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Treatment Reminder

Description

Treatment Reminder will Help People To Take The treatment is

The date and time he choose it

Intended User

The user who forgot to take the medicine or treatment in time

Features

List the main features of your app. For example:

- Pick The date and Time for specific time
- Send notification in time
- Display all treatment
 - Simple ui for the old people for simple use
 - App will send notification even is booted

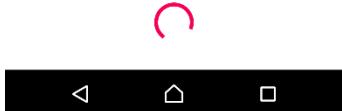
User Interface Mocks

Splash Screen - Animation

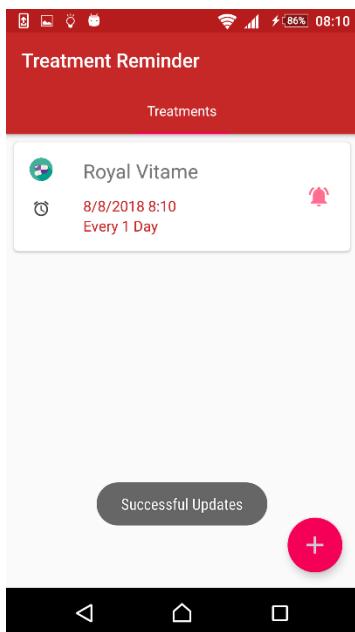
 This screen for animation logo and getting data from database



Widget

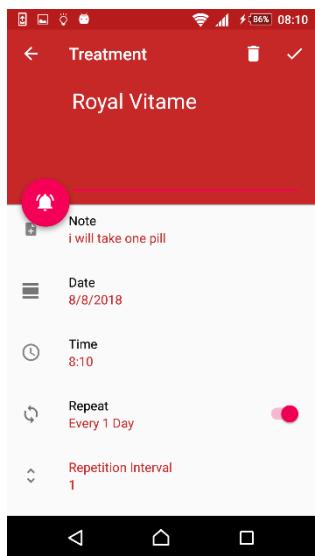


Reminder Screen - display Reminders



This screen we will use it to add reminders ,edit it ,remove it by swap right or left

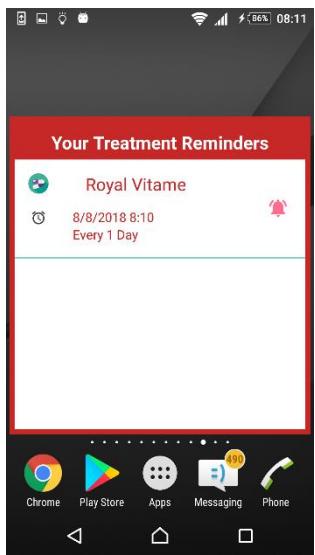
Edit Screen - edit Reminders



This screen for choose time and date and the type of repetition

And to put the notes and to change the name or delete reminder

Widget



Widget allows user to see and edit reminders directly from the home screen.

Key Considerations

- App is written solely in the Java Programming Language
- App keeps all strings in a strings.xml file and enables RTL layout switching on all layouts, and all layouts designed to can use by strings.xml only RTL
- How will your app handle data persistence?
- App includes content descriptions for iamges, and use navigation using a D-pad for Tv
- We Will Use such as data persistence
- By Room Lib Version of **1.1.1**
- We Will Use admob , services and location of Google Services
- By
- **play-services-places**
- , **play-services-location**
- , **play-services-ads**
- **Version of 9.8.0**
- We Will Use Picasso lib for Image processing
- **Version of 2.71828**
- We Will Use ButterKnife lib For Binding data
- **Version 8.8.1**
- We Will Use Material-Values lib For User Values of Material Design
- **Version of 1.1.1**
- We Will Use Supports lib For card,recycler,constraint,support v13,...
- **Version of 26.1.0**
- Describe any corner cases in the UX.
- Since the app will use alarms for scheduling push notifications, the alarms will need to be rescheduled if the user restarts their device
- Describe any libraries you'll be using and share your reasoning for including them.
- Room for the database to store and retrieve data created within the app

Next Steps: Required Tasks

This is the section where you can take the main features of your app (declared above) and decompose them into tangible technical tasks that you can complete incrementally until you have a finished app.

Task 1: Project Setup

Before I begin developing my app, I'll first need to add Room as a dependency in my app's build.gradle file. Once I have Room available, I'll be able to save and retrieve the data users will be creating in the app.

Task 2: Implement UI for Each Activity and Fragment

- Build UI for MainScreenActivity with Fragment have Recycler View
 - Implement FloatingActionButton to add reminder
 - Implement Recyclerview that displays the reminders
- Build UI for AddTreatment Activity
 - Implement UI control to select one or many days of the week
 - Implement UI control to select a time
 - Implement a dialog for type note about will do
 - Schedule alarms with AlarmManager for the date set by the user to send notification

Task 3: Handle Corner Case

If the device is restarted, the scheduled alarms must be rescheduled so that users can be notified via a service. I will register a receiver in the manifest to listen for when the phone is rebooted to achieve this.

Task 4: Setup Asyan tasks , Services , BroadcastReceiver

AsyanTasks: For database transaction such add reminder select,add,update

Services : for widget , alarm to send notification ,services to when boot device calculate and
Send notification via AlaramManger

BroadcastReceiver : when boot device we need to start the service so will user broadcast to do it and when place changed we will send notification via broadcast

Stage 2 - Build: Overview

In the second stage, app widget is added to the project to display the reminders and admob is also implemented. App uses internet to access admob and also location services and places

To send notification to user when leave home to reminder him to get his treatment with him
