**Name Lovepreet Singh**

**ID**

**Title: Hospital Manager**

# Section 1- Project planning and design

## Task 1 - Identify the problem

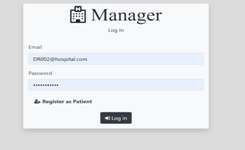
## Task 2 - Define and document requirements

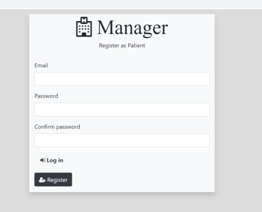
## Features

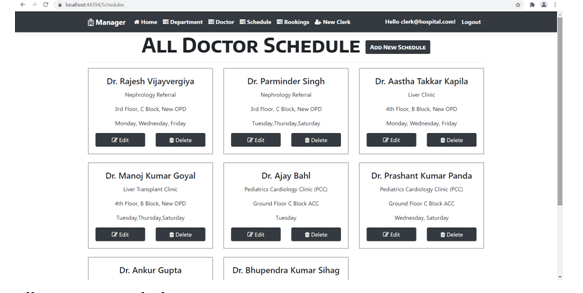
|  |  |
| --- | --- |
| Users | Functional |
| Clerk | * Login/logout * Register new clerk as well as new doctor in system * Clerk has more authority like to maintain all details of Department, doctor, doctor schedules and capable to view all booking registered online. |
| Doctor | * Login/Logout * Doctor capable to view his/her patient appointment * Login using valid credentials |
| Patient | * Login/Logout * Registered Patient capable to book their appointment with available doctor * Registered Patient can view all his/her previous or future appointment done by himself/herself * Login using valid credentials |
|  | Non- Functional |
|  | * High speed * Fast Loading time * High performance and security * All browsers compatibility. |

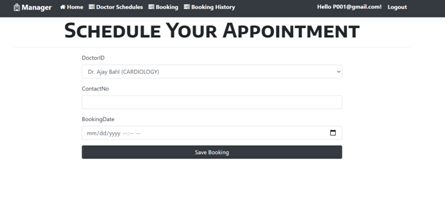
* Time- Total projected time to complete the project, including the schedule
* Cost -summary of total expenses to develop the software product, based on the calculated timeframe
* Project management-identify tools/processes/techniques to ensure you are going to stay on track and achieve the required outcomes.
* Risk management- Using a four-step risk management process, plan a strategy to manage risk effectively
* Assumptions if any
* Meet with the client to confirm the requirements

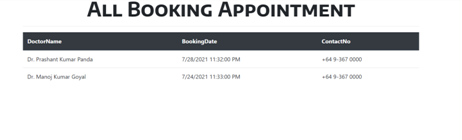
## Task 3 - Design mockups











# Section 2 – Project development

## Task 4 – Coding

Application in Project name folder

## Task 5- usability testing

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| User | Task 1  *Search the product* | Task 2  *Add product to the cart* | Task 3  *Create a user account* | Comments |
| *User 1* | *Completed* | *Couldn’t find the icon* | *Completed* | *The icon visibility was poor* |
| User 2 |  |  |  |  |
| User 3 |  |  |  |  |

## Task 6 - Meet with your client

Submit meeting form

# Section 3– Presentation and reflection

## Task 7- Presentation

In the project folder

## Task 8 - Software development life cycle stages

Review your Software development life cycle stages

* Planning
* Requirement
* Software Design and prototyping
* Software Development
* Testing

## Task 9- Project management

## Sharing my experience about the Real time project Development

# What I learned

It was the wonderful experience working on live project and now I am happy that I completed the project on time and learned many useful things like managing the project and database

# Limitations

Client was very specific about the things he was having in mind and I worked totally like that he told me his requirement I made the basic mockups and showed him in a meeting then we discussed about the table structure that we can use the website

# Difficulties

As full project was based on record keeping so I need to maintain the database more properly and use the quires of CRUD operation wisely. I managed to do with help of my teacher and then I completed that structure and really it was difficult part for me.

# Time

I took more than 30 days to complete my full project with testing and other things more time was consumed in development part as I completed designing in 10 days but development took long to complete.