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| Android Menu bar |

**Introduction**

In Android, the **menu bar** typically refers to the options available for user interaction within an app.

**Options Menu**

* Appears when the user taps the **three-dot** menu icon (⋮).
* Defined in XML (res/menu/menu.xml) and managed in an activity.

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| **Activity\_main.xml**  <menu xmlns:android="http://schemas.android.com/apk/res/android">  <item android:id="@+id/action\_settings" android:title="Settings"/>  </menu> |

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| **MainActivity.java**  @Override  public boolean onCreateOptionsMenu(Menu menu) {  getMenuInflater().inflate(R.menu.menu, menu);  return true;  } |

**Steps to Create an Options Menu**

**Step 1: Create a Menu Resource File**

In your Android project, navigate to:

res > menu > menu\_main.xml (Create the menu folder if it doesn’t exist)

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| <menu xmlns:android="http://schemas.android.com/apk/res/android">  <item  android:id="@+id/action\_settings"  android:title="Settings"  />  <item  android:id="@+id/action\_share"  android:title="Share"  />  <item  android:id="@+id/action\_search"  android:title="Search"  />  </menu> |

**Step 2: Inflate the Menu in the Activity**

Now, modify your MainActivity.java (or MainActivity.kt) to load this menu.

**MainActivity.java**

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| public boolean onCreateOptionsMenu(Menu menu)  {  MenuInflater inflater = getMenuInflater();  inflater.inflate(R.menu.menu\_main, menu);  return true;  } |