
SOFTWARE REQUIREMENTS SPECIFICATION

ONLINE SALON BOOKING WEBSITE

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1 Introduction

1.1 Purpose

Modern businesses across the globe are using technology to increase efficiency and improve sales. In our country India too, many stores have started using software for managing their businesses. We see that most of the beauticians or salon owners in India are still not using any computerization in their functioning. Especially in this pandemic era there is a need to use such technology so that the public gain these essential grooming facilities at the safety of their own homes by booking online services as well as people working in salons or parlors are able to earn their incomes.

1.2 Project Scope

Our project is the development of an Online Salon Booking Website. It is designed and developed to make business management efficient and effective. Visiting a salon without prior appointment can keep you waiting in a queue and will take a lot of your precious time. To solve this we have developed an online salon booking website using PHP and MySQL. This website can be used by general public for booking salon services and have these services delivered to them in the safety of their homes by an experienced beautician or stylist or hairdresser depending on their needs. The users can easily access the system by registering themselves on the website.

2 Overall Description

2.1 Product Perspective

"Salon Booking Website" is a system curated with a perspective that anyone in their comfort of homes can book an appointment online in the salon avoiding the queues and experiencing fast-track services. Automating such module helps in saving time , generating accurate data , and life long storage of data , creating economic opportunities, giving a wide range of choices to users, and making a system that is user friendly.

2.2 User Classes and Characteristics

"Salon Booking Website" consists of users like salon workers and beauticians and general public.

2.3 Objectives

- Admin will be able to login into their accounts and add/manage the services of the users.
- Admin will be able to add a customer/user and also book appointment for the user for the services that they want.
- There would be a database containing data about the customers and salon service providers or workers as well as price details of all services.
- There would be centralised prices for services with transparency and also details of the salon services available.
- We will display bills/invoice of the purchase, have the facility of printing it and have cash on delivery mode of payment.

2.4 Product Functions

Salon Website consists of :

1. Dashboard
2. List of services available
3. Admin login
4. Profile tab
5. Contact us

2.5 Operating Environment

The website would be able to operate in any Operating Environment - Mac, Windows, Linux etc.

2.6 Design

Design consists of one main modules :

- Admin module

2.7 Project Workflow and Estimation of Cost and Efforts

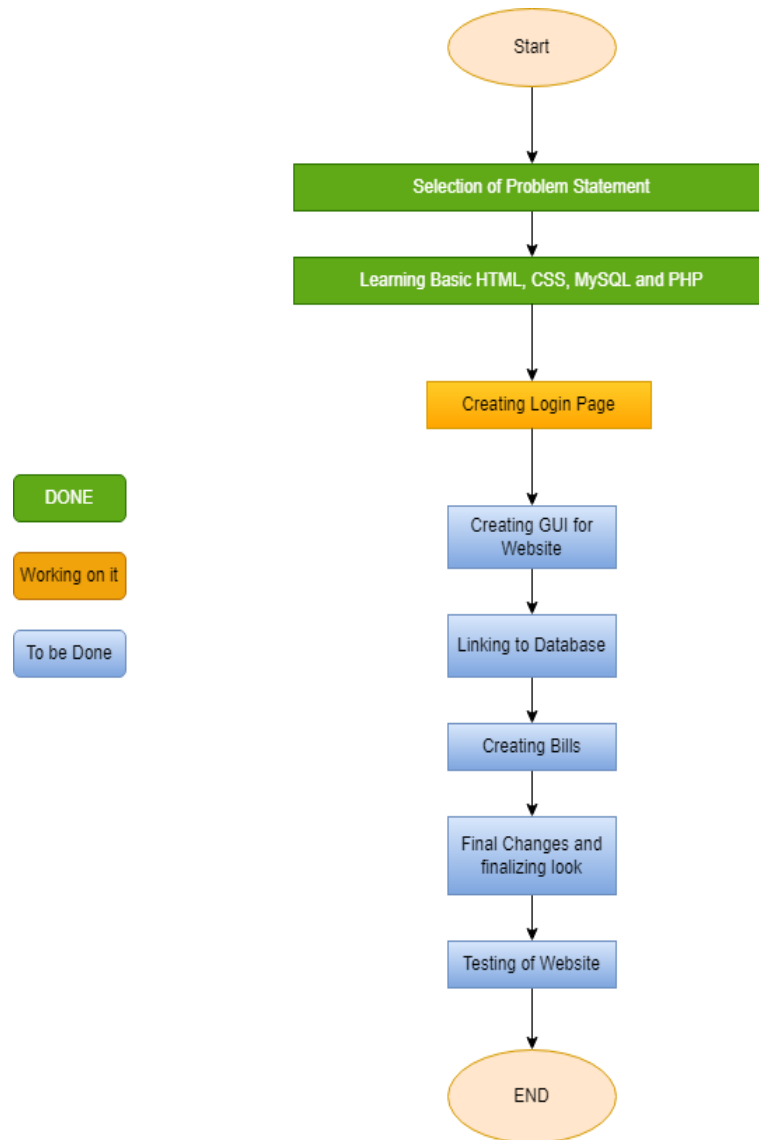


Figure 2.1: Workflow

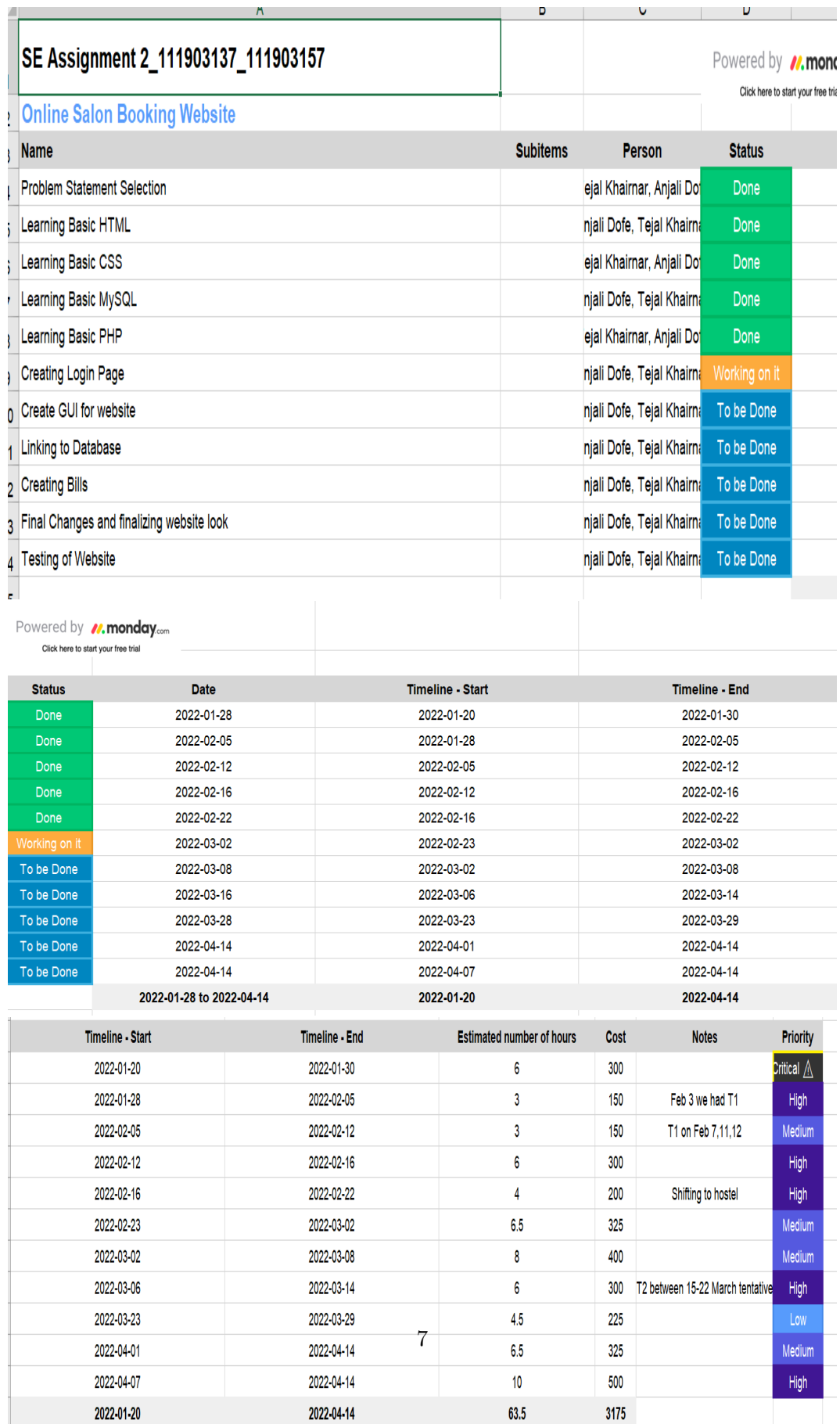


Figure 2.2: cost and efforts estimation



Figure 2.3: Gantt Chart

3 System Specifications

"Online Salon Booking Website" requires :

1. Ram : 4GB or more
2. Browser: Chrome, Firefox, etc.
3. Core : i5 or higher
4. WIFI or Mobile data

3.1 Functional Requirements

Functional requirements are :

Back-End - MySQL

Front-End - PHP, HTML, CSS

Database - MySQL

4 UML Diagrams

Unified Modeling Language(UML) is a general purpose modeling language. With the help of the following diagrams one can visualize how the system has been designed.

4.1 Class Diagram

Class diagram is a type of structural UML diagram. It is the most widely used UML diagram. This class diagram as shown in Figure 4.1 helps us identify relationship between different classes or objects in the Online Salon Booking Website.

4.2 Use Case Diagram

Use case diagrams are used to depict the functionality of the system. The use case diagram for Online Salon Booking Website is shown in Figure 4.2.

4.3 Activity Diagram

Activity Diagram is a type of Behavior diagram. Figure 4.3 illustrates the flow of control in Online Salon Booking Website system.

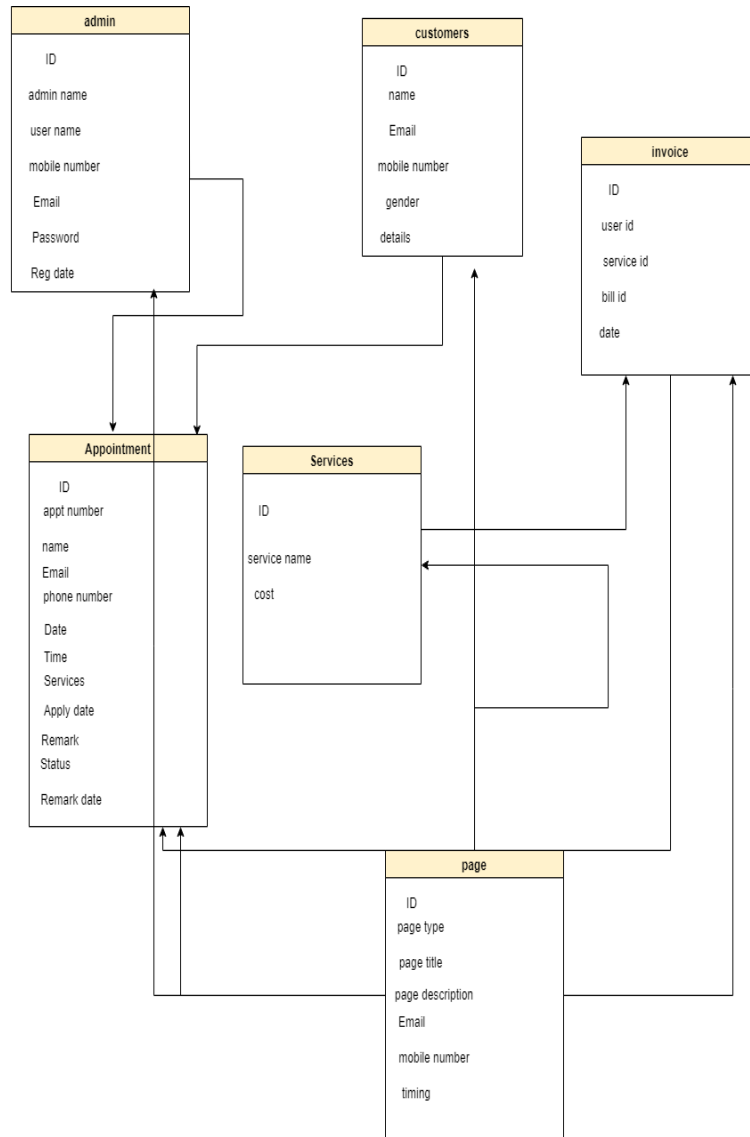


Figure 4.1: Class Diagram

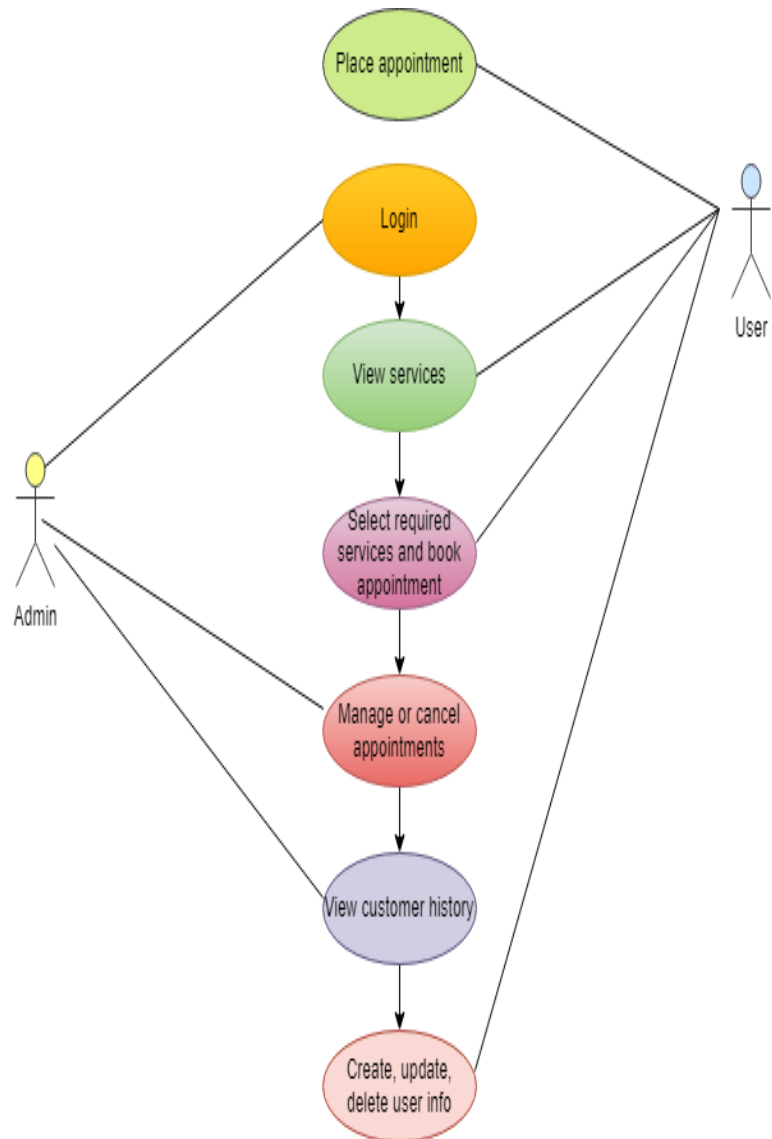


Figure 4.2: Use Case Diagram

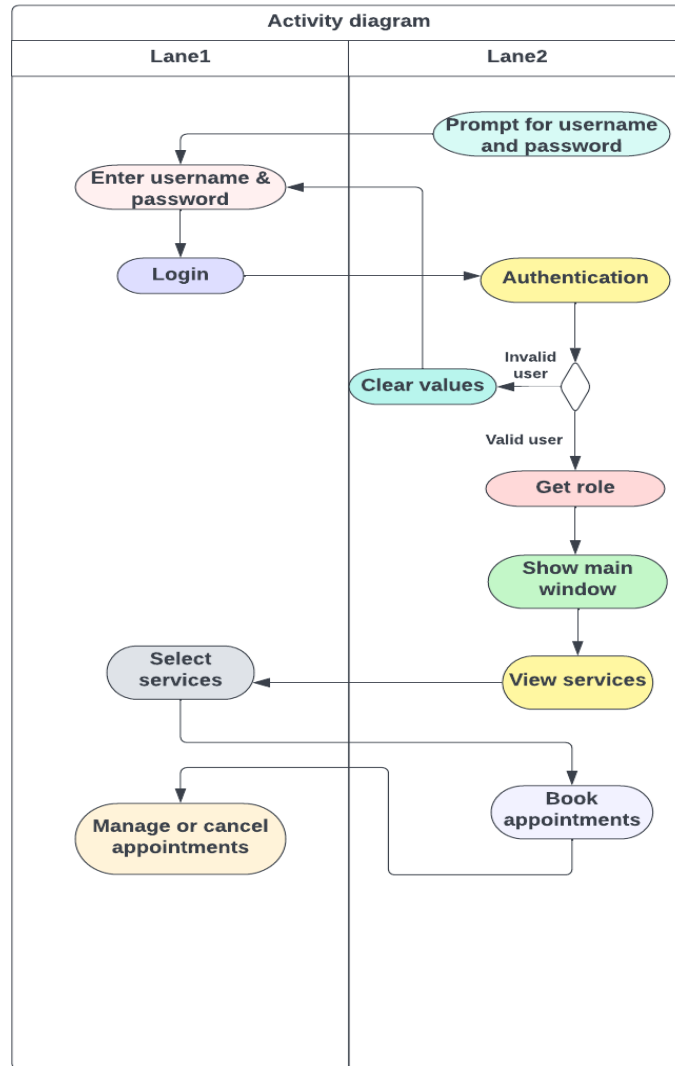


Figure 4.3: Activity Diagram

5 Regression Testing

Regression testing is a software testing practice that ensures an application still functions as expected after any code changes, updates, or improvements. Regression testing is responsible for the overall stability and functionality of the existing features.

Whenever a new modification is added to the code, regression testing is applied to guarantee that after each update, the system stays sustainable under continuous improvements.

Changes in the code may involve dependencies, defects, or malfunctions. Regression testing targets to mitigate these risks, so that the previously developed and tested code remains operational after new changes.

Generally, an application goes through multiple tests before the changes are integrated into the main development branch. Regression testing is the final step, as it verifies the product behaviors as a whole.

A	B	C	D
Test cases			
Successful test cases	Failed test cases	Attributes	Error
anjali_dofe@yahoo.com	anjali_dofeyahoo.com	Email Id	@ missing
tejal@gmail.com	213123523@5345		No alphabets
anjalidofe22	anjali	Password	Less Than Min. length
tejalkhairmar2001	tejalkhairmar		At least 1 number needed
After login page user should land in home page	After login if user lands in some other page other than home		
9876543210	12211244	Phone Number	10 digits needed
9870987987	as12345678		Only digits allowed
anjalidofe22	anjalidofe2	Confirm Password	Passwords not matching
09:00	23:00	Booking time	BookingTime b/w 09:00 to 21:00
12:00	00:00		
30/05/2022	03/01/2022	Date	Should be in present or future

Figure 5.1: Test Cases

6 Advantages and Disadvantages

6.1 Constraints

This online salon booking website is limited to a particular area and not covering locations worldwide.

6.2 Advantages

- As the system is fully automated, it does not require human efforts in calculating bill and maintain customer's detail.
- Also it maintains records of all the employees along with their salary information so there would be systematic way of payment.
- Saves efforts and time and it is cost-effective.

6.3 Disadvantages

- Requires large database.
- The admin has to manually manage the inventory section in the system like what item have been used or sold and what items are coming.

7 Future Scope and Help Manual

7.1 Future Scope

- To cover salons across the globe instead of a particular location.
- For users to have their own accounts to keep track of their bookings.
- To be able to integrate online payment facilities.
- To improve and enhance security of the website by authenticating users and salon workers.
- Enabling users to give feedback and ratings.

7.2 Help Manual

Users can run the project by following the below mentioned steps :

- Download source code files
- Copy the source code files folder and paste it into root directory of xampp i.e, xampp/htdocs (for wamp wamp/www, for lamp var/www/html).
- Open PHPMyAdmin (<http://localhost/phpmyadmin>)
- Create database with your choice of name
- Import the .sql file in that database on phpmyadmin
- Run the script <http://localhost/sharose> for frontend
- Credentials for admin login are: Username: admin Password: anjalitejal2001 (can be changed later as desired)