

# Software Requirements Specification (SRS) Document

Team 36

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## **Brief problem statement**

Create a mobile application based on the Amita care website, ie, <https://www.amitacare.com/>.

The user should first log in/Register with his credentials.

The user can get a preliminary diagnosis

s based on his symptoms using the Knidian (Symptom Checker) AI

Our app allows the user to book a therapy session, choose the Therapist/Doctor by looking at profiles of all the available doctors, and choose the one best suited for their needs.

If the user has provided his ABHA number at registration , his preliminary diagnosis and appointment are added to his medical history stored in the government database

## **Users profile**

1. Patients: The patients using the app can get a preliminary diagnosis, and book an appointment with their preferred doctor
2. Doctor: the doctors can use this to check their patient's medical history so that they can plan a session that helps them best. Moreover, whenever a client books a session

## **Project Modules**



### User Interface Module:

This module will provide a user interface for the patients to enter their symptoms and get a preliminary diagnosis. It will also allow users to schedule an appointment with a doctor.

### Features :

- Login/registration (R1)
- Book an Appointment(R1)



### Symptom Checker Module:

This module will provide the core functionality of the app, which is to diagnose the symptoms based on the user's input. It will analyze the user's symptoms and compare them to a database of known illnesses to generate a list of possible diagnoses.

### Features :

- Knidian Symptom checker(R1)



#### Database Module:

This module will store the database of illnesses, including their symptoms, causes, and treatments. The database will be used by the Symptom Checker module to diagnose the symptoms. (R1)



#### Appointment Scheduler Module:

This module will allow patients to schedule appointments with doctors. It will check the availability of doctors and clinics and provide the user with a list of available times.

##### Features:

- Checking doctors& patients calenders (R2)
- Confirming Booking via email(R2)



#### Doctor Module:

This module will provide information about the doctors who work with the app. It will store their names, contact information, specialties, and availability.

##### Features

- Info about doctors(R1)



#### User Profile Module:

This module will store user data such as name, contact information, and medical history.

##### Features :

- User Profile – automatically updates when a new appointment is booked(R2)