

Project Title: weCare

Weekly Status Report

Theme: Healthcare management system

Teaching Assistant Name: Aman Sinha

Group number: 46

Date: 25-03-2022

Group members:

Name	ID
Purav Kansara	201901032
Varun Rathod	201901111
Yash Khanpara	201901252
Aditya Srivastava	201901265
Nilay Patel	201901281
Shubham Kevadiya	201901284

Brief summary of work done during the week:

Shubham (Project Leader)

- Guided on requirement gathering and distributed workloads among group members.
- Gave high-level view of website's content and briefly described functionalities like doctor and patient portals.
- Documented idea of developing Career portal to hire new doctors according to the department wise needs.
- Proposed standards to be followed throughout the project and estimated working hours.
- Prepared Weekly Status Report.
- Scheduled milestones and estimated total time of work.

Varun (Team Member)

- Prepared Functional requirements pertaining to the doctor's point of view.
- Talked to a home doctor (personal doctor) , which helped a lot in building functional requirements from a doctor's point of view which will help us to build a system more convenient for both doctors and users.
- Listed down hardware and software requirements of the site to be developed.
- Created github-repository and committed proposal of the project.

Nilay (Team Member)

- Prepared functional requirements pertaining to the patient's point of view.
- Visited different hospitals nearby, to understand the requirements of different kinds of patients.
- Visited different laboratories.
- Graph representation of Blood pressure, pulse rates and other lab-tests were proposed.

Aditya (Team Member)

- Prepared functional requirements pertaining to registered users portal.
- Online and offline consultation functionalities were suggested and documented by Aditya.
- Visited a medical shop to learn about stock management and ordering of drugs below threshold value.
- Talked to a chemist on inventory management.
- Gathered health and wellness articles.

Yash (Team Member)

- Prepared non-functional sites to check security and scalability aspects.
- Proposed different data models and user interface for patient and doctor portal.
- Milestones and their estimated work-hours were set.
- Functional requirements of pharmacy page were listed to manage the drugs inventory.
- Prepared nonfunctional requirements considering factors like capability, durability, availability.

Purav (Team Member)

- Prepared few objectives by considering different types of healthcare management systems.
- Suggested the idea of putting functionality to book lab test for patients.
- Searched some articles on healthcare management systems.
- Past experience of visiting the hospital was used to add functionalities on patient's portal.
- Functionalities to add covid-care page including vaccination and RT-PCR were suggested.

Time Spent:

Shubham	11 hrs
Yash	11 hrs
Nilay	11 hrs
Purav	11 hrs

Aditya	11 hrs
Varun	11 hrs

Plan for the next week:

Shubham	Pre-development planning and UML data modelling
Yash	Designing a front-end solution
Nilay	Entity-Relation and Class Diagram Generation
Varun	Use case and Sequence Diagram
Aditya	Generating sprints and backlog in tiaga
Purav	User stories and Epics generation

Total time spent till now: 25 hrs

Estimated total remaining time: 65 hrs

Status with respect to the project management report: As per Plan