

SOFTWARE REQUIREMENT SPECIFICATION

FUNCTIONAL REQUIREMENTS

Registration

SRS01 - Add patients

This system shall allow to add new patients along with their information

SRS02 – Assign ID

This system shall assign each patient a ID and add it to the patient's record. The ID shall be used by the patient throughout the consultation

Consultation

SRS03 – Assign a place

The patient can either be assigned a location or can choose a place of their preference for consultation.

Medical Matter Management

SRS04 – Assign doctor

This system will assign a doctor for the patient or the patient can choose a doctor from the list of available doctors

SRS05 – Inform doctors

This system will inform the doctors regarding the patient and the place of consultation

SRS06 – Generate report

This system will generate the report regarding the patients record

SRS07 – Record procedure

If required the whole treatment procedure for the patient can be recorded by the system

SRS08 – Delete patient ID

The data and ID of the patient will be deleted once the consultation or treatment procedure has been completed

Report Generation

SRS09 – Patient information

During the course of consultation or treatment, reports will be generated on patient about the following :
patient name, patient id, doctor name, treatment given etc...

Database

SRS10 – Patient Mandatory Information

Each patient shall have the following mandatory information:
first name, last name, phone number, personal health number, address, postal code, city, country, patient identification number.

SRS11 - Update Patient Information

The system shall allow the user to update any of the patient's information as described in SRS10

SRS12 - Search for Patient

The system shall allow the user to search for patient's information by last name or PHN or patient ID.

SRS13- User tutorial

The system shall provide with a small tutorial to the user on how to register, how to book an appointment etc...

SRS14 - Update doctor Information

The system shall allow the user to update any of the doctor's information and also confirms the identity of the doctor.

Performance Requirements

SRS15 - Response Time

The system shall give responses immediately after checking the patient's information.

SRS16 - Capacity

The System must support several people at a time.

SRS17 - User-interface

The user-interface screen shall respond in a minimum time.

SRS18 - Conformity

The systems must conform to the guidelines.

Maintainability

SRS19 - Back Up

The system shall provide the capability to back-up the Data

SRS20 - Errors

The system shall keep a log of all the errors.

SRS21 - Availability

The system shall be available all the time.