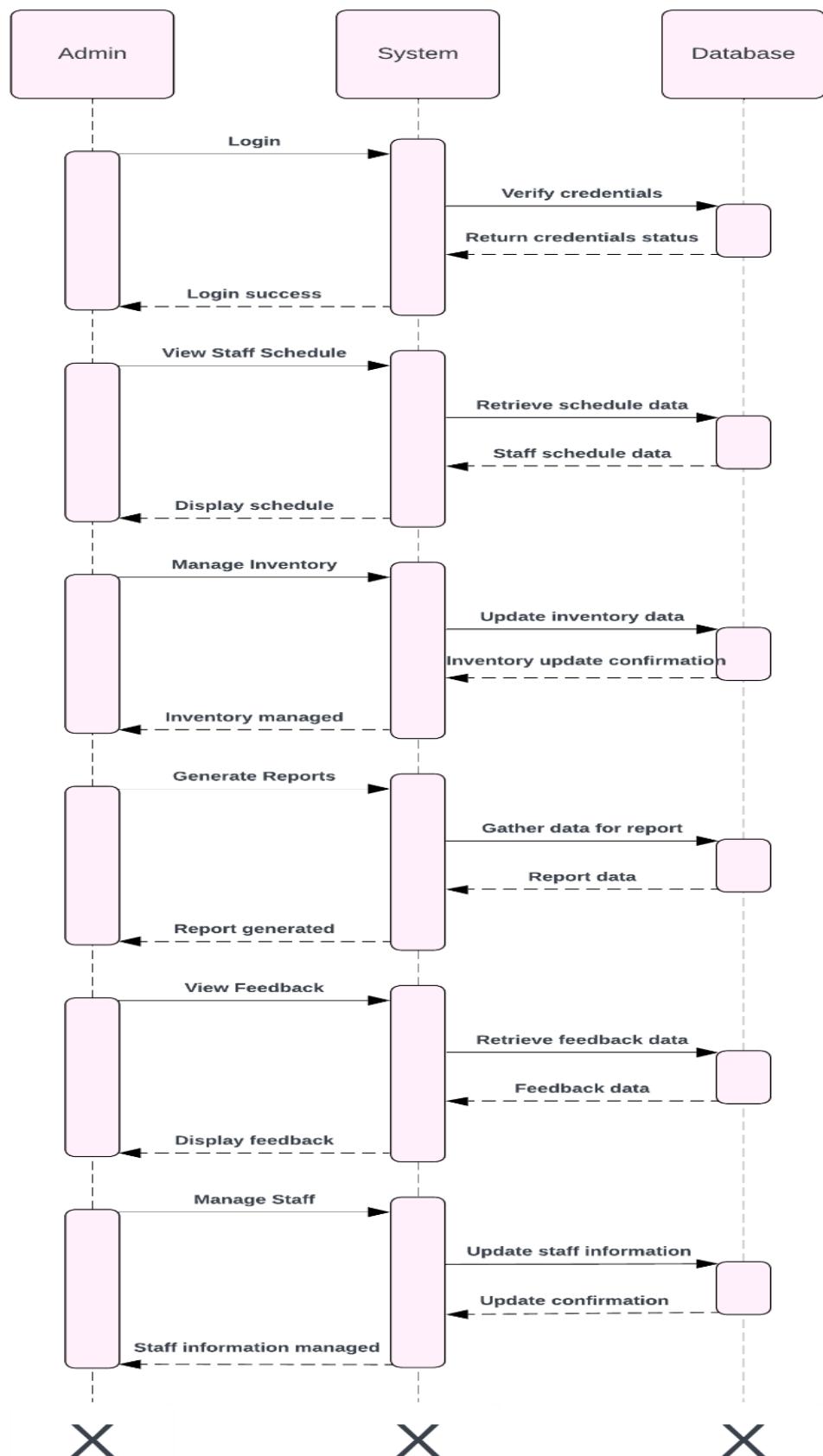


4.1.4 Sequence Diagram

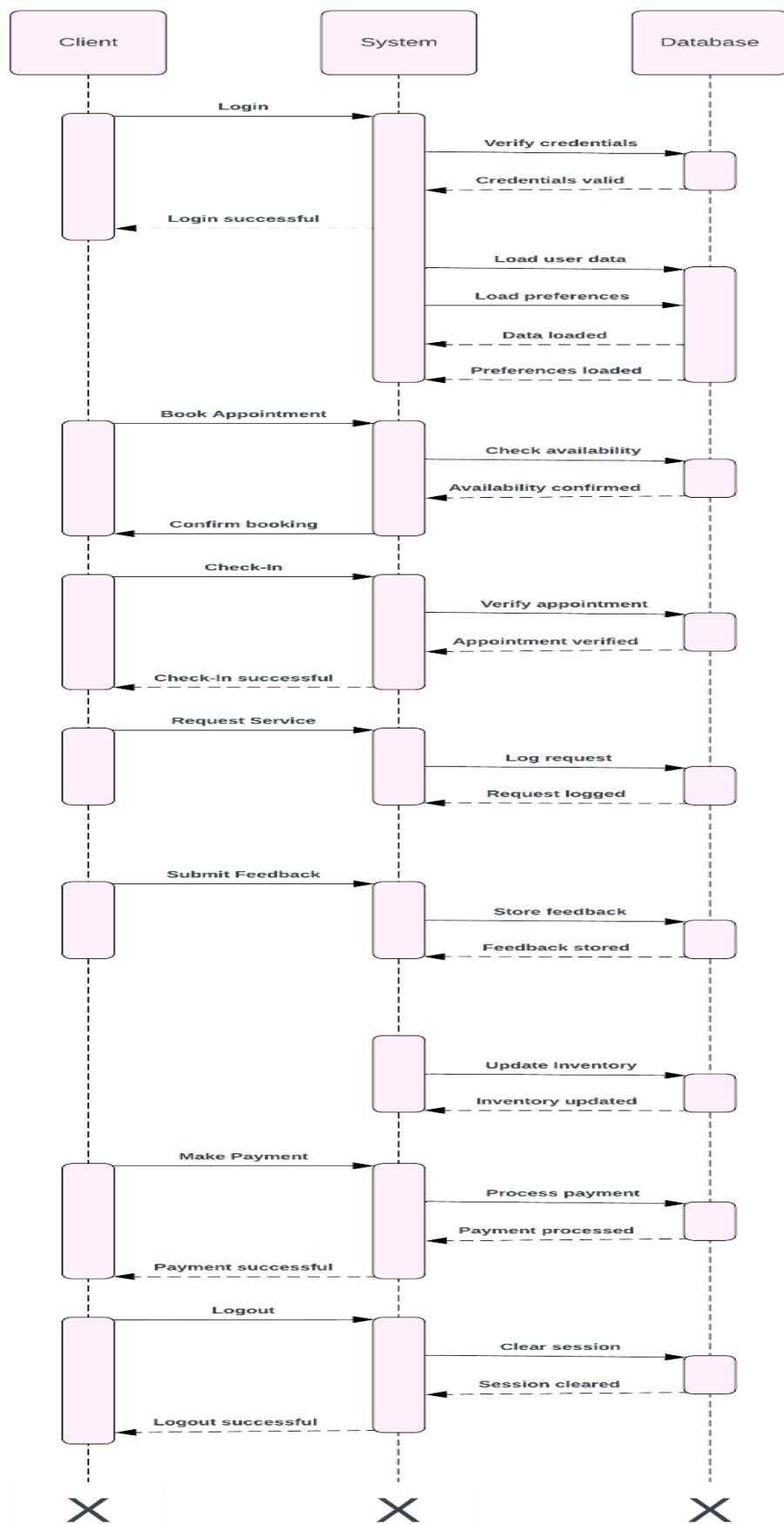
- Sequence diagrams illustrate the dynamic flow of interactions between objects over time. It describes how the system behaves during specific processes.

| NOTATION | |
|----------|-----------------|
| | ACTOR |
| | LIFELINE |
| | REQUEST |
| | RESPONSE |
| | ACTIVATION TIME |
| | OBJECT |
| | DESTRUCTION |

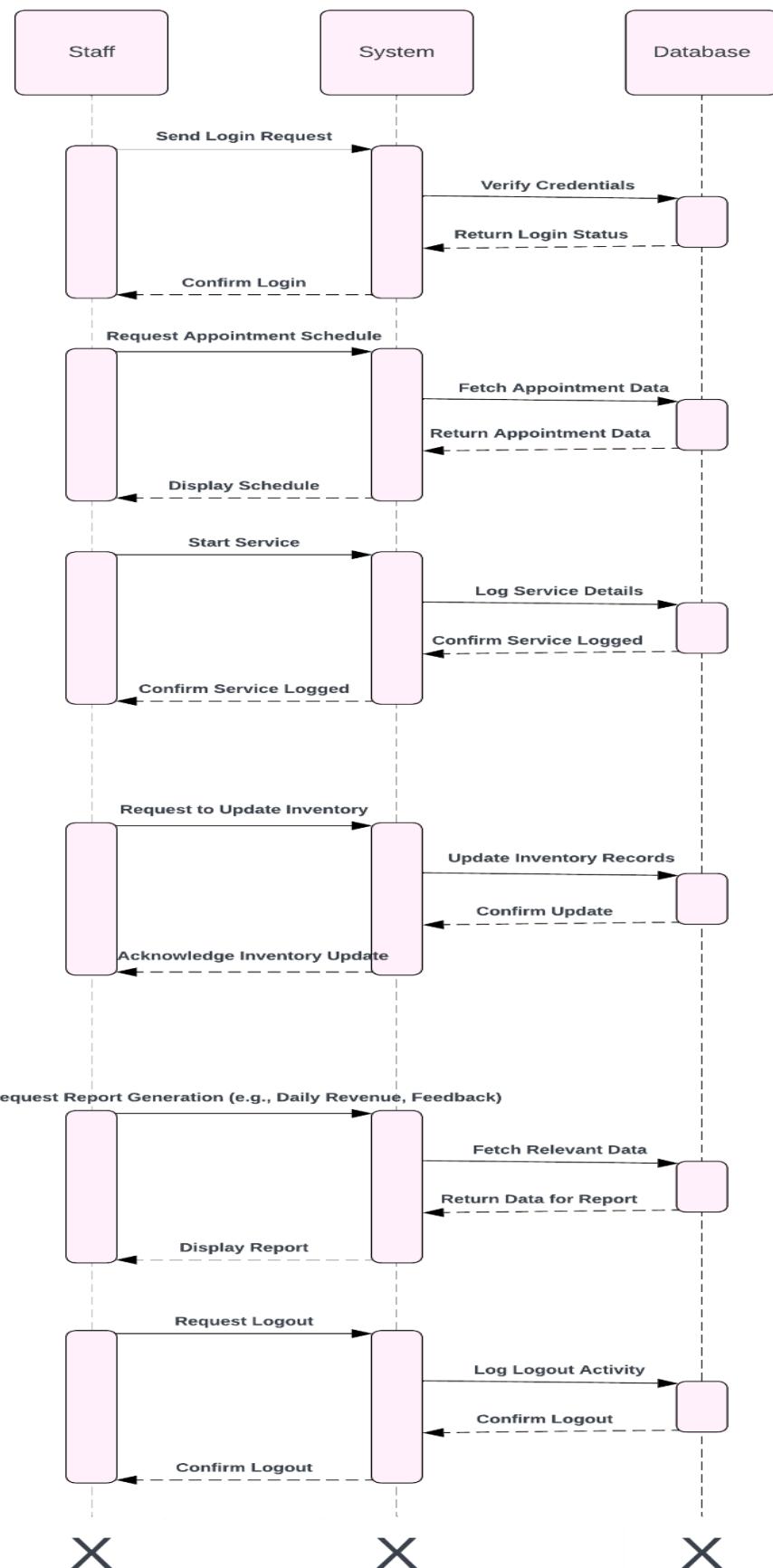
- Admin Sequence Diagram



- Client Sequence Diagram

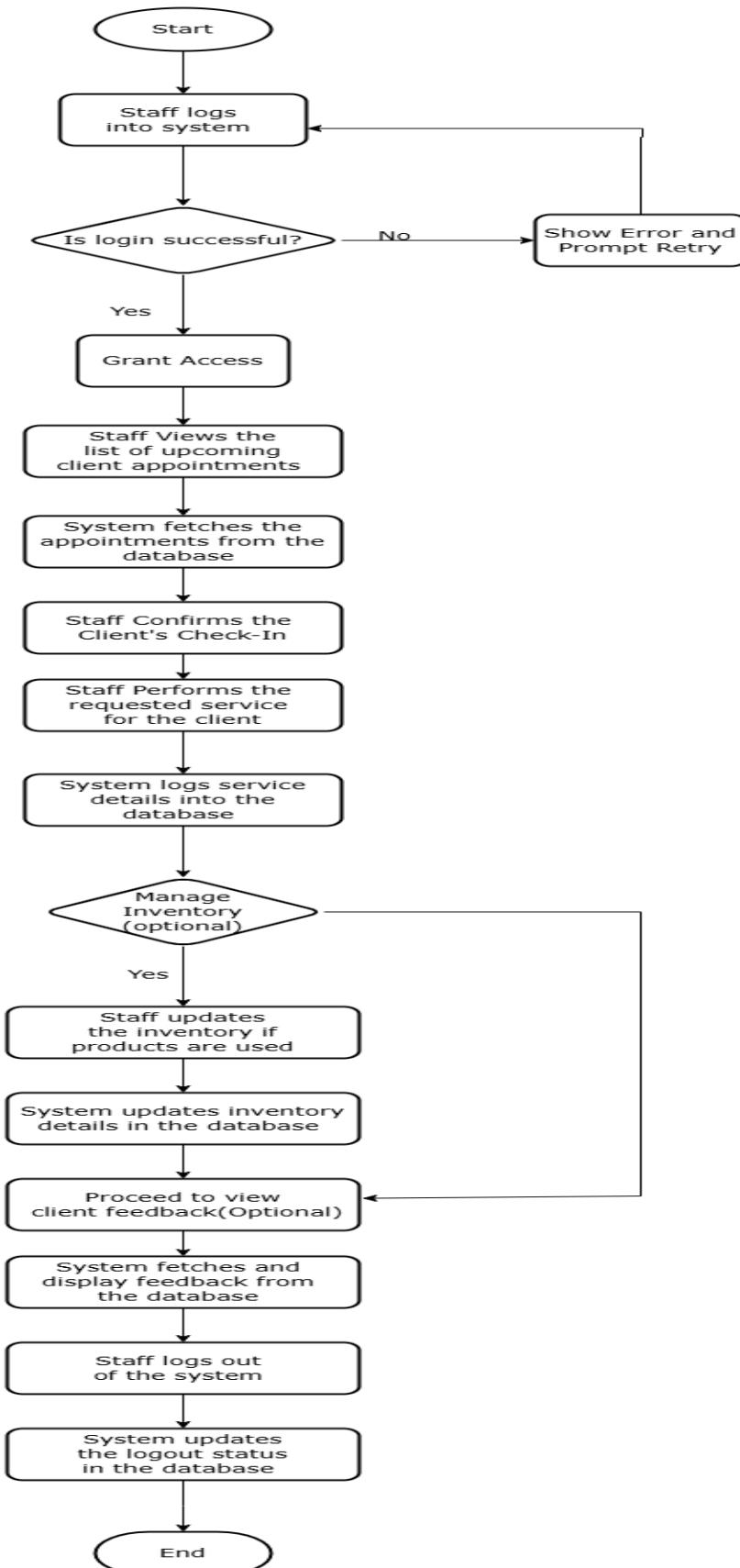


- Staff Sequence Diagram



4.2 System Flow Diagram

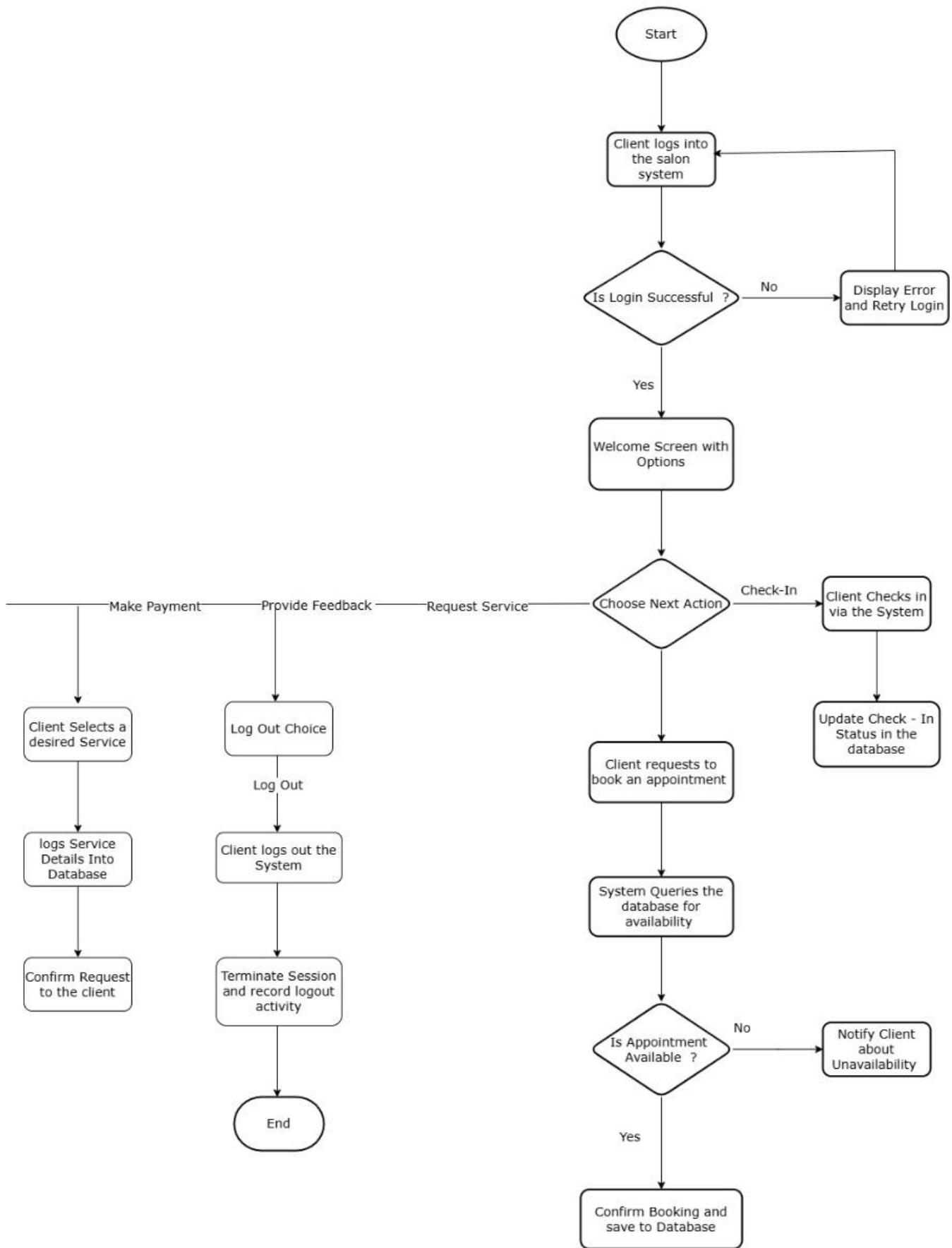
- Staff System Flow Diagram



- Admin System Flow Diagram



- Client System Flow Diagram



4.3 Data Dictionary

Business_hours

| Attribute | Data Type | Size | Description |
|------------|-----------|------|--|
| id | Integer | 11 | Unique ID for each business hour entry (Primary Key) |
| day | Varchar | 10 | Day of the week (e.g., Monday, Tuesday) |
| open_time | Time | — | Business opening time |
| close_time | Time | — | Business closing time |
| is_closed | Tinyint | 1 | Indicates if the business is closed (1 = closed, 0 = open) |

Customers

| Attribute | Data Type | Size | Description |
|--------------|-----------|------|---|
| customer_id | Integer | 11 | Unique ID for each customer (Primary Key) |
| user_id | Integer | 11 | Foreign key linking to user details |
| total_spent | Decimal | 10,2 | Total amount the customer has spent |
| total_visits | Integer | 11 | Number of times the customer has visited |

Services

| Attribute | Data Type | Size | Description |
|-------------|-----------|------|--|
| service_id | Integer | 11 | Unique ID for each service (Primary Key) |
| name | Varchar | 100 | Name of the service |
| category_id | Integer | 11 | ID of the category the service belongs to |
| description | Text | — | Detailed description of the service |
| duration | Integer | 11 | Duration of the service (in minutes, assumed) |
| price | Decimal | 10,2 | Price of the service |
| created_at | Timestamp | — | Timestamp when the service record was created |
| status | Varchar | 20 | Status of the service (e.g., 'active', 'inactive') |

Service_Category

| Attribute | Data Type | Size | Description |
|---------------|-----------|------|---|
| category_id | Integer | 11 | Unique ID for each category (Primary Key) |
| category_name | Varchar | 100 | Name of the service category |

Product_Category

| Attribute | Data Type | Size | Description |
|------------|-----------|------|---|
| CategoryId | Integer | 11 | Unique identifier for each category (Primary Key) |

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| | | | |
|--------------|---------|----|---|
| CategoryName | Varchar | 50 | Name of the category (Alternate/Composite Key) |
| Description | Text | — | Description of the category (optional) |

Staff

| Attribute | Data Type | Size | Description |
|-------------|-----------|------|--|
| staff_id | int | 11 | Unique identifier for staff (Primary Key, Auto Increment) |
| first_name | varchar | 100 | Staff member's first name |
| last_name | varchar | 100 | Staff member's last name |
| role | varchar | 100 | Designation or role of the staff member (e.g., stylist, admin) |
| specialties | text | — | Description of areas of expertise |
| experience | int | 11 | Years of experience |
| created_at | timestamp | — | Record creation timestamp (defaults to current time) |
| phone | varchar | 15 | Staff member's contact phone number |
| email | varchar | 255 | Staff member's email address |
| image_url | varchar | 255 | URL to the staff member's profile image |

Users

| Attribute | Data Type | Size | Description |
|------------|-----------|---|---|
| user_id | Integer | 11 | Unique identifier for each user (Primary Key, Auto Increment) |
| first_name | Varchar | 100 | First name of the user |
| last_name | Varchar | 100 | Last name of the user |
| email | Varchar | 255 | Email address of the user (likely unique) |
| phone | Varchar | 50 | Phone number of the user |
| password | Varchar | 255 | Encrypted password for login |
| user_type | Enum | 'admin', 'customer', 'walk-in-customer' | Type of user role |
| status | Varchar | 50 | Account status (e.g., active, inactive) |
| created_at | Timestamp | — | Timestamp of when the user record was created |
| gender | Enum | 'male', 'female', 'other' | Gender of the user |

Salon_info

| Attribute | Data Type | Size | Description |
|-------------|-----------|------|--|
| id | Integer | 11 | Unique identifier for each salon (Primary Key) |
| salon_name | Varchar | 255 | Name of the salon |
| branch_name | Varchar | 255 | Name of the salon branch |
| address | Text | — | Physical address of the salon |
| phone | Varchar | 15 | Contact phone number for the salon |
| email | Varchar | 255 | Email address for the salon |
| updated_at | Timestamp | — | Timestamp of the last update (auto-updated) |

Contact_Messages

| Attribute | Data Type | Size | Description |
|------------|-----------|------|--|
| message_id | Integer | 11 | Unique identifier for each message (Primary Key, Auto Increment) |
| name | Varchar | 100 | Name of the person sending the message |
| email | Varchar | 100 | Email address of the sender |
| phone | Varchar | 15 | Phone number of the sender |
| message | Text | — | Message content sent by the user |
| created_at | Timestamp | — | Time when the message was submitted |

Appointment_Services

| Attribute | Data Type | Size | Description |
|----------------|-----------|------|---|
| appointment_id | Integer | 11 | ID of the appointment (Primary Key, likely a Foreign Key) |
| service_id | Integer | 11 | ID of the service linked to the appointment (Foreign Key) |

Notification_Settings

| Attribute | Data Type | Size | Description |
|---------------------|-----------|------|---|
| Id | Integer | 11 | Unique identifier for the notification settings (Primary Key, Auto Increment) |
| email_notifications | TinyInt | 1 | Flag for enabling/disabling email notifications (1 = enabled, 0 = disabled) |
| sms_notifications | TinyInt | 1 | Flag for enabling/disabling SMS notifications (1 = enabled, 0 = disabled) |
| reminder_time | Integer | 11 | Time (in minutes or another unit) before the event to send a reminder |

Available_Slots

| Attribute | Data Type | Size | Description |
|------------------|-----------|------|--|
| slot_id | Integer | 11 | Unique identifier for each time slot (Primary Key, Auto Increment) |
| staff_id | Integer | 11 | ID of the staff member assigned to the slot (Foreign Key) |
| appointment_date | Date | — | Date of the appointment |
| time_slot | Time | — | Specific time of the slot |
| Status | Enum | N/A | Current status of the slot (available, booked, completed) |

inventory

| Attribute | Data Type | Size | Description |
|---------------|-----------|------|--|
| ProductID | int | 11 | Unique identifier for each product (Primary Key, Auto Increment) |
| ProductName | varchar | 255 | Name of the product |
| StockQuantity | int | 11 | Quantity of product in stock |

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| | | | |
|--------------|----------|--------|--|
| PricePerUnit | decimal | (10,2) | Price of a single unit of the product |
| ReorderLevel | int | 11 | Stock level at which a reorder should be placed |
| LastUpdated | datetime | — | Timestamp for when the product was last updated |
| Brand | varchar | 255 | Brand of the product (nullable) |
| Supplier | varchar | 255 | Supplier of the product (nullable) |
| ExpiryDate | date | — | Expiration date (if applicable; nullable) |
| Description | text | — | Description of the product (nullable) |
| CategoryId | int | 11 | Foreign key referencing the category this product belongs to |

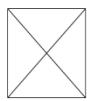
ActivityLog

| Attribute | Data Type | Size | Description |
|-------------|-----------|------|--|
| activity_id | int | 11 | Unique identifier for the activity (Primary Key, Auto Increment) |
| user_id | int | 11 | ID of the user who performed the action (Foreign Key) |
| action | varchar | 255 | Description of the action performed |
| timestamp | timestamp | — | Time when the activity occurred (Default: current timestamp) |
| details | text | — | Additional information about the action (Nullable) |

4.4 User Interface

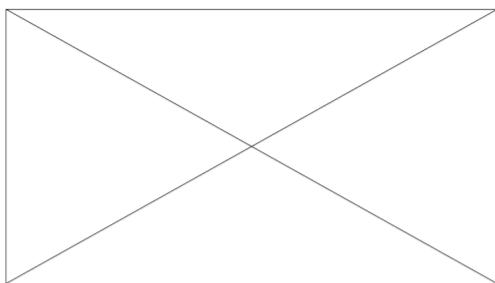
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Why us Testimonials Contact

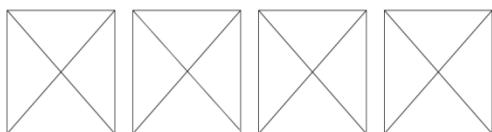


Sign in /Register

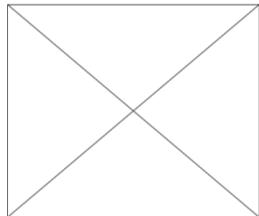
Home Services Packages Portfolio Membership Booking About Us Contact Us



Services



Why Choose Us ?



Testimonial



Call Us

Address

Opening Hours

Email



Login/Registration

Sign in

Email*

Password*

 Show

[Forgot Password ?](#)

Sign in

Haven't Registered yet ?

[Register Here](#)

Sign Up

Name*

Email*

Phone No.*

Password*

Confirm Password*

Membership Type

1. Basic

2. Premium

T & C

Agree

Register

Service Page

Header

Skin >
Hair >
Makeup >
Hands & Feet >
Services - Men >
Services - Women >

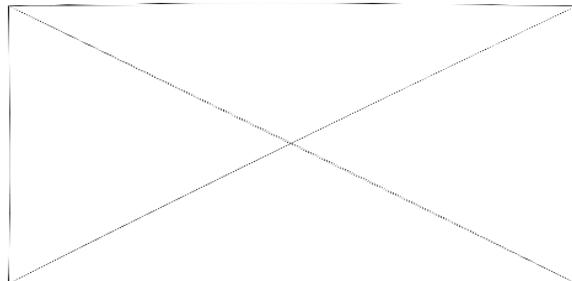
Service Name

v Description
> Price
> Duration

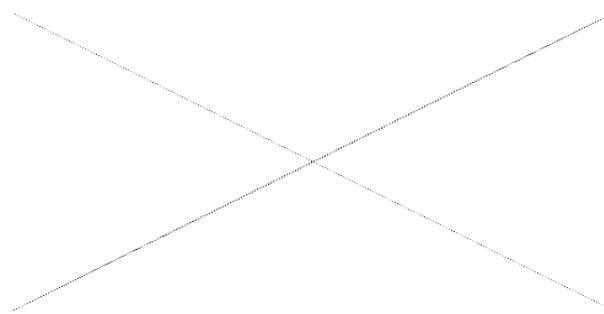
Book Now

Our Services

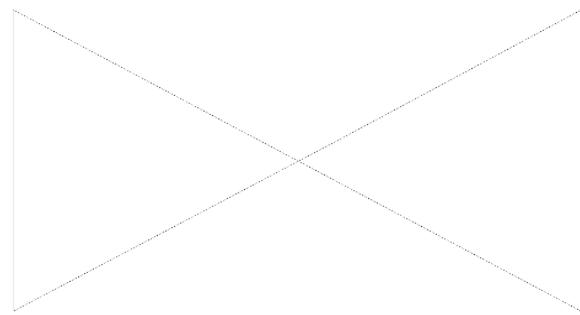
Description



Description



Description



Appointment Page

FirstName

LastName

Phone No.

Date

Address

Service/Package Selection

Preferred Time

Book

Contact Us Page

Contact us

Name

Email

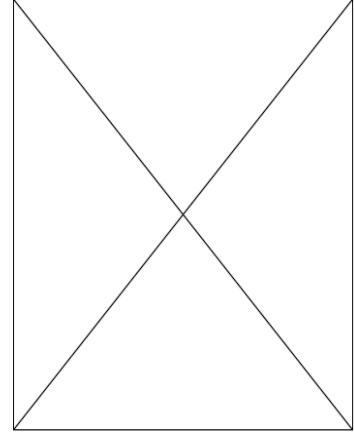
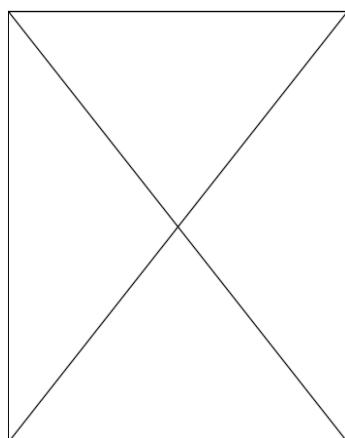
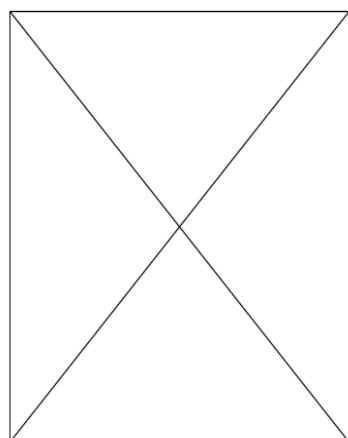
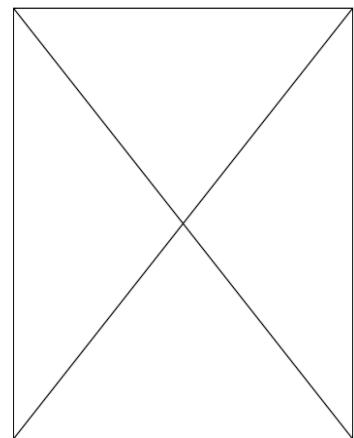
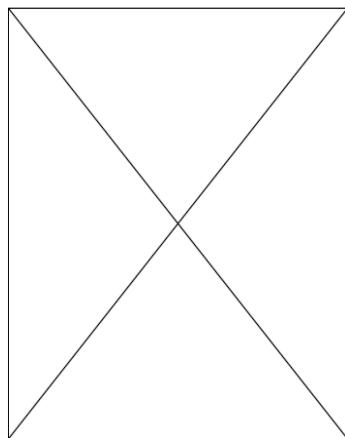
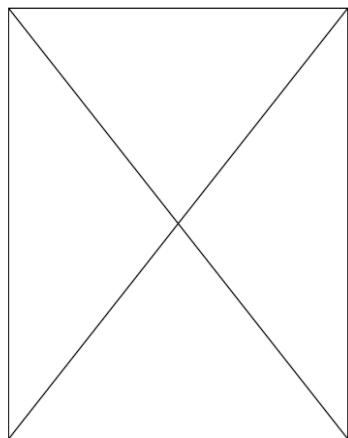
Phone No.

Subject

Message

Submit

Portfolio Page



Feedback Page

Feedback 

Name

Email

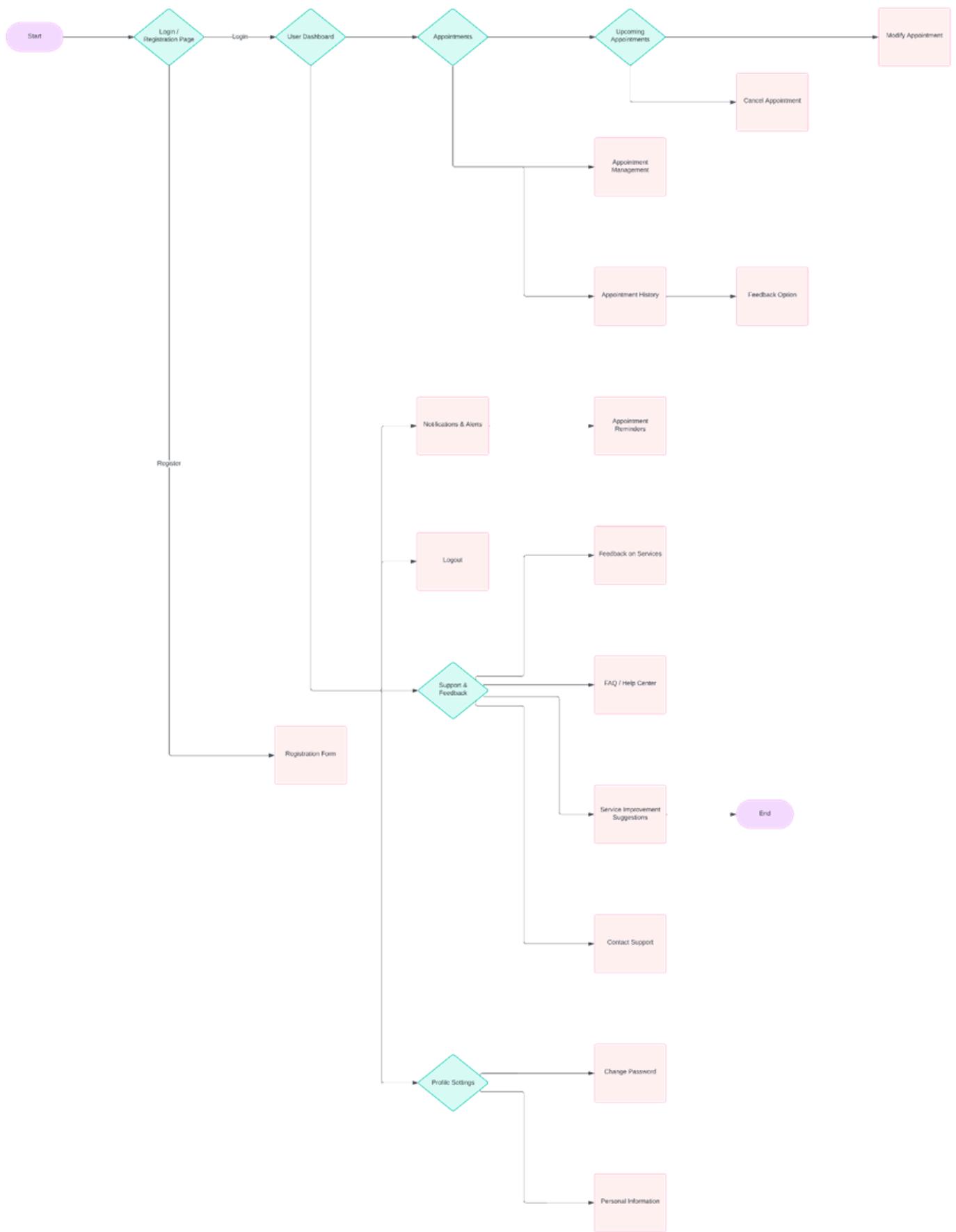
Feedback Message

Rating



Submit

4.5 System Navigation Diagram



Chapter - 5 Input/Output Design

The screenshot shows the homepage of the Jawed Habib Hair & Beauty website. At the top, there is a navigation bar with links for Services, Our Team, About Us, Contact, Login, Register, and a prominent yellow 'BOOK NOW' button. The main banner features a woman getting her hair styled, with the text 'Premium Hair & Beauty Experience'. Below the banner, a sub-headline reads 'Book your appointment with our expert stylists at Jawed Habib Vallabh Vidyanagar'. There are two buttons: 'Book Appointment' and 'View Services'. The footer has a similar layout with the 'JH Jawed Habib' logo, 'Vallabh Vidyanagar' text, and the same set of navigation links.

Create Your Account

Join Jawed Habib for a premium salon experience

Register as

Customer Admin

First Name

Enter first name

Last Name

Enter last name

Email Address

Enter your email

Phone Number

Enter your phone number

Password

Create a password

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localhost:8081/SalonManage/register.jsp

Jawed Habib
Vallabh Vidyanagar

Services Our Team About Us Contact BOOK NOW

Create Your Account

Join Jawed Habib for a premium salon experience

Register as
 Customer Admin

First Name Last Name

Email Address

Phone Number

Password

Enter first name Enter last name

Email Address

Phone Number

Password

Confirm Password

I agree to the [Terms of Service](#) and [Privacy Policy](#)

Create Account

Already have an account? [Sign In](#)

Snipping Tool
Screenshot copied to clipboard
Automatically saved to screenshots folder.
Mark-up and share

Create Your Account

Join Jawed Habib for a premium salon experience

Register as

Customer Admin

First Name

Last Name

Email Address

Phone Number

Password

Confirm Password

I agree to the [Terms of Service](#) and [Privacy Policy](#)

Already have an account? [Sign In](#)

Jawed Habib

Vallabh Vidyanagar's premier hair and beauty destination offering exceptional salon services.

Quick Links

- [Services](#)
- [Our Team](#)
- [About Us](#)
- [Contact](#)
- [Book Appointment](#)

Services

- Hair Styling
- Hair Coloring
- Hair Treatments
- Beauty Services
- Spa & Wellness

Contact Info

- Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat – 388120
- 8905535055
- vallabhvidyanagar@jawedhabib.co.in

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Services Our Team About Us Contact → Login

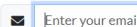
Register

BOOK NOW

Welcome Back

Sign in to your account

Email Address



Enter your email

Password



Enter your password



Remember me

[Forgot password?](#)

Login as

Customer Admin

Sign In

Don't have an account? [Sign Up](#)



Services Our Team About Us Contact → Login

Register

BOOK NOW

Remember me

[Forgot password?](#)

Login as

Customer Admin

Sign In

Don't have an account? [Sign Up](#)

Jawed Habib

Vallabh Vidyanagar's premier hair and beauty destination offering exceptional salon services.



Quick Links

Services
Our Team
About Us
Contact
Book Appointment

Services

Hair Styling
Hair Coloring
Hair Treatments
Beauty Services
Spa & Wellness

Contact Info

📍 Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat – 388120
📞 8905535055
✉️ vallabhvidyanagar@jawedhabib.co.in

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Services Our Team About Us Contact [Login](#) [Register](#) [BOOK NOW](#)

Welcome Back

Sign in to your account

Email Address

Password

Remember me [Forgot password?](#)

Login as

Customer Admin

[Sign In](#)

Don't have an account? [Sign Up](#)

Jawed Habib

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Quick Links

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Services

[Hair Styling](#)
[Hair Coloring](#)
[Hair Treatments](#)
[Beauty Services](#)
[Spa & Wellness](#)

Contact Info

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat - 388120
 8905535055
 vallabhvidyanagar@jawedhabib.co.in

Book Your Appointment

Schedule your visit to Jawed Habib Hair & Beauty Salon in just a few steps

- 1** Services
- 2** Staff & Time
- 3** Your Details
- 4** Confirmation

Select Services

Search for services...

Hair Care

| | | | |
|--|-----------------|--|-----------------|
| <input type="checkbox"/> Haircut Professional haircut service 30 min | ₹550.00 | <input type="checkbox"/> Hair Coloring Full hair coloring service 90 min | ₹1500.00 |
| <input type="checkbox"/> Keratin Treatment(above shoulder) a hair smoothing service that utilizes protein to reduce frizz, improve shine, and make hair more manageable. 240 min | ₹5000.00 | | |

Skin Care

| | |
|--|-----------------|
| <input type="checkbox"/> Facial Relaxing facial treatment 60 min | ₹1200.00 |
|--|-----------------|

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[Services](#) [Our Team](#) [About Us](#) [Contact](#) [Profile](#) [Welcome, nimit](#)[Logout](#)[BOOK NOW](#)

| | | | |
|---|---------|--|---------|
| <input type="checkbox"/> Manicure Classic manicure service 40 min | ₹600.00 | <input type="checkbox"/> Pedicure Relaxing pedicure service 50 min | ₹700.00 |
|---|---------|--|---------|

Massage Therapy

| | | | |
|---|----------|---|----------|
| <input type="checkbox"/> Swedish Massage Full-body Swedish massage 90 min | ₹2000.00 | <input type="checkbox"/> Deep Tissue Massage Deep tissue therapy 60 min | ₹2200.00 |
|---|----------|---|----------|

Makeup Services

| | | | |
|---|----------|--|----------|
| <input type="checkbox"/> Bridal Makeup Bridal makeup for weddings 120 min | ₹5000.00 | <input type="checkbox"/> Party Makeup Party makeup for special events 60 min | ₹3000.00 |
|---|----------|--|----------|

Hair Color

Nail Services

| | |
|--|---------|
| <input type="checkbox"/> Gel Paint Highly pigmented, non-runny gel paint- perfect for detailed nail art 30 min | ₹600.00 |
|--|---------|

Selected Services

i No services selected yet. Please select at least one service to continue.

[Cancel](#)[Next: Choose Staff & Time](#)[Services](#) [Our Team](#) [About Us](#) [Contact](#) [Profile](#) [Welcome, nimit](#)[Logout](#)[BOOK NOW](#)

Massage Therapy

| | | | |
|---|----------|---|----------|
| <input type="checkbox"/> Swedish Massage Full-body Swedish massage 90 min | ₹2000.00 | <input type="checkbox"/> Deep Tissue Massage Deep tissue therapy 60 min | ₹2200.00 |
|---|----------|---|----------|

Makeup Services

| | | | |
|--|----------|--|----------|
| <input checked="" type="checkbox"/> Bridal Makeup Bridal makeup for weddings 120 min | ₹5000.00 | <input type="checkbox"/> Party Makeup Party makeup for special events 60 min | ₹3000.00 |
|--|----------|--|----------|

Hair Color

Nail Services

| | |
|--|---------|
| <input type="checkbox"/> Gel Paint Highly pigmented, non-runny gel paint- perfect for detailed nail art 30 min | ₹600.00 |
|--|---------|

Selected Services

Bridal Makeup
120 min ₹5000.00

[Cancel](#)[Next: Choose Staff & Time](#)

Book Your Appointment

Schedule your visit to Jawed Habib Hair & Beauty Salon in just a few steps

1 Services

2 Staff & Time

3 Your Details

4 Confirmation

Select Staff & Time

Choose a Stylist

Select Date

Select Time

i Please select a date and stylist to view available time slots.

[Back: Services](#)

[Next: Your Details](#)

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Services Our Team About Us Contact Profile Welcome, nimit [Logout](#) [BOOK NOW](#)

Book Your Appointment

Schedule your visit to Jawed Habib Hair & Beauty Salon in just a few steps

Select Staff & Time

Choose a Stylist
Raj Patel (Hair Treatments like Keratin, Hair extensions and Haircuts)

Select Date
01-05-2025

Select Time
4:30 PM 5:00 PM 5:30 PM 6:00 PM

[Back: Services](#) [Next: Your Details](#)

1 Services
2 Staff & Time
3 Your Details
4 Confirmation

Jawed Habib

Vallabh Vidyanagar's premier hair and beauty destination offering exceptional salon services.



Quick Links

- [Services](#)
- [Our Team](#)
- [About Us](#)
- [Contact](#)

Services

- [Hair Styling](#)
- [Hair Coloring](#)
- [Hair Treatments](#)
- [Beauty Services](#)

Contact Info

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat – 388120
8905535055

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[Logout](#)

[BOOK NOW](#)

Book Your Appointment

Schedule your visit to Jawed Habib Hair & Beauty Salon in just a few steps

- 1 Services
- 2 Staff & Time
- 3 Your Details
- 4 Confirmation

Your Details

Full Name

nimit parghee

Phone Number

7861015439

Email Address

neelparghee@gmail.com

Gender

Male

Special Requests (Optional)

[Back: Staff & Time](#)

[Next: Confirm Booking](#)

Jawed Habib

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[Hair Coloring](#)

[Hair Treatments](#)

[Beauty Services](#)

Contact Info

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat – 388120

Book Your Appointment

Schedule your visit to Jawed Habib Hair & Beauty Salon in just a few steps

- 1** Services
- 2** Staff & Time
- 3** Your Details
- 4** Confirmation

Confirm Your Booking

Booking Summary

Customer: nimit parghee

Services: Bridal Makeup - ₹5000.00 (120 min)

Stylist: Raj Patel (Hair Treatments like Keratin, Hair extensions and Haircuts)

Date & Time: 01-05-2025 at 4:30 PM

Total Price: ₹5000.00

I agree to the [terms and conditions](#)

Back: Your Details
Confirm Booking

Book Your Appointment

Schedule your visit to Jawed Habib Hair & Beauty Salon in just a few steps

- 1** Services
- 2** Staff & Time
- 3** Your Details
- 4** Confirmation

Booking Confirmed!

Your appointment has been successfully booked. A confirmation has been sent to your contact details.

| Customer Name | nimit parghee |
|---------------|-------------------------|
| Phone | 7861015439 |
| Email | neelparghee@gmail.com |
| Date | 2025-05-01 |
| Time | 4:30 PM |
| Stylist | Raj Patel |
| Services | Bridal Makeup (120 min) |

Booking Reference:
BOOK-1746095500688

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Services Our Team About Us Contact Profile Welcome, nimit [Logout](#) [BOOK NOW](#)

Your appointment has been successfully booked. A confirmation has been sent to your contact details.

| | |
|---------------|-------------------------|
| Customer Name | nimit pardhee |
| Phone | 7861015439 |
| Email | neelpardhee@gmail.com |
| Date | 2025-05-01 |
| Time | 4:30 PM |
| Stylist | Raj Patel |
| Services | Bridal Makeup (120 min) |

Booking Reference:

BOOK-1746095500688

[Return to Home](#)

[Download Confirmation](#)

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[Hair Styling](#)

[Hair Coloring](#)

[Hair Treatments](#)

Contact Info

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat – 388120



Services Our Team About Us Contact Profile Welcome, nimit

2 Staff & Time

3 Your Details

4 Confirmation



Booking Confirmed!

Your appointment has been successfully booked. A confirmation has been sent to your contact details.

| | |
|---------------|-------------------------|
| Customer Name | nimit pardhee |
| Phone | 7861015439 |
| Email | neelpardhee@gmail.com |
| Date | 2025-05-01 |
| Time | 4:30 PM |
| Stylist | Raj Patel |
| Services | Bridal Makeup (120 min) |

Booking Reference:

BOOK-1746095500688

[Return to Home](#)

[Download Confirmation](#)

Downloads

- booking-confirmation-BOOK-1746095500688.pdf [Open file](#) [Show in folder](#)
- booking-confirmation-BOOK-1746094054946.pdf [Open file](#)
- customers.xlsx [Open file](#)
- booking-confirmation-BOOK-1745758359959.pdf [Open file](#)
- customers.pdf [Open file](#)
- customers.xlsx [Removed](#)
- customers.pdf [Removed](#)
- customers(2).pdf [Removed](#)
- customers(1).pdf [Removed](#)
- customers.pdf [Removed](#)
- customers.csv [Removed](#)

[See more](#)

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The screenshot shows a PDF document titled "Booking Confirmation". The document contains the following information:

Booking Reference: BOOK-1746095500688

Customer Name: nimit parghee

Phone: 7861015439

Email: neelparghee@gmail.com

Date: 2025-05-01

Time: 4:30 PM

Stylist: Raj Patel

Services:

- Bridal Makeup (120 min)

Powered by Adobe Acrobat

The screenshot shows the homepage of the Jawed Habib website. The header includes the logo "JH Jawed Habib" and the tagline "Vallabh Vidyanagar". The navigation menu has links for Services, Our Team, About Us, Contact, Profile, and a welcome message "Welcome, nimit". There is also a "Logout" button and a prominent "BOOK NOW" button.

Our Services

Discover our range of premium hair and beauty services designed to pamper and transform

| | | |
|---|--|--|
| Haircut Professional haircut service | Hair Coloring Full hair coloring service | Facial Relaxing facial treatment |
| Manicure Classic manicure service | Pedicure Relaxing pedicure service | Swedish Massage Full-body Swedish massage |
| Deep Tissue Massage Deep tissue therapy | Bridal Makeup Bridal makeup for weddings | Party Makeup Party makeup for special events |
| Keratin Treatment(above shoulder) a hair smoothing service that utilizes protein to reduce frizz, improve shine, and make hair more manageable. | Gel Paint Highly pigmented, non-runny gel paint- perfect for detailed nail art | |

Meet Our Team

Our team of highly skilled professionals dedicated to making you look and feel amazing

K.S. SCHOOL OF BUSINESS MANAGEMENT M.Sc. (CA & IT)

Meet Our Team

Our team of highly skilled professionals dedicated to making you look and feel amazing



Priya Sharma
Senior Hair Stylist



Raj Patel
Master Hair Stylist



Ananya Singh
Color Specialist



Vikram Malhotra
Stylist & Barber



Neha Verma
Beauty Therapist



Arjun Kapoor
Junior Stylist



Radhika Gupta
Junior Hair Stylist

About Us

The story of Jawed Habib Hair & Beauty in Vallabh Vidyanagar



Jawed Habib Hair & Beauty Organization

Welcome to Jawed Habib Hair & Beauty in Vallabh Vidyanagar, where we blend artistry with expertise to create stunning looks that enhance your natural beauty.

Established in 2023, our salon is a partner firm owned by Jigar Parghi, bringing the renowned Jawed Habib experience to the heart of Vallabh Vidyanagar.

Owner:
Jigar Parghi (Partner firm)

Established:
2023

Staff Count:
6 professional stylists and beauty experts

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Services Our Team About Us Contact Profile Welcome, nimit [Logout](#) [BOOK NOW](#)

Contact Us

Get in touch with us for appointments, queries, or feedback

Salon Information

📍 Address:

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar,
Vallabh Vidyanagar, Anand, Gujarat - 388120

📞 Phone:

8905535055

✉️ Email:

vallabhvidyanagar@jawedhabib.co.in

🕒 Hours:

Monday - Sunday: 10:00 AM - 8:00 PM

Follow us on social media:



Send us a Message

Name

Email

Phone

Message

[Send Message](#)

localhost:8081/SalonManage/admin.jsp



riddhi ▾

Back to Site

Dashboard

- [Dashboard](#)
- [Appointments](#)
- [Services](#)
- [Staff](#)
- [Customers](#)
- [Inventory](#)
- [Settings](#)

Today's Appointments

1
Appointments scheduled for today

New Bookings

7
New bookings in the last 7 days

Total Customers

2
Overall customers

Revenue

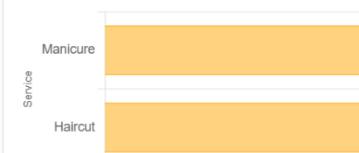
₹0.00

This month's revenue

Today's Upcoming Appointments

| Time | Customer | Service | Stylist | Status |
|-------|---------------|----------|--------------|------------------------|
| 16:00 | nimit parghee | Manicure | Ananya Singh | confirmed |
| 16:00 | nimit parghee | Haircut | Ananya Singh | confirmed |

Popular Services



Recent Activities

Inventory Status

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 Back to Site

Today's Upcoming Appointments

| Time | Customer | Service | Stylist | Status |
|-------|---------------|----------|--------------|-----------|
| 16:00 | nimit parghee | Manicure | Ananya Singh | confirmed |
| 16:00 | nimit parghee | Haircut | Ananya Singh | confirmed |

Popular Services

| Service | Count |
|----------|-------|
| Manicure | 2 |
| Haircut | 2 |

Recent Activities

- Added a new service: Service Name: Gel Paint, Price: 600.00 by system admin - 1/5/2025, 3:41:47 pm
- Added a new service: Service Name: Gel Paint, Price: 600.00 by system admin - 1/5/2025, 3:41:47 pm
- Booked an appointment: null by nimit parghee - 1/5/2025, 3:37:34 pm
- Booked an appointment: null by riddhi parghi - 29/4/2025, 2:11:08 pm
- Completed an appointment: null by neel parghi - 29/4/2025, 11:43:37 am

Inventory Status

| Product | Stock | Status |
|-------------|-------|--------------|
| Hairbrush | 0 | Out of Stock |
| Conditioner | 5 | Low Stock |
| Conditioner | 5 | In Stock |
| Face Cream | 10 | Low Stock |
| Hair Dryer | 25 | In Stock |

Appointments



| Date Range | Stylist | Status | Search |
|------------|--------------|------------|-------------------------------|
| This Week | All Stylists | All Status | Search customer or service... |

Showing 6 of 6 appointments [Previous](#) [Next](#)

| Date | Time | Customer | Service | Staff | Status | Price | Payment Type | Actions |
|------------|-------|---------------|---------------------|-----------------|-----------|---------|--------------|---|
| 2025-05-01 | 16:00 | nimit parghee | Manicure, Haircut | Ananya Singh | confirmed | 1150.00 | Not Set | Edit Mark as Completed Delete |
| 2025-04-29 | 14:30 | riddhi parghi | Party Makeup | Priya Sharma | confirmed | 3000.00 | Not Set | Edit Mark as Completed Delete |
| 2025-04-29 | 10:00 | nimit parghee | Hair Coloring | Vikram Malhotra | completed | 1500.00 | UPI | Edit Mark as Completed Delete |
| 2025-04-29 | 10:00 | nimit parghee | Facial | Neha Verma | completed | 1200.00 | Card | Edit Mark as Completed Delete |
| 2025-04-29 | 10:00 | nimit parghee | Deep Tissue Massage | Raj Patel | completed | 2200.00 | Card | Edit Mark as Completed Delete |
| 2025-04-29 | 10:00 | neel parghi | Manicure | Ananya Singh | completed | 600.00 | UPI | Edit Mark as Completed Delete |

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Add New Appointment

Customer Email or Phone

Services

Hair Care
 Hair Coloring
 Haircut
 Keratin Treatment(above shoulder)

Skin Care
 Facial
 Nail Care

| Staff | Status |
|--------------|-----------|
| Select Staff | Confirmed |

Date

dd-mm-yyyy

Select Time

✖ Please select both staff and date.

Staff

Priya Sharma

Status

Confirmed

Date

01-05-2025

Select Time

5:30 PM 6:00 PM 6:30 PM 7:00 PM 7:30 PM

Notes

riddhi Back to Site

+ New Appointment

Search customer or service...

Actions

| | | |
|------|-------------------|--------|
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |



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Add New Appointment

Customer Email or Phone

Services

Hair Care
 Hair Coloring
 Haircut
 Keratin Treatment(above shoulder)

Skin Care
 Facial
 Nail Care

| Staff | Status |
|--------------|-----------|
| Select Staff | Confirmed |

Date

dd-mm-yyyy

Select Time

✖ Please select both staff and date.

Staff

Priya Sharma

Status

Confirmed

Date

01-05-2025

Select Time

5:30 PM 6:00 PM 6:30 PM 7:00 PM 7:30 PM

Notes

riddhi Back to Site

+ New Appointment

Search customer or service...

Actions

| | | |
|------|-------------------|--------|
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |
| Edit | Mark as Completed | Delete |

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[Back to Site](#)

Services

| Category | Status | Search | | | |
|---------------------|-----------------|--------------------|----------|--------|---------|
| All Categories | All Status | Search services... | | | |
| Service Name | Category | Duration | Price | Status | Actions |
| Haircut | Hair Care | 30 mins | ₹550.00 | Active | |
| Hair Coloring | Hair Care | 90 mins | ₹1500.00 | Active | |
| Facial | Skin Care | 60 mins | ₹1200.00 | Active | |
| Manicure | Nail Care | 40 mins | ₹600.00 | Active | |
| Pedicure | Nail Care | 50 mins | ₹700.00 | Active | |
| Swedish Massage | Massage Therapy | 90 mins | ₹2000.00 | Active | |
| Deep Tissue Massage | Massage Therapy | 60 mins | ₹2200.00 | Active | |
| Bridal Makeup | Makeup Services | 120 mins | ₹5000.00 | Active | |

Add New Service

| Service Name | Category |
|---|----------------------|
| <input type="text"/> | Select Category |
| Duration (minutes) | Price (\$) |
| <input type="text"/> | <input type="text"/> |
| Description | |
| <input type="text"/> | |
| <input checked="" type="checkbox"/> Active | |
| <input type="button" value="Cancel"/> <input type="button" value="Save Service"/> | |

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Services

| Service Name | Category | Duration | Price | Status | Actions |
|---------------------|-----------------|----------|----------|--------|---------|
| Haircut | Hair Care | 30 mins | ₹550.00 | Active | |
| Hair Coloring | Hair Care | 90 mins | ₹1500.00 | Active | |
| Facial | Skin Care | 60 mins | ₹1200.00 | Active | |
| Manicure | Nail Care | 40 mins | ₹600.00 | Active | |
| Pedicure | Nail Care | 50 mins | ₹700.00 | Active | |
| Swedish Massage | Massage Therapy | 90 mins | ₹2000.00 | Active | |
| Deep Tissue Massage | Massage Therapy | 60 mins | ₹2200.00 | Active | |
| Bridal Makeup | Makeup Services | 120 mins | ₹5000.00 | Active | |

Add New Category

Category Name:

Category: All Categories

Cancel Save Category

Search services...

+ New Service + New Category

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Staff

| | | |
|--|---|--|
| Priya Sharma Senior Hair Stylist ★ Hair Coloring 6 years experience 9876543210 Edit Delete | Raj Patel Master Hair Stylist ★ Hair Treatments like Keratin, Hair extensions and Haircuts 12 years experience 9876543211 Edit Delete | Ananya Singh Color Specialist ★ Balayage, Fashion Colors, Highlighting 6 years experience 9876543212 Edit Delete |
| | | |

localhost:8081/SalonManage/admin.jsp#

+ New Staff

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Staff

Add New Staff

First Name:
Last Name:
Role: Select Role
Email:
Specialization:
Experience (years):
Upload Image: Choose File / No file chosen

Ananya Singh
Color Specialist
Age, Fashion Colors, Highlighting
6 years experience
9876543212
[Edit](#) [Delete](#)

Customers

Search: Sort By: Most Recent [Export](#)

| Name | Contact | Last Visit | Total Visits | Total Spent | Actions |
|---------------|-----------------------|------------|--------------|-------------|---------|
| nimit parghee | neelparghee@gmail.com | 1/5/2025 | 15 | ₹28050.00 | |
| neel parghi | neelparghi@gmail.com | 29/4/2025 | 3 | ₹600.00 | |

Showing 2 of 2 customers [Previous](#) [Next](#)

localhost:8081/SalonManage/admin.jsp#

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Customer Details

Customer Information

Name: neel parghi
Email: neelparghi@gmail.com
Phone: 7861015438
Last Visit: 29/4/2025
Total Visits: 3
Total Spent: ₹600.00

Appointment History

| Date | Service | Amount |
|--------------------|----------|---------|
| 29/4/2025 10:00:00 | Manicure | ₹600.00 |

Actions

View Edit Delete

View Edit Delete

Previous Next

Close

Jawed Habib
Vallabh Vidyanagar

Customers

Search

Search by name, email or phone number

| Name | Company |
|---------------|-------------|
| nimit parghee | neel parghi |
| neel parghi | neel parghi |

Showing 2 of 2 customers

Add Walk-in Customer

First Name *

Last Name *

Name Email *

Phone Number *

Gender

Select Gender

Actions

₹28050.00 View Edit Delete

₹600.00 View Edit Delete

Previous Next

New Customer

Export

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Add Walk-in Customer

First Name *
Priyanshi

Last Name *
Vaghora

Email *
priyanshivaghora05@gmail.com

Phone Number *
6355170991

Gender
Female

Cancel Save Customer

Customers

Search
Search by name, email or phone number

| Name | Category |
|---------------|----------|
| nimit parghee | new |
| neel parghi | new |

Showing 2 of 2 customers

Total Spent Actions
₹28050.00

₹600.00

Previous Next

Inventory

Low Stock Alert

- Face Cream (skin-care): 10 units (Reorder Level: undefined)
- Conditioner (hair-care): 5 units (Reorder Level: undefined)

| Category | Stock Status | Sort By | Search | | |
|----------------|--------------|---------|--------------------|-----------|---------|
| All Categories | All | Name | Search products... | | |
| Product Name | Category | Stock | Price | Status | Actions |
| Conditioner | hair-care | 5 | ₹1799.00 | Low Stock | |
| Conditioner | hair-care | 5 | ₹5500.00 | In Stock | |
| Face Cream | skin-care | 10 | ₹2999.00 | Low Stock | |
| Hair Dryer | equipment | 25 | ₹59999.00 | In Stock | |

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 Jawed Habib
Vallabh Vidyanagar

riddhi ▾

 Back to Site

Low Stock Alert

- Face Cream (skin-care): 10 units (Reorder Level: undefined)
- Conditioner (hair-care): 5 units (Reorder Level: undefined)

| Category | Stock Status | Sort By | Search | | |
|----------------|--------------|---------|--------------------|-----------|---|
| All Categories | Low Stock | Name | Search products... | | |
| Product Name | Category | Stock | Price | Status | Actions |
| Conditioner | hair-care | 5 | ₹1799.00 | Low Stock | <button>Edit</button> <button>Delete</button> |
| Face Cream | skin-care | 10 | ₹2999.00 | Low Stock | <button>Edit</button> <button>Delete</button> |

Showing 2 of 2 products

[Previous](#) [Next](#)

Add Product to Inventory

| | |
|----------------------|---------------------------------|
| Product Name | Category |
| <input type="text"/> | Select Category |
| Brand | Supplier |
| <input type="text"/> | <input type="text"/> |
| Price (?) | Stock Quantity |
| <input type="text"/> | <input type="text"/> |
| Minimum Stock Level | Expiry Date (if applicable) |
| <input type="text"/> | <input type="text"/> dd-mm-yyyy |
| Description | |
| <input type="text"/> | |

[+ Add Product](#)

[Cancel](#) [Save Product](#)

[Previous](#) [Next](#)

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Vallabh Vidyanagar

Add Product to Inventory

Product Name: UV Light | Category: equipment

Brand: Skills | Supplier: Priyanshi Vaghora

Price (?): 1500 | Stock Quantity: 5

Minimum Stock Level: 2 | Expiry Date (if applicable): dd-mm-yyyy

Description: UV light for drying the gel paint

Cancel | Save Product

localhost:8081 says
Product added successfully

OK

Jawed Habib
Vallabh Vidyanagar

Add Product to Inventory

Product Name: UV Light | Category: equipment

Brand: Skills | Supplier: Priyanshi Vaghora

Price (?): 1500 | Stock Quantity: 5

Minimum Stock Level: 2 | Expiry Date (if applicable): 01-05-2029

Description: UV light for drying the gel paint

Cancel | Save Product

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The screenshot displays a web application interface for managing a product database. On the left, a sidebar menu includes options like Dashboard, Appointments, Services, Staff, Customers, Inventory (which is currently selected), and Settings. The main content area shows a list of products with columns for Name, Category, Stock Quantity, Price, Reorder Level, Brand, Supplier, Expiry Date, and Description. A modal window titled 'Edit Product' is open, allowing users to update details for a selected product. The 'Product Name' field contains 'UV Light', 'Category' is set to 'equipment', and 'Stock Quantity' is 1. A success message box is overlaid on the page, stating 'localhost:8081 says Product updated successfully'. The bottom right corner of the screen shows the page number '68 | Page'.

Edit Product

Product Name: UV Light

Category: equipment

Stock Quantity: 1

Price (₹): 1500

Reorder Level: 2

Brand: Skills

Supplier: Priyanshi Vaghora

Expiry Date: 01-05-2029

Description: UV light for drying the gel paint

Actions

Showing 7 of 7 products

localhost:8081 says
Product updated successfully

OK

Previous Next

68 | Page

K.S. SCHOOL OF BUSINESS MANAGEMENT M.Sc. (CA & IT)

JH Jawed Habib
Vallabh Vidyanagar

riddhi ▾ [Back to Site](#)

| All Categories | All | Name | Search products... | | |
|----------------|-------------|-------|--------------------|--------------|---|
| Product Name | Category | Stock | Price | Status | Actions |
| Conditioner | hair-care | 5 | ₹1799.00 | Low Stock | Edit Delete |
| Conditioner | hair-care | 5 | ₹5500.00 | In Stock | Edit Delete |
| Face Cream | skin-care | 10 | ₹2999.00 | Low Stock | Edit Delete |
| Hair Dryer | equipment | 25 | ₹59999.00 | In Stock | Edit Delete |
| Hairbrush | accessories | 0 | ₹999.00 | Out of Stock | Edit Delete |
| Shampoo | hair-care | 50 | ₹1599.00 | In Stock | Edit Delete |
| UV Light | equipment | 1 | ₹1500.00 | Low Stock | Edit Delete |

Showing 7 of 7 products

[Previous](#) [Next](#)

JH Jawed Habib
Vallabh Vidyanagar

riddhi ▾ [Back to Site](#)

Settings

Salon Information

Salon Name: Jawed Habib Hair & Beauty
Branch Name: Vallabh Vidyanagar
Address: Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat 388120
Phone: 8905535055
Email: jawedhabib@gmail.com

Business Hours

| Day | Open | Close | Status |
|-----------|----------|----------|--------|
| Monday | 10:00:00 | 20:00:00 | Open |
| Tuesday | 10:00:00 | 20:00:00 | Open |
| Wednesday | 10:00:00 | 20:00:00 | Open |
| Thursday | 10:00:00 | 20:00:00 | Open |
| Friday | 10:00:00 | 20:00:00 | Open |
| Saturday | 10:00:00 | 20:00:00 | Open |
| Sunday | 10:00:00 | 20:00:00 | Open |

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Vallabh Vidyanagar

riddhi ▾

[Back to Site](#)

Pending Admin Approvals

No pending admin approvals.

Notification Settings

Email Notifications:

Enabled

SMS Notifications:

Disabled

Reminder Time:

3 days before

[Edit Settings](#)

Vallabh Vidyanagar

riddhi ▾

[Back to Site](#)

Dashboard

Appointments

Services

Staff

Customers

Inventory

Settings

Edit Salon Information

Salon Name

Jawed Habib Hair & Beauty

Branch Name

Vallabh Vidyanagar

Address

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat 388120

Phone Number

8905535055

Email Address

jawedhabib@gmail.com

[Cancel](#)[Save Changes](#)

Business Hours

| Day | Open | Close | Status |
|-----------|----------|----------|--------|
| Monday | 10:00:00 | 20:00:00 | Open |
| Tuesday | 10:00:00 | 20:00:00 | Open |
| Wednesday | 10:00:00 | 20:00:00 | Open |
| Thursday | 10:00:00 | 20:00:00 | Open |
| Friday | 10:00:00 | 20:00:00 | Open |
| Saturday | 10:00:00 | 20:00:00 | Open |
| Sunday | 10:00:00 | 20:00:00 | Open |

[Edit Hours](#)

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Jawed Habib

Vallabh Vidyanagar

riddhi ▾

[Back to Site](#)

- [Dashboard](#)
- [Appointments](#)
- [Services](#)
- [Staff](#)
- [Customers](#)
- [Inventory](#)
- [Settings](#)

Edit Salon Information

Salon Name

Jawed Habib Hair & Beauty

Branch Name

Vallabh Vidyanagar

Address

Radha Kesav, F-2, opp. Home Science College, Patel Society, Mota Bazaar, Vallabh Vidyanagar, Anand, Gujarat 388120

Phone Number

8905535064

Email Address

jawedhabib@gmail.com

[Cancel](#)

[Save Changes](#)

Business Hours

| Day | Open | Close | Status |
|-----------|----------|----------|--------|
| Monday | 10:00:00 | 20:00:00 | Open |
| Tuesday | 10:00:00 | 20:00:00 | Open |
| Wednesday | 10:00:00 | 20:00:00 | Open |
| Thursday | 10:00:00 | 20:00:00 | Open |
| Friday | 10:00:00 | 20:00:00 | Open |
| Saturday | 10:00:00 | 20:00:00 | Open |
| Sunday | 10:00:00 | 20:00:00 | Open |

[Edit Hours](#)

Chapter – 6 Testing

| Test Case ID | Module | Test Case Description | Input/Action | Expected Result | Type | Status (Pass/Fail) |
|---------------------|---|--|---|---|---------------|---------------------------|
| TC001 | Login/Signup | Verify user can register with valid details | Valid name, email, password | Account created, redirected to homepage | Functional | yes |
| TC002 | Login/Signup | Verify login with valid credentials | Registered email and password | User logged in successfully | Functional | yes |
| TC003 | Login/Signup | Verify login fails with invalid credentials | Wrong email or password | Error message shown | Negative | yes |
| TC004 | Service Listing | Verify all services load correctly on service page | Load service page | List of services displayed | UI/Functional | yes |
| TC005 | Service Details | Verify service details open when clicked | Click on service name | Service detail page shown | Functional | yes |
| TC006 | Booking | Verify user can book a service | Select service, date, time, staff, confirm | Booking confirmed message shown | Functional | yes |
| TC007 | Booking | Verify booking fails without selecting a service | Leave service unselected, try to proceed | Error or validation message shown | Negative | yes |
| TC008 | Booking | Verify booking requires login | Try to book without logging in | Redirect to login or show prompt | Security | yes |
| TC009 | Verify customer profile creation | Verify customer profile creation | 1. Navigate to Customer Management module2. Click ‘Add New Customer’3. Enter customer details (Name, Phone, Email)4. Click ‘Save’ | Customer profile is created, and success message is shown | Functional | yes |
| TC010 | Verify payment processing For a service | Appointment is booked, and service is completed | 1. Navigate to Payment module2. Select the appointment3. Enter payment amount4. Choose payment method (e.g., Card)5. | Payment is processed, receipt is generated, and payment status is updated to ‘Paid’ | Functional | yes |

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| | | | | | | |
|-------|---------------------|--|---------------------------------------|---------------------------------|---------------|-----|
| | | | Click 'Process Payment' | | | |
| TC011 | Appointment History | Verify appointment is listed after booking | Go to "My Appointments" | Recent appointment listed | Functional | yes |
| TC012 | Staff Selection | Verify staff can be selected for a service | Choose staff from dropdown | Selected staff shown in summary | Functional | yes |
| TC013 | UI | Verify navigation links work correctly | Click navigation menu items | Correct page is loaded | UI/Functional | yes |
| TC014 | Responsive Design | Verify website layout on mobile view | Open site in mobile browser/simulator | Site layout adjusts properly | UI/Responsive | yes |
| TC015 | Admin Access | Verify only admin can access admin panel | Visit /admin as normal user | Redirected or access denied | Security | yes |
| TC016 | Logout | Verify user logout works | Click logout | Redirected to login/homepage | Functional | yes |
| TC017 | Search | Verify service search works correctly | Enter service name in search bar | Matching services displayed | Functional | yes |

CHAPTER – 7 Summary

7.1 Assumptions

- It is assumed that the salon staff using the system have basic computer literacy.
- The system will be used within the salon premises where stable internet and power supply are available.
- Customers will make service bookings either through reception staff or through a planned customer-facing interface.
- Staff and admin roles are predefined and managed by the system administrator.
- The pricing and list of services remain relatively constant with occasional manual updates.

7.2 Limitations

- The current system does not support online payments; all transactions are assumed to be completed in person.
- Mobile app support is not included in the current version and is limited to web browsers.
- The system does not send automated reminders or SMS notifications to clients.
- Staff availability is manually updated and not synced with real-time calendars.
- Data backup and recovery features are not automated and rely on periodic manual backup.

7.3 Future Scope

- Integration of online payment gateways for seamless customer transactions.

- Development of a mobile application for customers to book and manage appointments more conveniently.
- Implementation of AI-based recommendations for services based on user history and trends.
- Integration with email/SMS APIs to send automated booking confirmations and reminders.
- Cloud-based hosting for enhanced scalability, data security, and remote access.
- Real-time calendar syncing with staff availability and automated shift planning.

7.4 Conclusion

The Salon Management System has been designed and developed to simplify daily operations in a salon environment. It streamlines appointment scheduling, service management, and staff coordination. By reducing manual workload and errors, it enhances overall customer satisfaction and service delivery. Although the system has a few limitations in its current version, it lays a solid foundation for future enhancements that can make salon operations even more efficient, automated, and customer-friendly.

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