**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

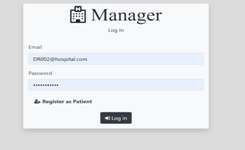
|  |  |
| --- | --- |
| Users | Functional |
| Clerk | * Login/logout * Register new clerk as well as new doctor in system * Clerk has more authority like to maintain all details of Department, doctor, doctor schedules and capable to view all booking registered online. |
| Doctor | * Login/Logout * Doctor 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. |

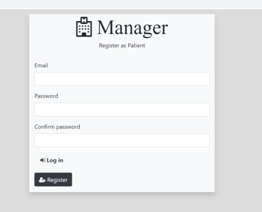
* Time- Total projected time to complete the project, including the schedule
* Cost -summary of total expenses to develop the software product, based on the calculated timeframe
* Project management-identify tools/processes/techniques to ensure you are going to stay on track and achieve the required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

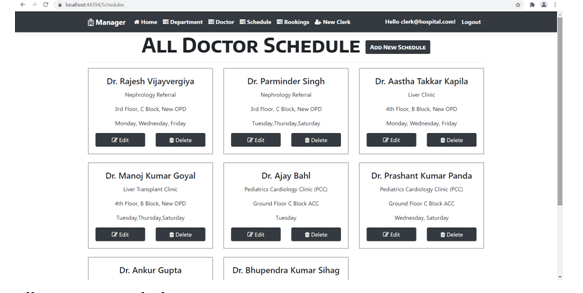
## Gantt Chart

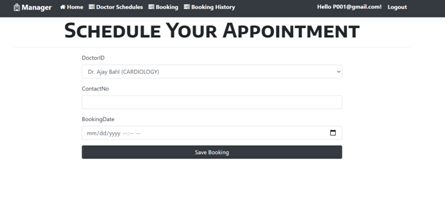
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Tasks** | **Week-1** | **Week-2** | **Week-3** | **Week-4** |
| Brainstorming and analysis |  |  |  |  |
| Planning and initial meeting Project Proposal document. |  |  |  |  |
| Database Design and UI Design |  |  |  |  |
| Identity framework implementation |  |  |  |  |
| Coding for admin and reporter |  |  |  |  |
| Testing |  |  |  |  |
| Final Documentation and closing |  |  |  |  |

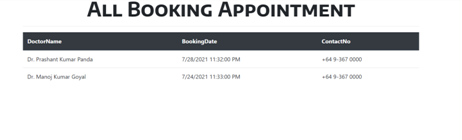
## Task 3 - Design mockups











# Section 2 – Project development

## Task 4 – Coding

Application in Project name folder

## Task 5- usability testing

The testing file for usability testing is attached as [usability test.xlsx](usability%20test.xlsx)

## Task 6 - Meet with your client

Submit meeting form

Client Meeting:

|  |
| --- |
| Meeting Details |
| * Date and time: 1-Nov-2021 * Location: New Zealand |
| Attendees: Developer Lovepreet Singh and Client Manjinder Singh |
| Agenda: Points to be covered in Hospital Manager |
| Discussion (Important Points): Login, Register , Doctor Schedule |
| My To Dos (Actions): Notes written of TO DO |
| Questions requiring Follow- Up: About adding Contact us something like as |
| Comments: Take care of managing data |
| Next meeting  Date and Time: 9- Nov-2021 10:00 am  Location: New Zealand  Agenda: Show Work Done |

**Appendix 3**

**Client Review Form**

My developer’sname: Lovepreet Singh

This form is intended to let you review the communication skills of your developer for this assignment. Your review will partly count towards their final mark. Do not take into account technical skills.

# Grading scale

You must grade your developer for each item listed in the tables below. 1 being the lowest, 5 the highest.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** |
| Strongly disagree | Disagree | Ok | Agree | Strongly agree |

# Review your developer

|  |  |  |
| --- | --- | --- |
| **Item** | **Grade** | **Comment** |
| Communicated clearly and effectively | 5 |  |
| Kept you informed of the progress | 4.5 |  |
| Met timelines | 3 |  |
| Responded promptly to problems | 5 |  |
| Met overall project objectives | 4.5 |  |
| Was open to new ideas and suggestions | 5 |  |
| Was easy to work with | 4 |  |

Comments

Provide any extra comments on your developer’s communication skills and professionalism.

It was Difficult work but he did it very well

## Signed by Client

|  |  |
| --- | --- |
| **Signature: Manjinder Singh** | **Date: 18-nov-2021** |
| **Name: Manjinder Singh** | **Title: Hospital Manager** |
| **Contact details (email/Tel):** | |

# 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.