

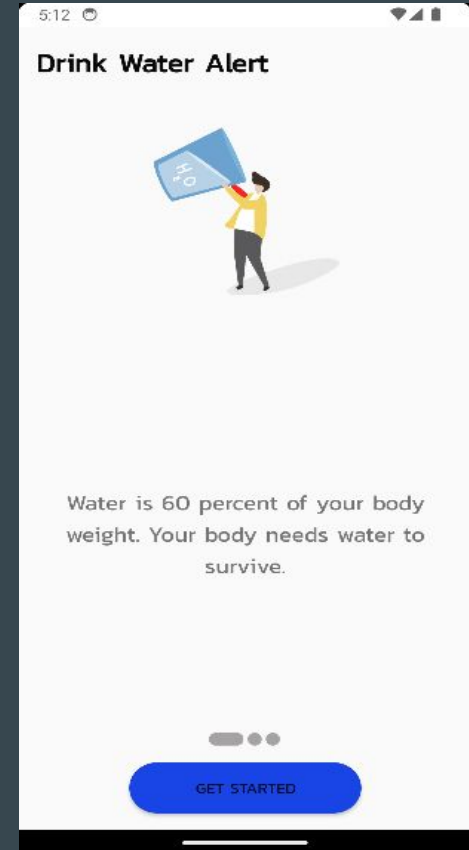
# Water Reminder Alert



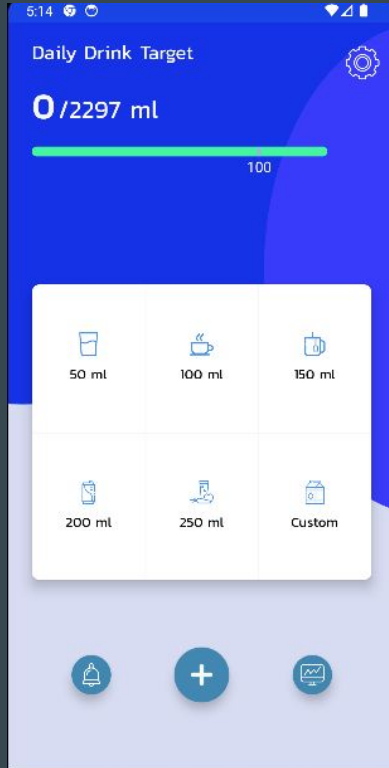
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# About the App

Water Reminder Alert is an excellent app to support health. With a busy schedule, it is difficult to remember to stay hydrated, this app is here to assist!



# About the App

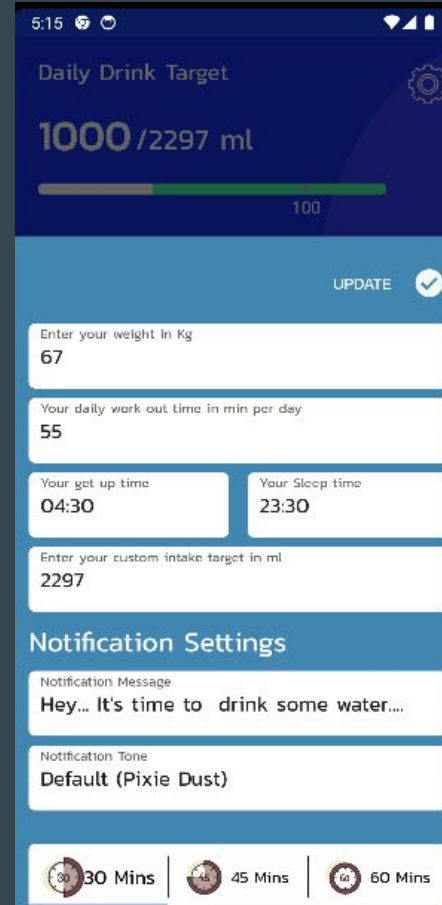


This app primarily functions as a water intake tracker, ensuring you drink enough water regularly. By simply selecting your gender and entering your weight, the app calculates your daily water intake requirement. Additionally, it tracks your water consumption history, helps you achieve your daily hydration goals, and unlocks achievements as you progress.

So you can take it as a challenge!

# Development Features

- **User Friendly Interface.** The app features a visually appealing design, making it easy to navigate and use.



# Development Features

## - Personalized Hydration

**Recommendations.** Based on a person's gender and weight, the app calculates and informs you of your ideal daily water intake.

5:12

CONTINUE →

Please provide some information to customize the experience for you...!!

Enter your weight in Kg

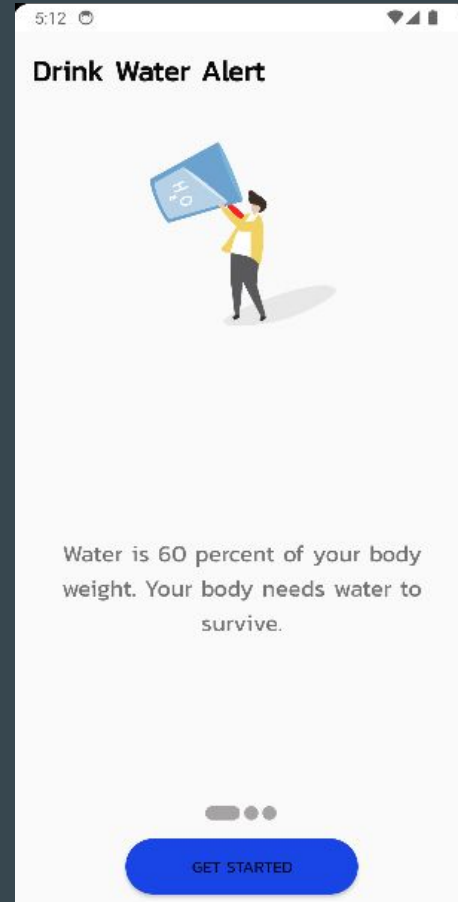
Your daily work out time in min per day

Your get up time

Your Sleep time

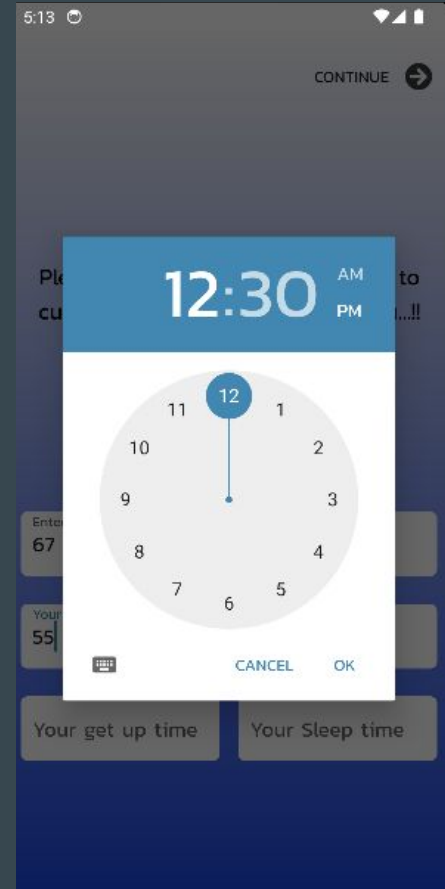
# Development Features

- **Interactive Body Graphics.** We have implemented little characteristic graphics to help you visually track your water consumption.



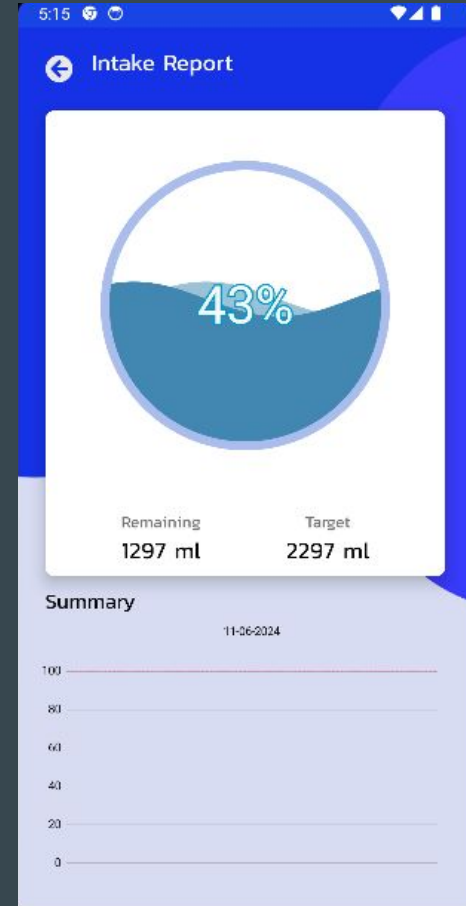
# Development Features

- **Variety of Drink Options.** Offers a diverse selection of nearly 20 different beverages to choose from.



# Development Features

- **Customizable Water Intake.** Allows you to specify the amount of water you drink each time.
- **Advanced Settings.** We have also included a bedtime mode to ensure it would not send water reminders during a sleep time.





# App implementations:

( build.gradle File)

- kotlin-android-extensions: enables Android extensions for Kotlin, providing features like view binding

- maven { url "<https://jitpack.io>" } : adds JitPack repository to fetch dependencies

- implementation  
"org.jetbrains.kotlin:kotlin-stdlib-jdk7:\$kotlin\_version": Kotlin standard library for JDK 7.

-implementation 'androidx.appcompat:appcompat:1.1.0': provides backward-compatible versions of Android framework APIs

- implementation 'com.github.patgdut:RadioRealButton.1.2': customizable radio button library.

- implementation  
'me.itangqi.waveloadingview:library:0.3.5': Wave loading view library.

- implementation 'com.github.PhilJay:MPAndroidChart.1.0': Charting library for Android.

- implementation 'androidx.cardview:cardview:1.0.0':  
CardView for card-based layouts.

- implementation  
'com.params.progressview:step-progress:1.0.2': Step progress view library.



# xml

- **android.permission.VIBRATE**: Allows the application to control the device's vibration feature. This is useful for notifications and reminders.
- **android.permission.RECEIVE\_BOOT\_COMPLETED**: Allows the application to receive a broadcast when the device has finished booting. This is typically used to restart any background services or alarms that the app relies on.
- receiver android:name="mirshod.aysuluv.project.waterReminder.recievers.NotifierReceiver": registers a receiver that handles notification-related broadcasts

```
<receiver android:name="mirshod.aysuluv.project.waterReminder.recievers.BootReceiver">  
  <intent-filter>  
    <action android:name="android.intent.action.BOOT_COMPLETED"/>  
  </intent-filter>  
</receiver>
```

: this part registers a receiver that listens for the BOOT\_COMPLETED broadcast, allowing the app to perform actions after the device has booted.



```
<activity
```

```
    android:name="mirshod.aysuluv.project.waterReminder.MainActivity"
```

```
        android:theme="@style/MainTheme"
```

```
        android:screenOrientation="portrait">
```

```
    <intent-filter>
```

```
        <action android:name="android.intent.action.MAIN"/>
```

```
        <category
```

```
            android:name="android.intent.category.LAUNCHER"/>
```

```
    </intent-filter>
```

```
</activity>
```

: configures the MainActivity with a theme, sets it to display in portrait mode, and includes an intent filter that designates it as the main entry point (launcher) of the app

&lt;/&gt; walk\_through\_two.xml

T baloo.ttf

T kanit.ttf

BottomSheetFragment.kt

MainActivity.kt

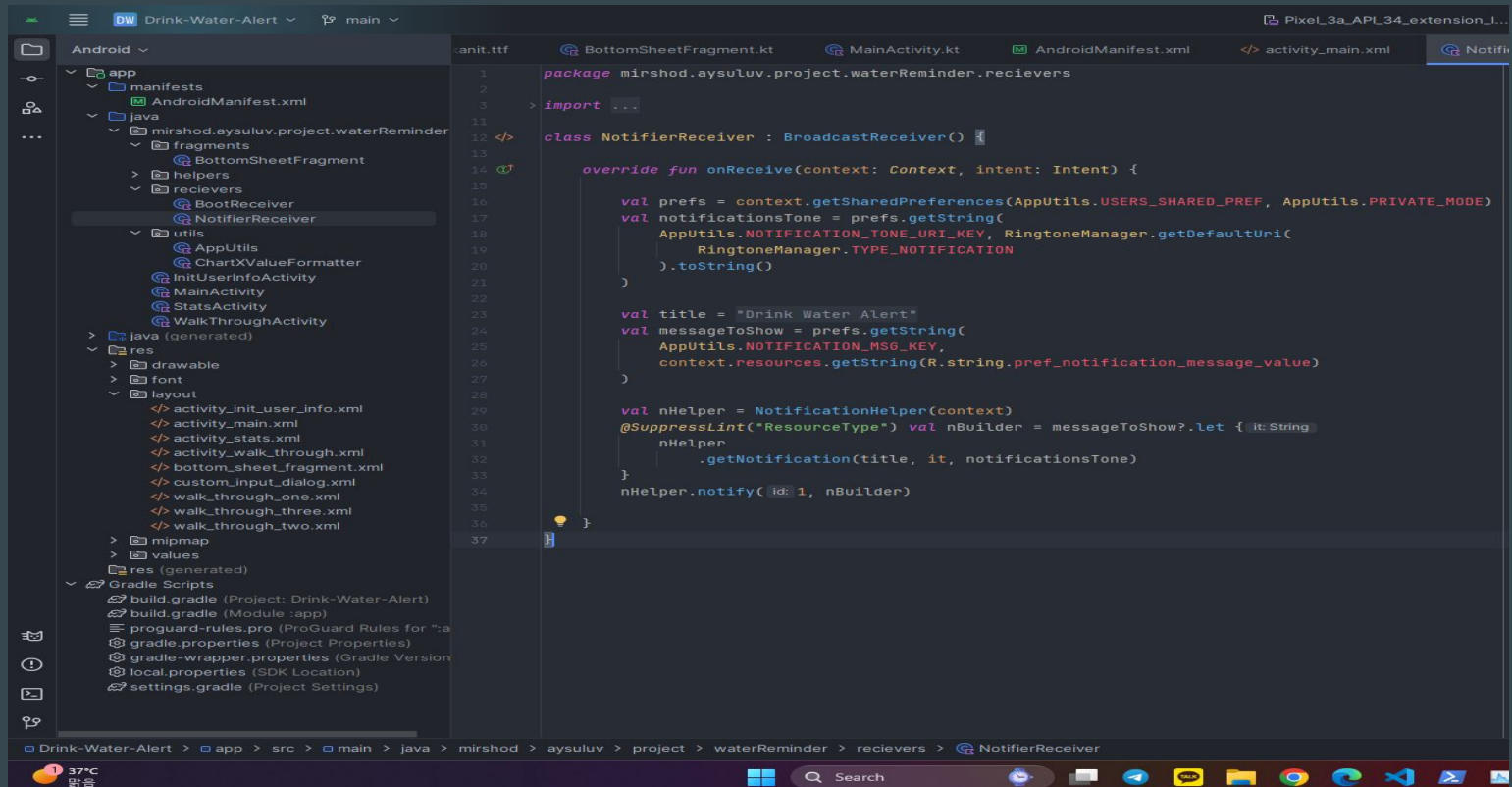
AndroidManifest.xml

build.gra

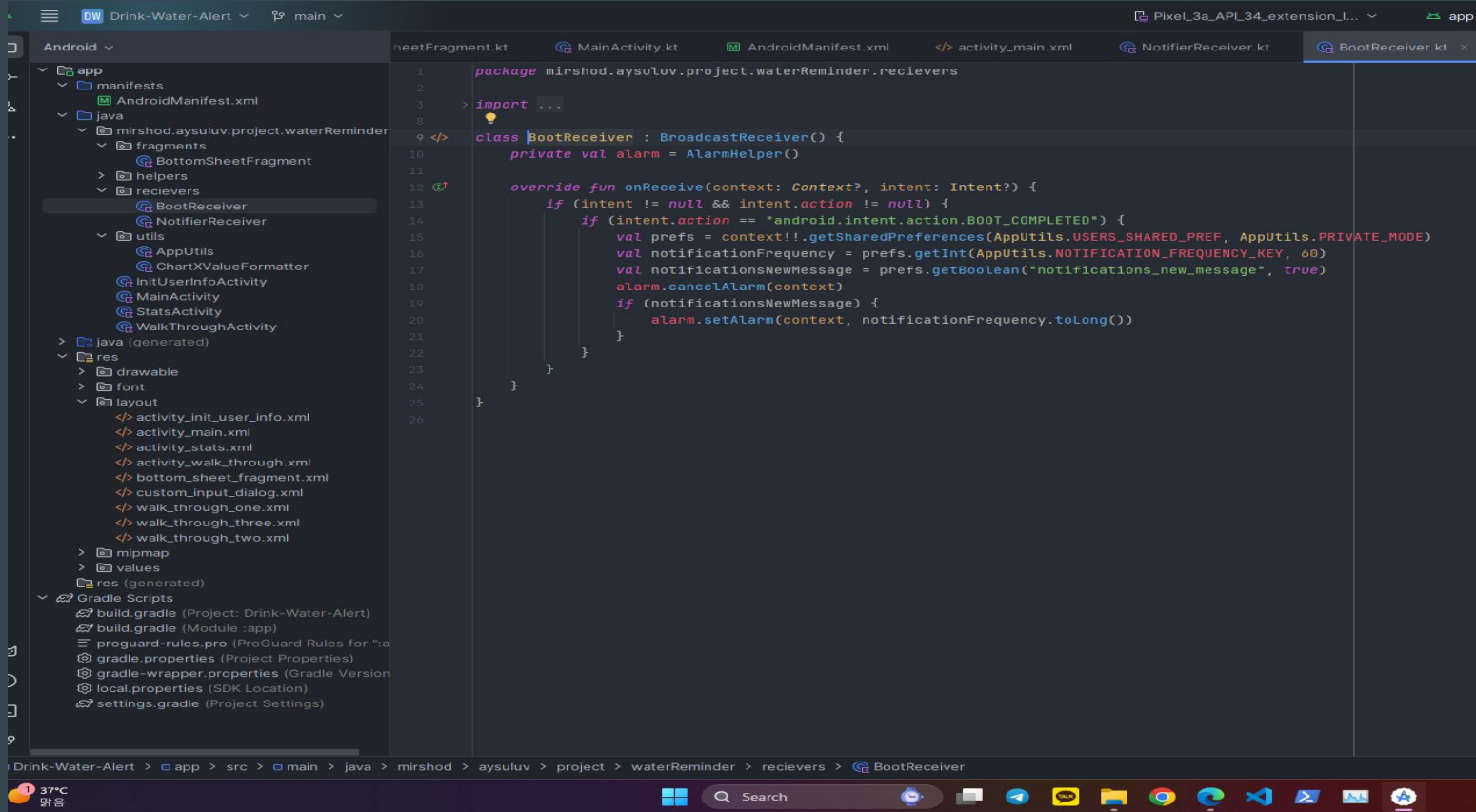
```
1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3         xmlns:tools="http://schemas.android.com/tools"
4         package="mirshod.aysuluv.project.waterReminder">
5
6     <uses-permission android:name="android.permission.VIBRATE"/>
7     <uses-permission android:name="android.permission.RECEIVE_BOOT_COMPLETED"/>
8
9     <application
10         android:allowBackup="true"
11
12         android:label="Drink Water Alert"
13         android:roundIcon="@mipmap/ic_launcher_round"
14         android:supportRtl="true"
15         android:theme="@style/AppTheme"
16         tools:ignore="GoogleAppIndexingWarning">
17         <activity android:name="mirshod.aysuluv.project.waterReminder.WalkThroughActivity"
18                 android:screenOrientation="portrait">
19         </activity>
20         <activity
21             android:name="mirshod.aysuluv.project.waterReminder.StatsActivity"
22             android:theme="@style/MainTheme"
23             android:screenOrientation="portrait">
24         </activity>
25         <activity android:name="mirshod.aysuluv.project.waterReminder.InitUserInfoActivity"
26                 android:screenOrientation="portrait">
27         </activity>
28         <activity
29             android:name="mirshod.aysuluv.project.waterReminder.MainActivity"
30             android:theme="@style/MainTheme"
31             android:screenOrientation="portrait">
32             <intent-filter>
33                 <action android:name="android.intent.action.MAIN"/>
34
35                 <category android:name="android.intent.category.LAUNCHER"/>
36             </intent-filter>
37         </activity>
38
39         <receiver android:name="mirshod.aysuluv.project.waterReminder.recievers.NotifierReceiver"/>
```

manifest &gt; application &gt; activity

Text Merged Manifest



Notifier Receiver File



## Boot Receiver File



# Wrapping up,

Water Reminder Alert is simple to use and fun, and also keeps people informed about the importance of water intake. Avoid dehydration and stay healthy!

