



EAST WEST UNIVERSITY

Software Requirement Specification (SRS)

Project Name: Neat Site

Course Code: 347

Course Title: Information System Analysis and Design

Section: 2

Submitted To:

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Introduction:

Description of Problem:

Salons are one of the very important places as this space is utilized by both men and women to groom themselves. In today's digital world time is money. People most of the time waste their valuable time to find the perfect salon for them. So, it is important to create a platform where people can find the list of the salons in one place.

Motivation:

These are the reasons we came up with this idea:

- **Time-saving:** Customers can choose their preferable place and can get an advance appointment from there so that they can save their precious time. This will help to reduce the waiting time people spend in a salon.
- **Sum up information:** people can find the information of plenty of information about different salons in one place so that they compare and choose their preferred one.
- **Benefits of salons:** The salon authority can easily introduce new features in their salon. They can check if there is an appointment to get.
- **Business revenue:** we can charge a small amount from the salons monthly so that we can generate revenue for ourselves.

Challenges:

- **Database management:** if our system gets popular it will be hard for us to maintain a large database system.
- **Advertisement:** We need to advertise our website to the people so that they get to know about the system and this will be difficult to reach the people.

Non-Functional Requirements:

- **Security:**
 - We have to ensure user security.
 - Password will be saved in a hashed format.

- **Verification:**
 - When any of the salons make a sign-up request, we will check whether the data are valid or not.
 - We will make sure there is not a double account for any salon as well as salon consumer.
 - To make sure user integrity we will only allow Gmail and Yahoo.
- **Reliability and scalability:**
 - Our website should work smoothly.
 - All information should show correctly.
- **Performance speed:**
 - Our website should fetch data from the database as fast as possible.
- **Space:**
 - The database of this website should handle a large amount of data.
- **Availability:**
 - The website will open 24/7 however making an appointment to a salon will only be available on their running time.
- **Usability:**
 - The UI/UX should be as user-friendly as possible.
 - Every service of a salon should have a detailed section so the consumer gets the idea of the service.

Functionality:

Global Feature:

- The website will have two types of clients. One is for the salon's receptionist and another one is for the consumer of the salon.
- Both clients will have separate sign-up pages.
- Both clients' data will store in the database.
- Both of them can see the salon list with salon's rating.
- Clients have to insert email, password, and client type to log in.
- A client can search among salons.
- Client can sort the salon list.

Scenario:

In our website there are two type of user one is salon other is people who take services from salon. Whenever any of the user login to the website the website will show the pages according to user. But salon list will available to both users. And also, we user can sort the list as well as search in the list. For both of the user we have separate signup pages. Both users can see the salon list with its rating

Consumer side features:

- Clients have to submit their name, email, contact info, and password to make an account.
- They can make an appointment to the salon with the services they want from the salon.
- Clients will be able to see the ongoing services of the salons.
- After making an appointment, they will get the estimated time and queue number.
- They can rate the salons.
- After clicking a salon from the salon list Client should see the salon's page. Salon's page will contain salon's about, Owner name, Address, email, Contact info and the services.
- In the salon's page they will get the appointment section to make an appointment with the desire services.

Scenario:

If a consumer user wants to create an account, then they have to put their name, email, contact info and password. If the user login to the website, then they will see salon list. After clicking a salon, they will be forwarded to salon page and from the user can make their appointment. In the same page user can see the on-going queue. Also, they will see their queue number with estimated waiting time.

Salon side feature:

- Clients has to submit their salon name, owner name, email, contact info, address, opening time, closing, about time and password to make an account.
- The salon will send a request to make an account through the signup page. After that admin will decide whether the account should get accepted or not.
- The client can reject any of the consumer appointments.
- The client can add or delete as much as the service they want.
- When a salon adds a service, they have to mention the name, price, detail and estimated time to complete the task.
- Store the number of clients served in the database.
- When salon will complete a client's all services, they will make the appointment done and move on to next waiting client.

Scenario:

For signup as salon. User have to make request by putting salon name, owner name, email, contact info, address, opening time, closing, about time and password. When user login into the account then they will see the option of salon list, salon page, appointment and add services. Salon list will show the list of salons. Appointment page will contain all the ongoing and

requested appointment. Add service page will have the form to add a service.

Admin:

- Admin will log in with the database username and password.
- There will be a separate login page for server admin.
- Admin can see all the data of the server.
- Salon request section.

Scenario:

Admin is the superuser here only the developer can access this option. Admin will have ability to delete or edit any user's data. Also, there will be option for requested salon.

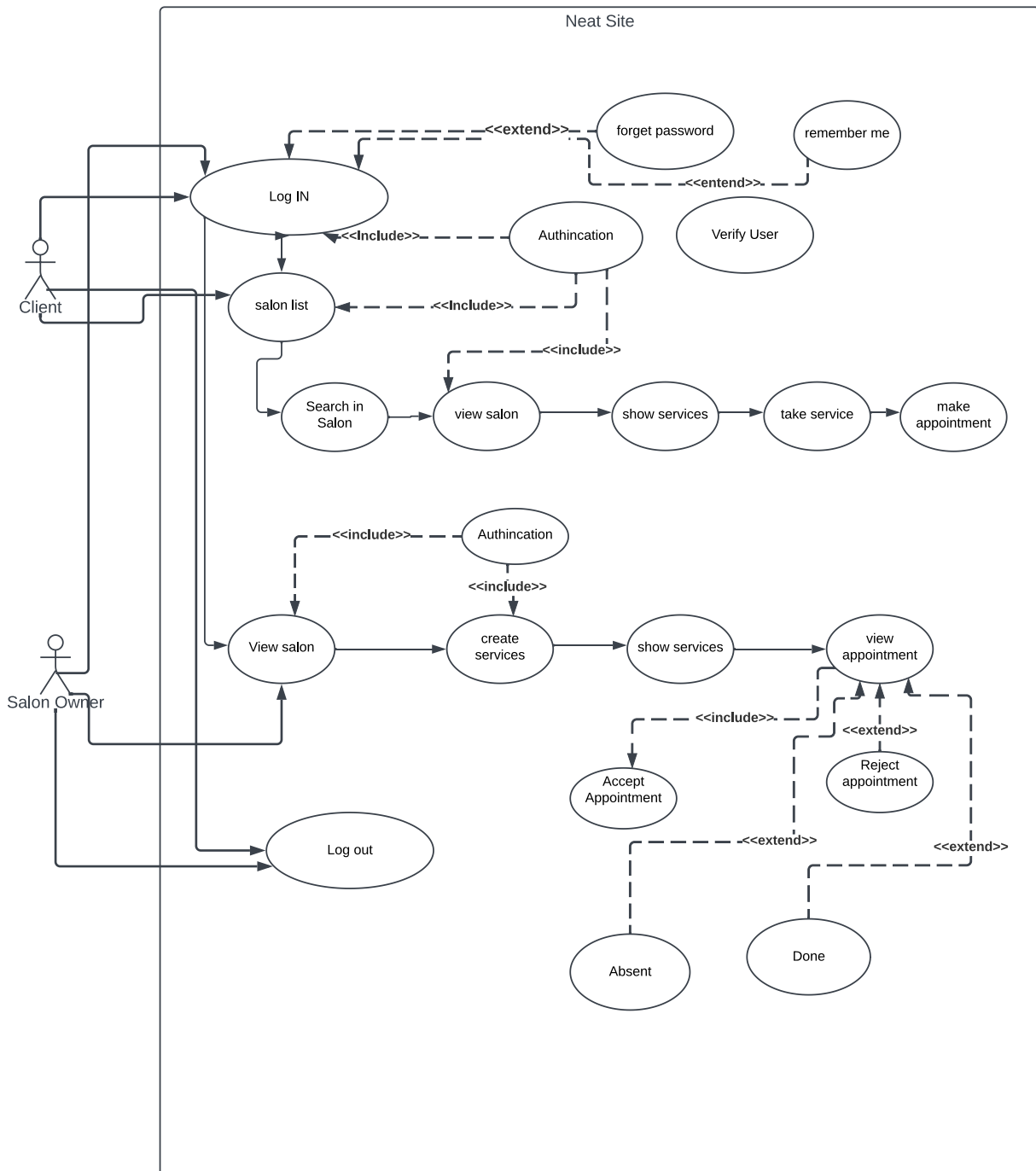
Technologies:

- HTML
- CSS
- JS
- Python and Django

Here we are using HTML, CSS for our front-end design. And others are used for back-end design. For the database, we are using MySQL.

Diagram:

Use Case Diagram:

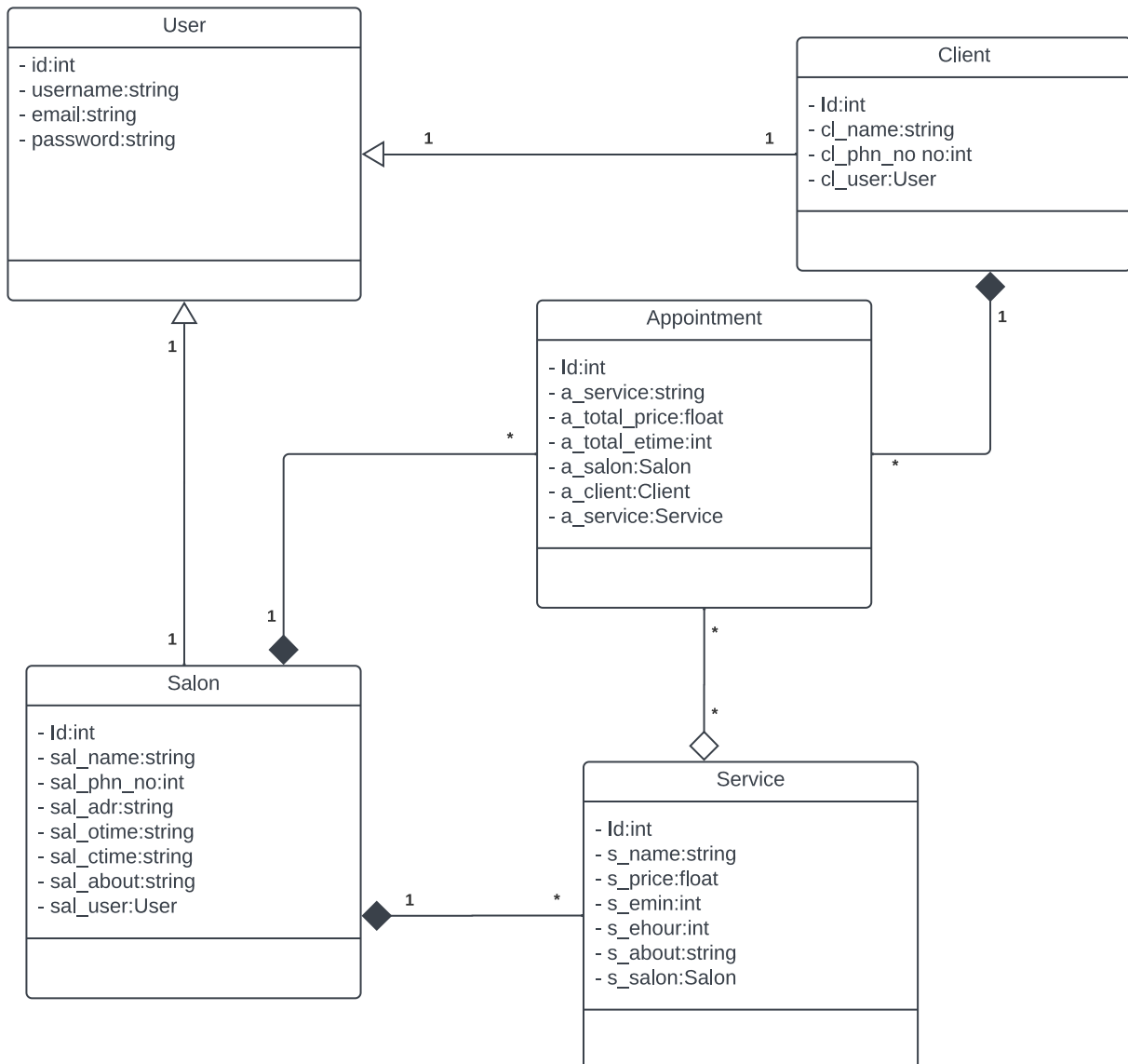


Use Case Description:

Use Case	Neat Site
Goal in Context	A system that allows the users to find bunch of salons in one place and can make appointment in salons.
Preconditions	Clients want to book appointment in available time, owner want to provide services easily.
Success End Condition	<ol style="list-style-type: none">1) Client makes appointment2) Salon check appointments3) Salon can add services
Failed End Condition	<ol style="list-style-type: none">1) If the log in verification is failed it will show an error message2) If authentication is failed, it will show error also
Primary Actors	Salon Owner, client
Secondary Actors	None
Trigger	Enter our website
Description	<ol style="list-style-type: none">1) User will login into their account with user name and password<ol style="list-style-type: none">a) If user is client<ol style="list-style-type: none">i) user will see the salon listii) They can view the saloniii) They can make appointment

	<ul style="list-style-type: none"> b) If user is salon owner <ul style="list-style-type: none"> i) User will see their salon page ii) They can add services iii) View the services iv) Check appointment 2) Users can log out from the site. 3) If users do not have any account, they can create new account according to their preference
Extension or Variations	<ul style="list-style-type: none"> 1) If any user forgets their password, they can create new password 2) If the user wants to keep logged in, they can use “remember me” option 3) If user do not logout from the device it will be logged in. 4) In every page authentication is being checked

Class Diagram:



Activity Diagram:

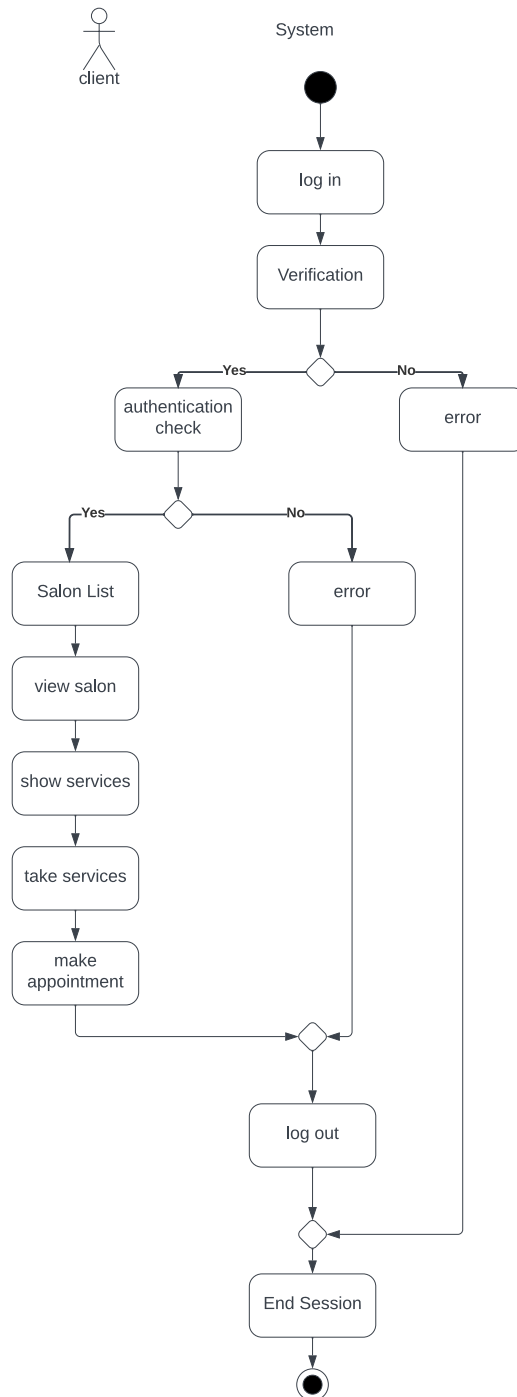


Figure: Activity Diagram for Client

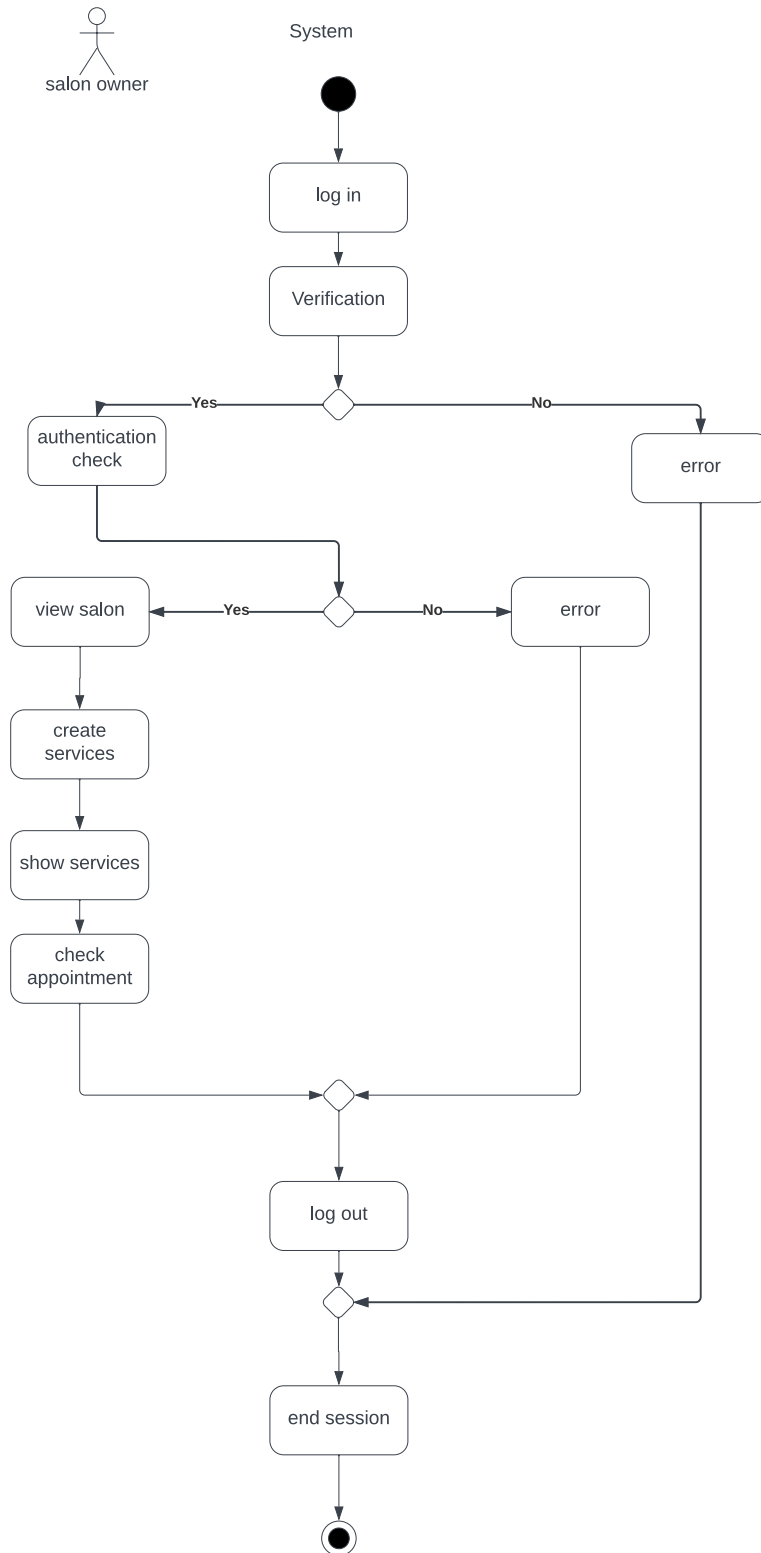


Figure: Activity Diagram for Salon Owner

Sequence Diagram:

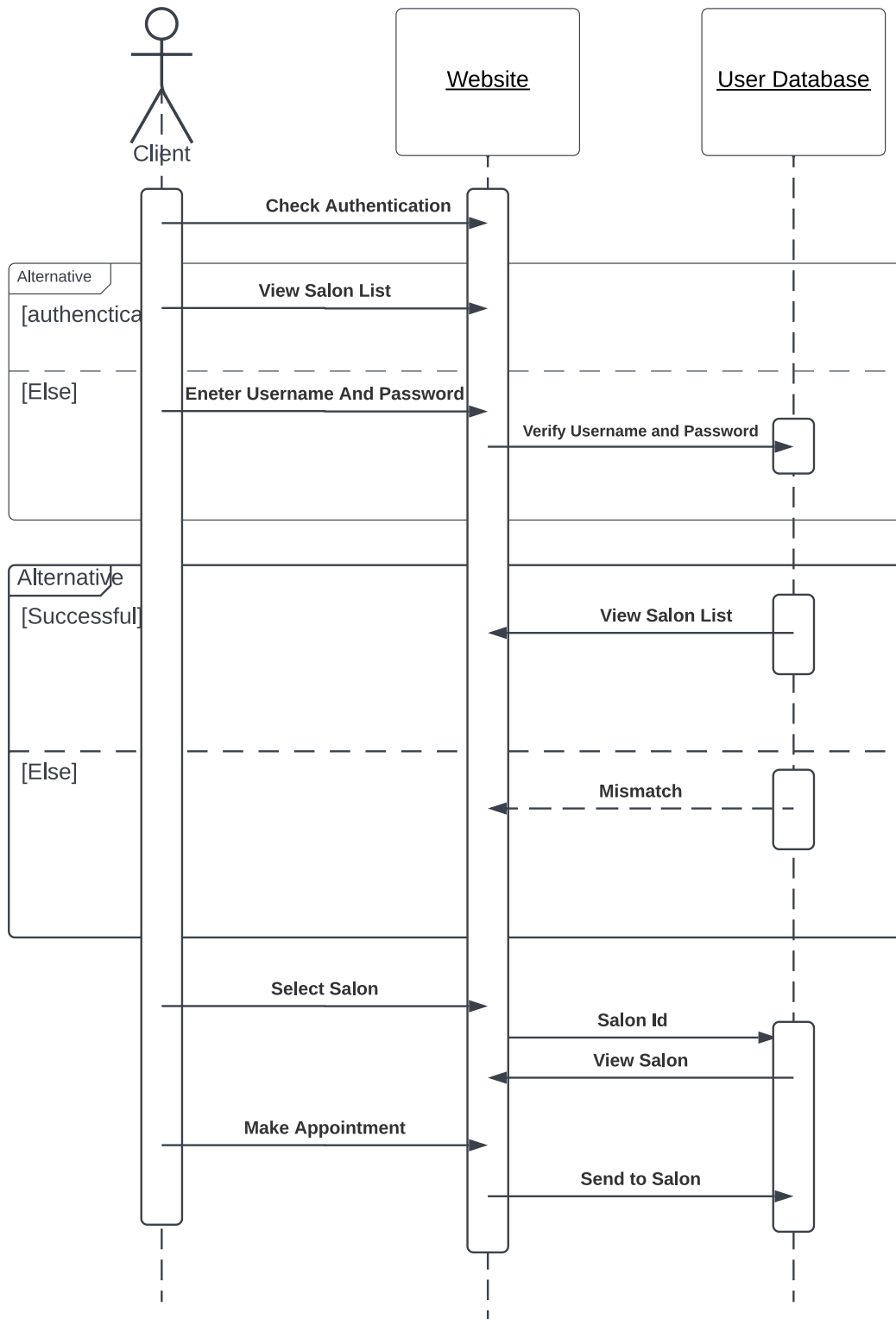


Figure: Sequence Diagram for Client

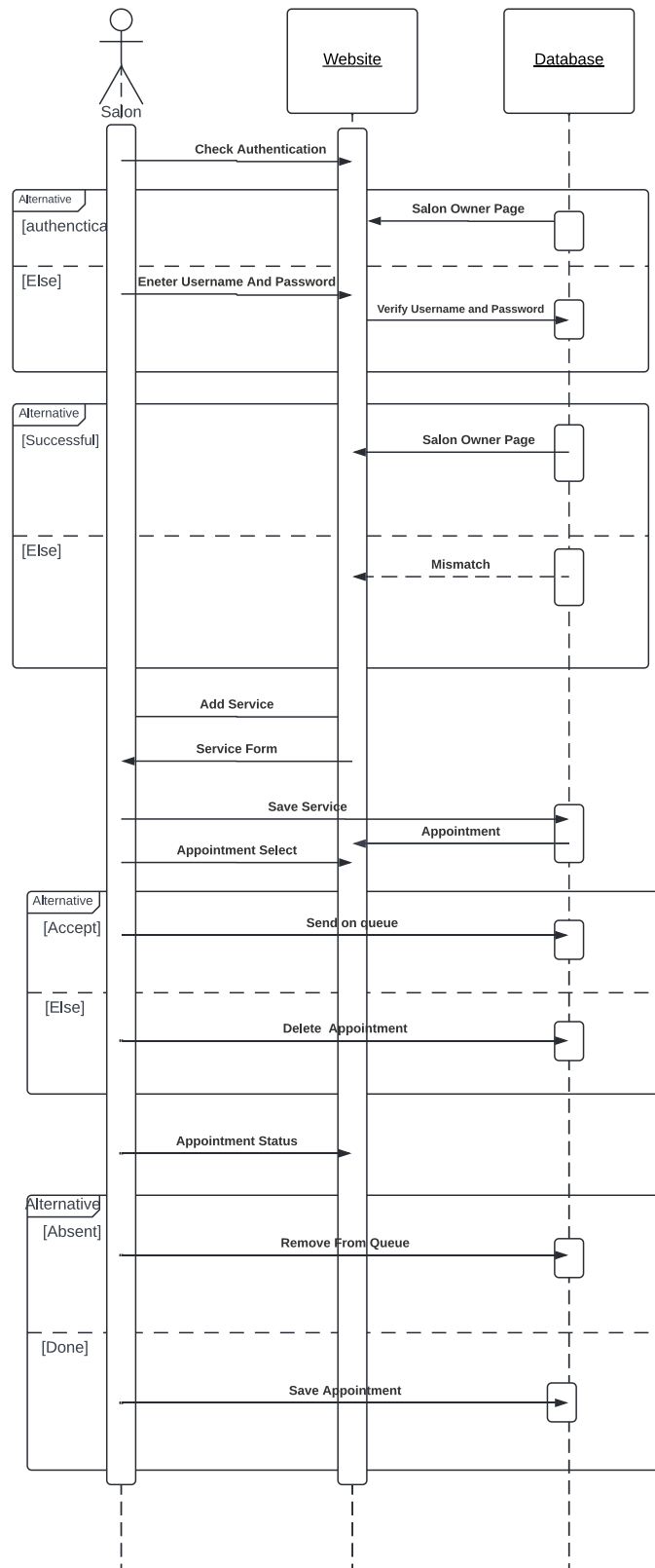


Figure: Activity Diagram for Salon Owner