Android Medication Reminder Mobile App Development Proposal

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Introduction

The advancement of technology has made mobile devices a part of us, which means that more than ever before are at our fingertips. Because we can reach new worlds in seconds by pressing a button on screen or swiping left/right.

This development has increased the functionality of mobile devices (cell phone, handheld computers etc.), so people have started to use them more than ever before. They use mobile devices to facilitate their lives and to help their business like calendar and notes apps. In this project, our goal is to create an app that helps people to monitor their medicine use, that is, make their life easier.

Project Detail

When people get sick, they have to take care of themselves by going to a doctor, taking medicines and getting proper nutrition with a balanced diet. The doctors give them some instructions on how to consume medicine and they want to receive information about measurements like blood pressure, heart rate. Sometimes people forget to take their medicine and measure their blood pressure.

In this project, our main goal is to help patients with some specific actions to monitor their health. Let's explain a bit about the operations. We want to remind patients when they have to take medicine with push notifications. For example, they can register a medicine that has to be consumed and can see the remaining amount of it. The application will send a notification close to the end of the package of pill or drug and If the patient wants, they will be able to see the nearest pharmacy on google maps. They can also add doctors or appointments. When the appointment date comes close, push notifications also remind patients that they have an appointment with a doctor.

If we talk about the technical background of our application, we use two different features of android, one of them using google maps service to show patients the nearest pharmacy. The other one is push notifications to remind the patient that they have to be aware of if the medicine amount is about to come to an end or appointment date is close. We use SqLite to register user profiles, doctors, medicines or appointments to our local database.