ASSIGNMENT 1B

*Mobile and pervasive computing*

*Activities for alarm clock application design:*

***Activity 1:***

*This is where your application starts. To access various areas of the program, such as the settings or about screens sections, as well as to create and view alarms, it typically buttons or menus****.***

*A screenshot of a phone

Description automatically generated*

***Activity 2:***

*This activity lets users add new alarms or edit existing ones. It includes fields for setting the time.*

*A screenshot of a phone

Description automatically generated*

***Activity 3:***

*When the alert notification occurs, this activity manages interactions with it. The user may be able to regulate alarms, snooze the alarm for a few minutes, or dismiss the alarm altogether. It’s responsible for showing notifications when alarms trigger and performing any other actions associated with the alarm, such as playing a sound or vibrating the device*.

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**activity\_main.xml**

*<?xml version="1.0" encoding="utf-8"?>*

*<RelativeLayout xmlns:android="http://schemas.android.com/apk/res/android"*

*xmlns:tools="http://schemas.android.com/tools"*

*android:layout\_width="match\_parent"*

*android:layout\_height="match\_parent"*

*tools:context=".MainActivity">*

*<Button*

*android:id="@+id/button\_set\_alarm"*

*android:layout\_width="wrap\_content"*

*android:layout\_height="wrap\_content"*

*android:text="Set Alarm"*

*android:layout\_centerInParent="true"/>*

*</RelativeLayout>*