**Software Requirement Specification for Health Card**

Objective:

To develop such a facility that improves day to day medical transactions. By developing health card, card holder can check health history and reports which can helpful to a health card holder. Among that while visiting medical facilities which could be government or private, by using this health card, facilities can retrieve health data of that card holder and proceed further for the treatment. With this use of health card, doctors can diagnose the patient easily and conclude the decision.

Type of Users: -

1. Doctor
2. Patient
3. Pharmacist
4. Laboratorian
5. Admin

**Functional Requirements: -**

Doctor: -

D1. View Previous health reports

Description: Doctor shall check health reports and health statistics of the patient.

Input: User Selection

Output: Displays Selected Health report and statistics

D2. Write a Prescription

Description: Doctor shall write a Prescription of a medicine for the required treatment.

Input: Prescription

Output: Generation of a Prescription

Patient: -

P1. Manage Health Reports

Description: Patient can view health reports as well as update them and delete them.

P1.1 View Health Reports

Input: User Selection

Output: Displays Health report

P1.2 Add Health Report

Input: Report Selection

Output: Prompts whether report is submitted or not.

P1.3 Delete Health Report

Input: Report Selection

Output: Prompts whether report is deleted or not.

P2. View Prescriptions

Description: Patient can view Prescription written by Doctor

Input: User Selection

Output: Displays selected Prescription.

P3. Area wise disease search

Description: Patient can see disease status, the rate of by filtering areas

Input: Area name

Output: Disease rates and statistics

Laboratorian: -

L1. Add Lab Report

Description: Laboratorian shall add lab reports of patient to report Tab.

Input: Report Selection

Output: Prompts whether reports added or not.

Pharmacist: -

Ph1. View Patient’s Prescription

Description: In order to give medicines to patient, Pharmacist shall view Prescription written by doctor.

Input: Prescription Selection

Output: Displays selected Prescription.

Admin: -

A1. Authorize/Block Users

Description: Admin can authorize users i.e. Doctors and Pharmacists whether they are government authorized or not, if so Admin can have verified them on platform else block them.

Input: Admin selection for the user

Output: Updated Status of the selected user.