**Project Title: Medicine Reminder System**

**Introduction:**

**Purpose:** The purpose of a medicine reminder system is to remind individuals to take their medication at the appropriate times, as prescribed by their healthcare provider. The goal of this type of system is to help individuals improve their medication adherence, which refers to the extent to which a person takes their medication as prescribed by their healthcare provider.

**Scope:** In terms of population or user group, the scope of a medicine reminder system include:

* Individuals with chronic conditions who need to take medication on a regular basis
* Elderly individuals who may have difficulty remembering to take their medication
* Individuals with cognitive or memory impairments
* Caregivers of individuals with chronic conditions or memory impairments
* Individuals who are taking multiple medications with complex dosing schedules

**Functional Requirements:**

* The Web app allows users to set reminders for taking their medicine and receive notifications at the appropriate times.
* Users will be able to input and store information about their medications, including name, dosage, and frequency.
* The Web app allows users to schedule recurring reminders for taking their medicine.
* The Web app allows users to view and edit their reminders.
* The Web app allows users to view and edit their medication information.
* The Web app has a feature to add doctor's information and the ability to integrate with telemedicine.
* The Web app allows users to view and edit their medication history.

**Non-Functional Requirements:**

* The Web app has a simple and intuitive user interface that makes it easy for users to set and manage reminders.
* The Web app has a responsive design that works well on both desktop and mobile devices.
* The Web app is secure and protect users’ personal information.
* The Web app uses secure authentication and authorization mechanisms.

**Software Tools:**

**Database:** MongoDB.

**Client:** Any web browser.

**Programming Languages and Dependencies:**

* **Front-End:** Html, CSS, React.js, JavaScript.
* **Back-End:** Node.js, Express.js.

**Deployment:** Operating System Server (All type of Operating System).

**Hardware Specifications:**

* **Processor:** Any processor that supports current version of web browsers.
* **RAM:** 2GB and above.
* **Hard Disk:** 32 GB and above.