

Medicine

Reminder

WE CARE ABOUT YOUR WELLBEING



PROBLEMS AT HAND

- Tendency to forget to take our medicines on time
- People with busy lifestyles are not able to keep a track of the dosage of medicines
- Old people tend to lose track of time.
- The task of keeping a list of all the medication

PROBLEMS AT HAND (contd.)

- The Centers for Disease Control and Prevention (CDC) estimates that non-adherence causes 30 to 50 percent of chronic disease treatment failures and 125,000 deaths per year in this country.
- Twenty five to 50 percent of patients being treated with statins (cholesterol lowering medications) who stop their therapy within one year have up to a 25 percent increased risk.



INTRODUCTION

Medicine encompasses a variety of health care practices evolved to maintain and restore health by the prevention and treatment of illness. Sticking to your medication routine (or medication adherence) means taking your medications as prescribed – the right dose, at the right time, in the right way and frequency. Why is doing these things important? Simply put, not taking your medicine as prescribed by a doctor or instructed by a pharmacist could lead to your disease getting worse. Thus, medication adherence is an important part of one's well being.

The IDEA !



We introduce to you,
Medicine Reminder!, the one
app that keeps a track
of the medications you
are on and reminds you
when you need to take
your medicines,
irrespective of wherever
you are

THE PRODUCT



Medicine Reminder! is an app that stores a list of all the medicines you need to take, how many times a day you need to take them, and for what period of time you need to keep having them. All that you need to do is enter the details of your prescription just once and rest all will be taken care of by this app.

TARGETED CROWD



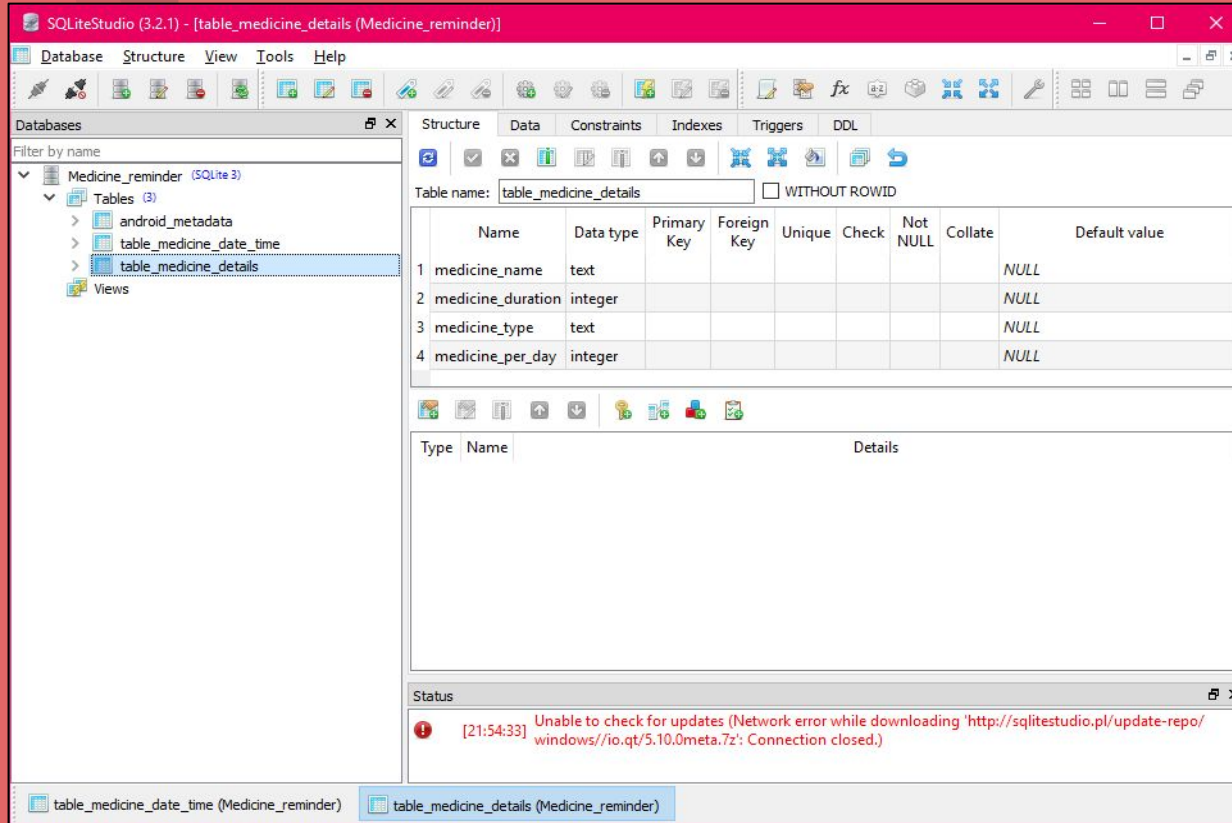
- ❖ Old People
- ❖ Those who rely on nurses and servants for thier medication reminders
- ❖ People with very active and busy lifestyle.
- ❖ People who are not used to following up on medicines often.

How it works



- The code is written in Java, over Android Studio.
- SQLite has been used as the backend database management system. (It comes compiled with Android studio and in exists by default in all android devices).
- The user interface allows a user to give the name, dosage and prescription duration and the application reminds the user accordingly.
- The application also allows the user to edit as well as update the medicine information post the reminder creation.

The Database



```
CREATE TABLE
table_medicine_details (
medicine_name TEXT,
medicine_duration INTEGER,
medicine_type TEXT,
medicine_per_day INTEGER
);
```

The Database



SQLiteStudio (3.2.1) - [table_medicine_date_time (Medicine_reminder)]

Database Structure View Tools Help

Databases

Filter by name

- Medicine_reminder (SQLite 3)
 - Tables (3)
 - android_metadata
 - table_medicine_date_time
 - table_medicine_details
 - Views

Table name: table_medicine_date_time ☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Default value
1	medicine_name2	text							NULL
2	medicine_date	text							NULL
3	medicine_time	text							NULL
4	medicine_taken	integer							NULL

Type Name Details

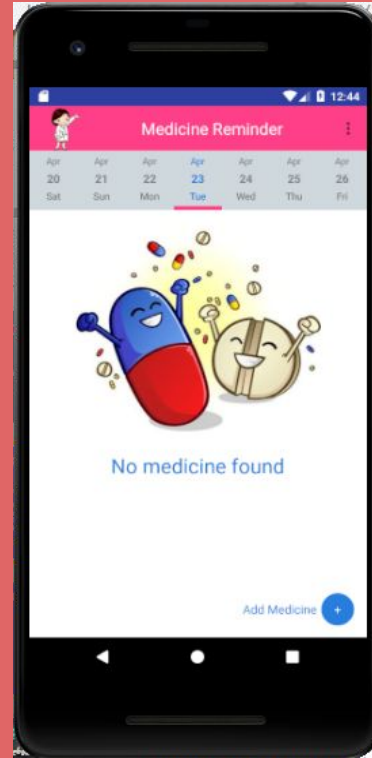
Status

[21:54:33] Unable to check for updates (Network error while downloading 'http://sqlitestudio.pl/update-repo/windows/io.qt/5.10.0meta.7z': Connection closed.)

table_medicine_date_time (Medicine_reminder) table_medicine_details (Medicine_reminder)

CREATE TABLE
table_medicine_date_time (
medicine_name2 TEXT,
medicine_date TEXT,
medicine_time TEXT,
medicine_taken INTEGER
);

The Application



Adding a New Medicine

The image shows a smartphone screen with a form titled "Add Medicine". The form has the following sections:

- Medicine name:** A text input field containing "Cetirizine".
- Schedule:** A section with three buttons: "Twice a day" (pink), "3:30 PM" (teal), and "9:30 PM" (teal).
- Start date:** A pink button displaying "Apr 23, 2019".
- Duration(days):** A section with a minus button, a text input field containing "5", and a plus button.
- Medicine Type:** A label above a pink "Submit" button.

The status bar at the top shows the time as 12:47.

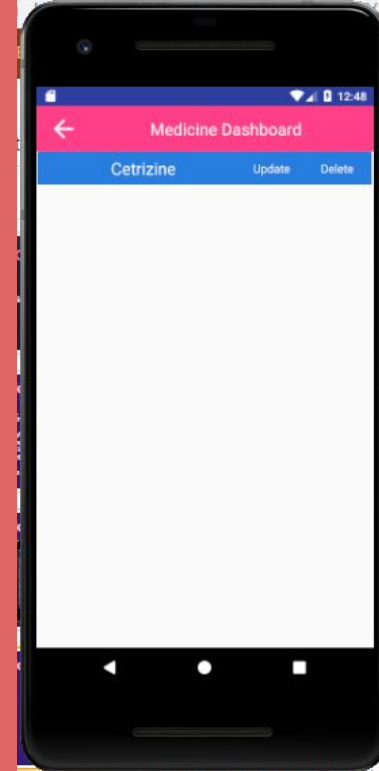
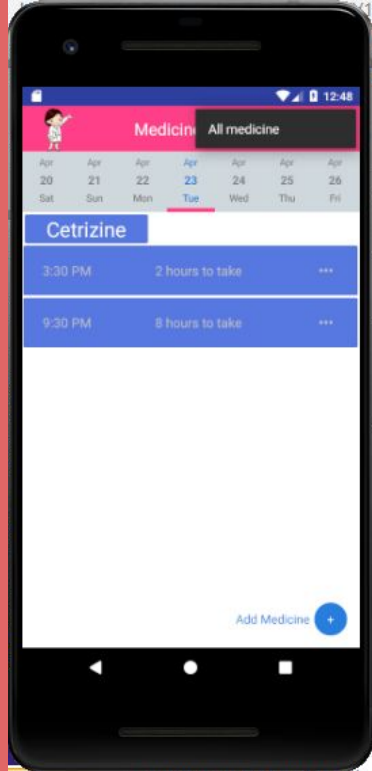
The image shows the same smartphone screen as the previous one, but with a date picker overlay. The date picker is for April 2019 and shows the date "Tue, Apr 23" selected. The background form is dimmed.

The date picker overlay includes:

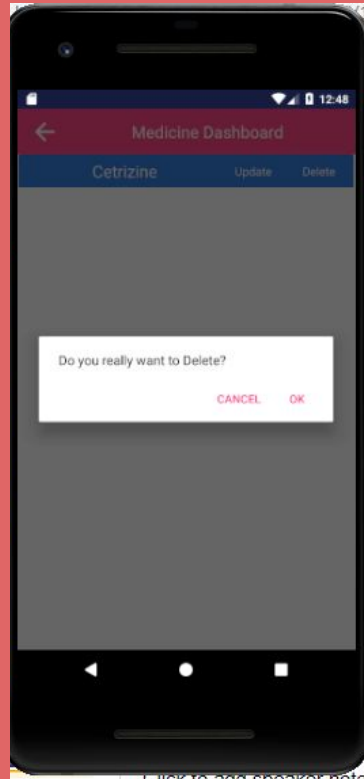
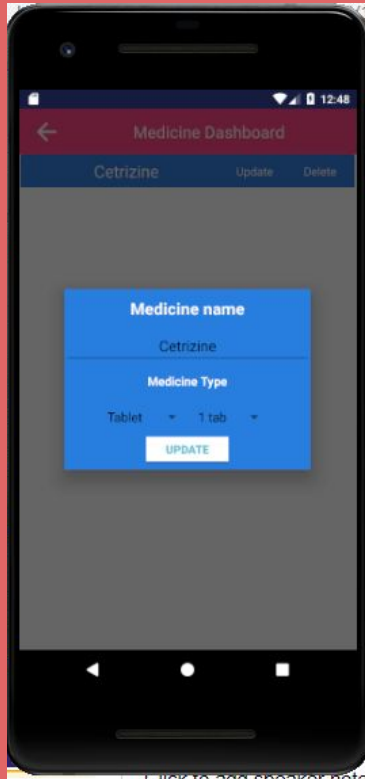
- A header showing "2019" and "Tue, Apr 23".
- Navigation arrows for previous and next months.
- A calendar grid for April 2019.
- Buttons for "CANCEL" and "OK".

The status bar at the top shows the time as 12:46.

Viewing the Medicines



Editing the Medicines



WHAT NEXT ?!

- A login activity that allows multiple users to track their medicine needs using just one device.
- Getting a wider database that provides information about the entered list of medicines
- Extension: A period tracker maybe put in order to assist women in tracking their cycles.

The Team

A bunch of people (amongst many) helping with healthcare!



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Thank
you