**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 be 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

D3. Add Health Report

Input: Report Selection

Output: Prompts whether report is submitted or not.

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 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. Verify 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.

Input: Admin selection for the user

Output: Updated Status of the selected user.

A2. Issue Health Card

Description: Admin shall issue for the health card for the given cardholder. Health card can be only issued if and only if the given cardholder information is valid and verfied.

Input: Admin Selection

Output: Selected application get issued for the health card.

A3. Manage Health Card data

Description: Admin shall manage the health card data if the data has changed for the given cardholder, it should reflect in Health card data.

A3.1 Update data

Input: Cardholder Information

Output: Prompts whether the data is updated or not.

A3.2 Delete data

Input: Cardholder Information

Output: Prompts whether the data is deleted or not.