

Medi-Assist

Introduction

In this fast-paced lifestyle, individuals often encounter challenges in remembering and follow their prescribed medication. For certain individuals, the consistent intake of daily medicines is necessary for maintaining their health, and any omission may have a significant impact on their health. Additionally, some may experience uncertainty regarding whether they have already taken a particular medication, leading to potential double-dosing and adverse effects.

To address these issues, the development of a mobile application specifically designed to monitor and manage medication intake becomes essential. By user-friendly interfaces, the application would offer timely reminders and notifications to prompt users to take their medications as per the prescribed schedule.

Proposal

To create a medicine reminder mobile application to help patients take their medicines from time to time. The aim of this mobile application is to improve medicine adherence, reduce the risk of missed doses and enhance overall patient health and well-being. Our application interface design will be user-friendly and easy to navigate. One can create an account by simply providing their email address or mobile number and make use of this application. Multiple user accounts can be managed in the same application on the same mobile.

Some of the features of our application includes:

- Personalized medication schedules
- Previous medicines history
- Dosage instructions and quantity
- Allows to select the user the type of the medicine like injection, syrup, drops, pill and so on
- Our application offers various tracking options like mark off medications as taken, snooze the reminder with custom time settings and cancel the medication.
- The number of days of the medication can also be selected which provides an alert when we are running out of stock.

We provide a separate interface for **Doctor login** and **Patient login**. With the help of user ID, doctors can directly enter the medicines, dosage and other instructions related to the medication and this data will be directly available in the patient account.

Extended Features

- The data can have a backup in cloud storage which can be made end to end encrypted and solves all the privacy concerns.
- Can collaborate with doctors for medicine related queries.
- Can implement this application for the use of illiterate people.