

## Assignment – 4 (Byambadorj Batsukh 613799)

The screenshot displays the Android Studio interface for a project named 'Walmart'. The top toolbar includes standard Android Studio tools like File, Edit, View, Navigate, Code, Refactor, Build, Run, Tools, Git, Window, and Help. The top status bar shows the device 'Pixel 3a API 33 x86\_64' and the time 'Sun 6 Nov 19:27'.

The left sidebar shows the Project view with the following structure:

- Android
  - manifests
    - AndroidManifest.xml
  - java
    - com.miu.walmart
      - CreateActivity
      - MainActivity
      - ShoppingActivity
      - User
    - com.miu.walmart (androidTest)
    - com.miu.walmart (test)
    - java (generated)
    - res
      - drawable
        - beauty.png
        - clothes.png
        - electronics.png
        - food.png
        - ic\_launcher\_background.xml
        - ic\_launcher\_foreground.xml (v24)
        - input\_border.xml (v24)
        - line.xml (v24)
        - walmart\_logo.png (v24)
      - layout
        - activity\_create.xml
        - activity\_main.xml
        - activity\_shopping.xml
      - mipmap
      - values
        - colors.xml
        - strings.xml
        - style.xml
        - themes (2)
      - xml
        - backup\_rules.xml
        - data\_extraction\_rules.xml
      - res (generated)

The main editor displays the `AndroidManifest.xml` file with the following content:

```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.miu.walmart">

    <uses-permission android:name="android.permission.INTERNET" />

    <application
        android:allowBackup="true"
        android:dataExtractionRules="@xml/data_extraction_rules"
        android:fullBackupContent="@xml/backup_rules"
        android:icon="@mipmap/ic_launcher"
        android:label="WalmartLogin"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.Walmart"
        tools:targetApi="31">

        <activity
            android:name=".ShoppingActivity"
            android:exported="true">
        </activity>

        <activity
            android:name=".CreateActivity"
            android:exported="true">
        </activity>

        <activity
            android:name=".MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

                <category android:name="android.intent.category.LAUNCHER" />
            </intent-filter>
        </activity>

        <meta-data
            android:name="android.app.lib_name"
            android:value="" />
    </application>
</manifest>
```

The right sidebar shows the Emulator view, displaying a mobile screen with the Walmart app's login screen. The screen shows the Walmart logo, the text 'Create your account', and a form with the following fields:

- \*required field
- First name\*
- Last name\*
- Email address\*
- Password\*

Below the form is a blue button labeled 'Create account' and a green message that says 'All fields must be filled!'.

The bottom status bar shows the time '19:20:35' and the text 'Launch succeeded (a minute ago)'.



