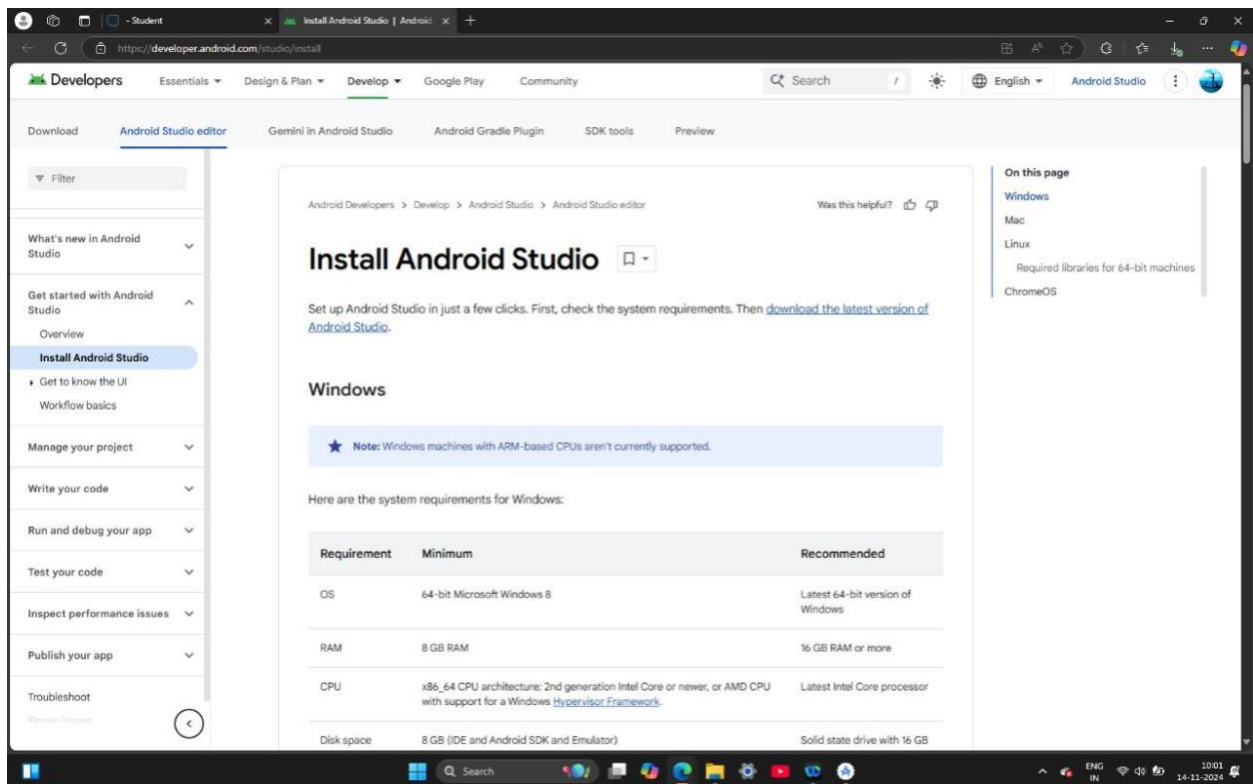


AN ANDROID APPLICATION FOR KEEPING UP WITH THE LATEST HEADLINES

INSTALLATION OUTPUT:



The screenshot shows the 'Install Android Studio' page on the Android Developers website. The page is titled 'Install Android Studio' and provides instructions on how to set up the IDE. It includes a table of system requirements for Windows and a sidebar with navigation links.

Install Android Studio

Set up Android Studio in just a few clicks. First, check the system requirements. Then [download the latest version of Android Studio](#).

Windows

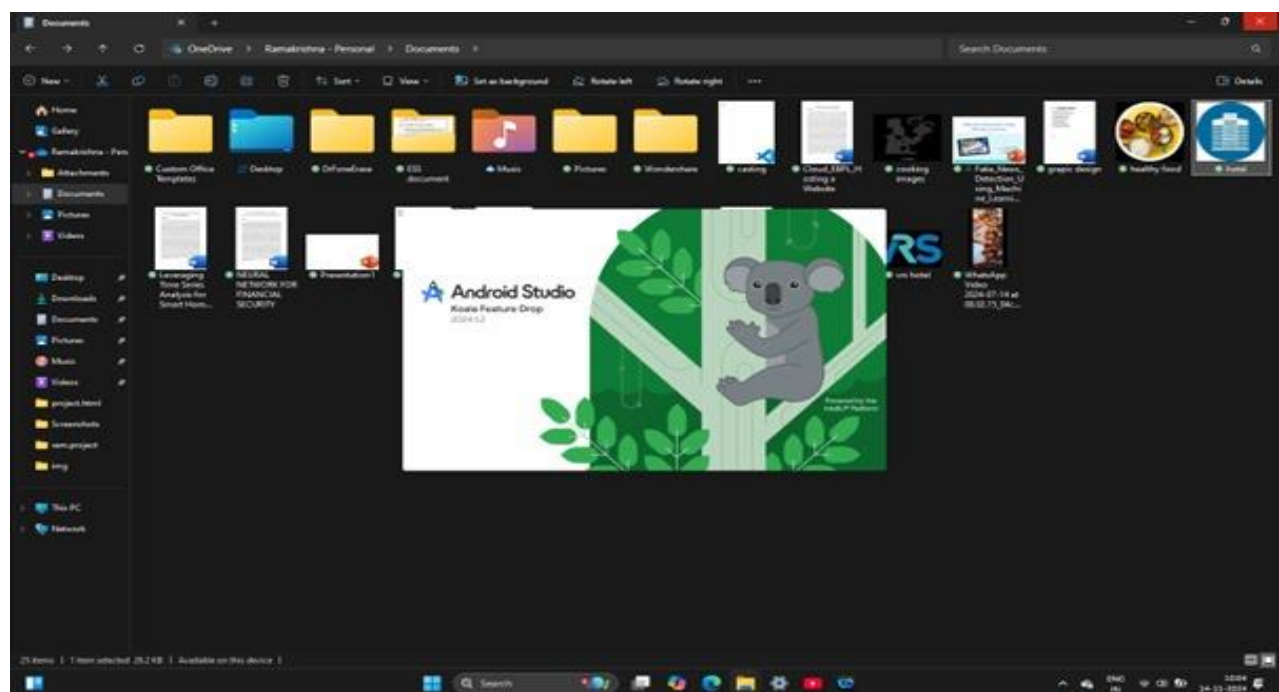
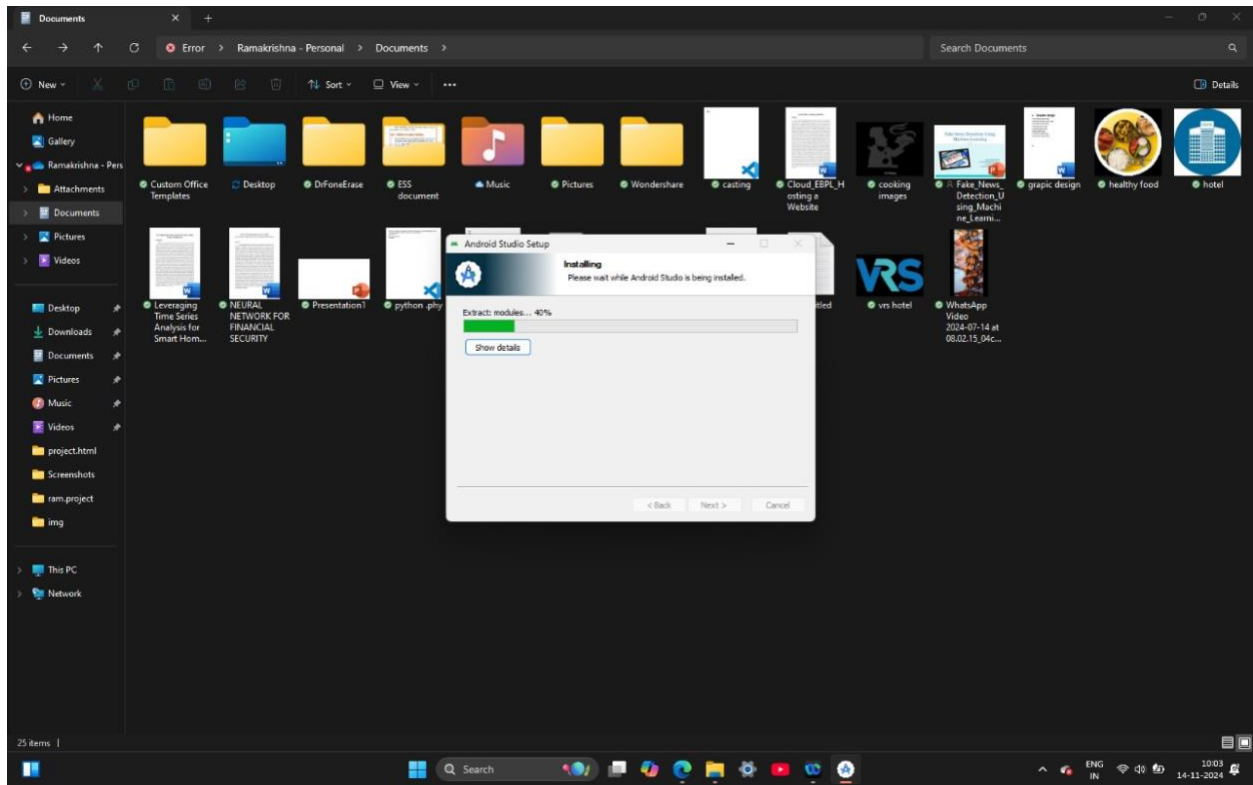
★ **Note:** Windows machines with ARM-based CPUs aren't currently supported.

Here are the system requirements for Windows:

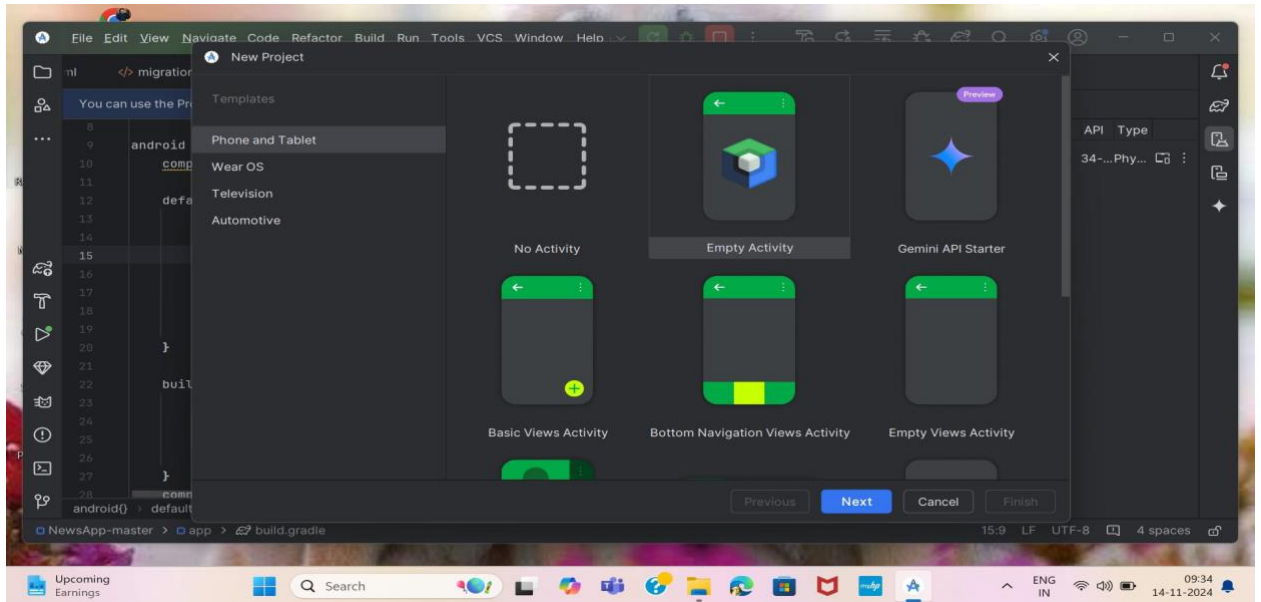
Requirement	Minimum	Recommended
OS	64-bit Microsoft Windows 8	Latest 64-bit version of Windows
RAM	8 GB RAM	16 GB RAM or more
CPU	x86_64 CPU architecture; 2nd generation Intel Core or newer, or AMD CPU with support for a Windows Hypervisor Framework .	Latest Intel Core processor
Disk space	8 GB (IDE and Android SDK and Emulator)	Solid state drive with 16 GB

On this page

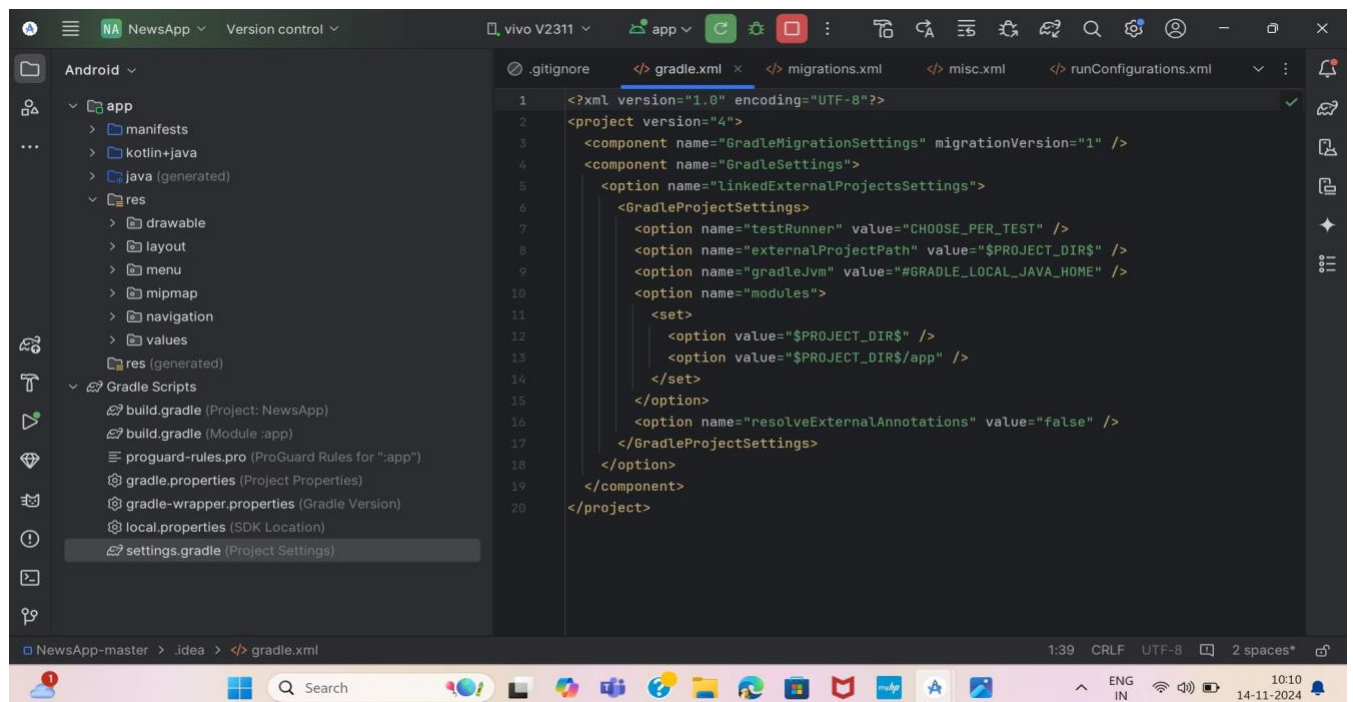
- [Windows](#)
- [Mac](#)
- [Linux](#)
- [Required libraries for 64-bit machines](#)
- [ChromeOS](#)

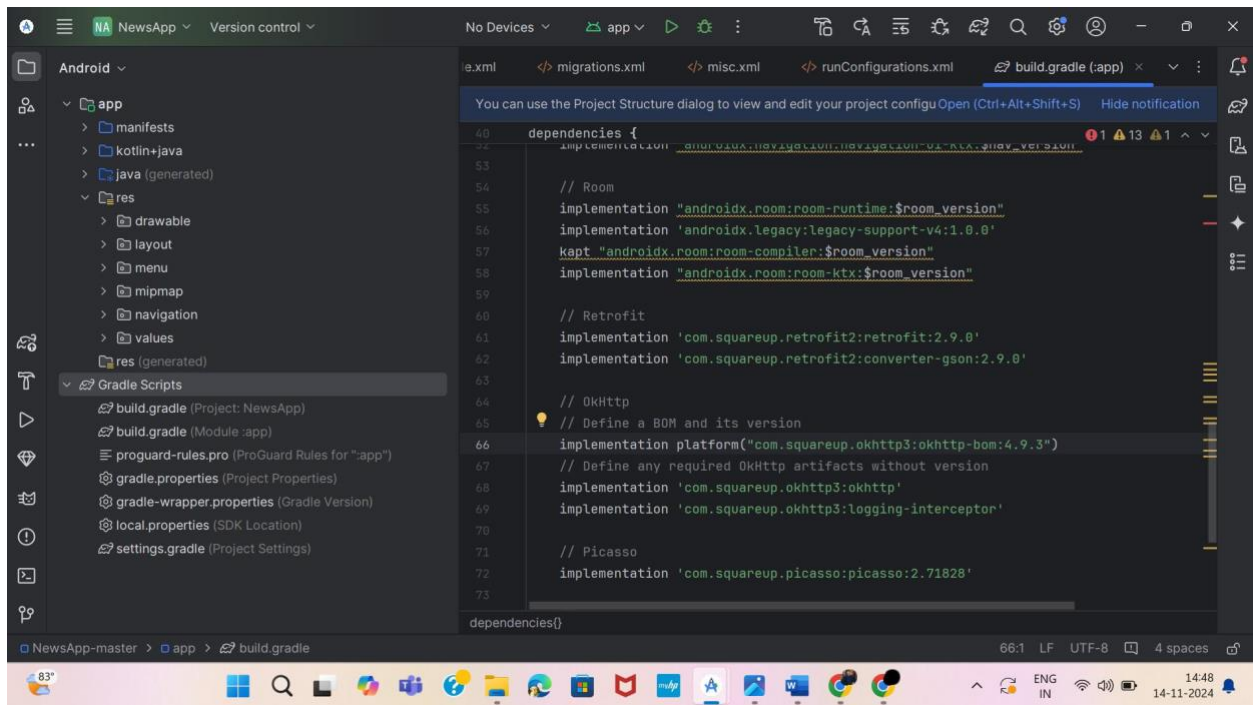


ACTIVITY OUTPUT:



GRADLE SCRIPT OUTPUT:





ROOM DEPENDENCIES OUTPUT:

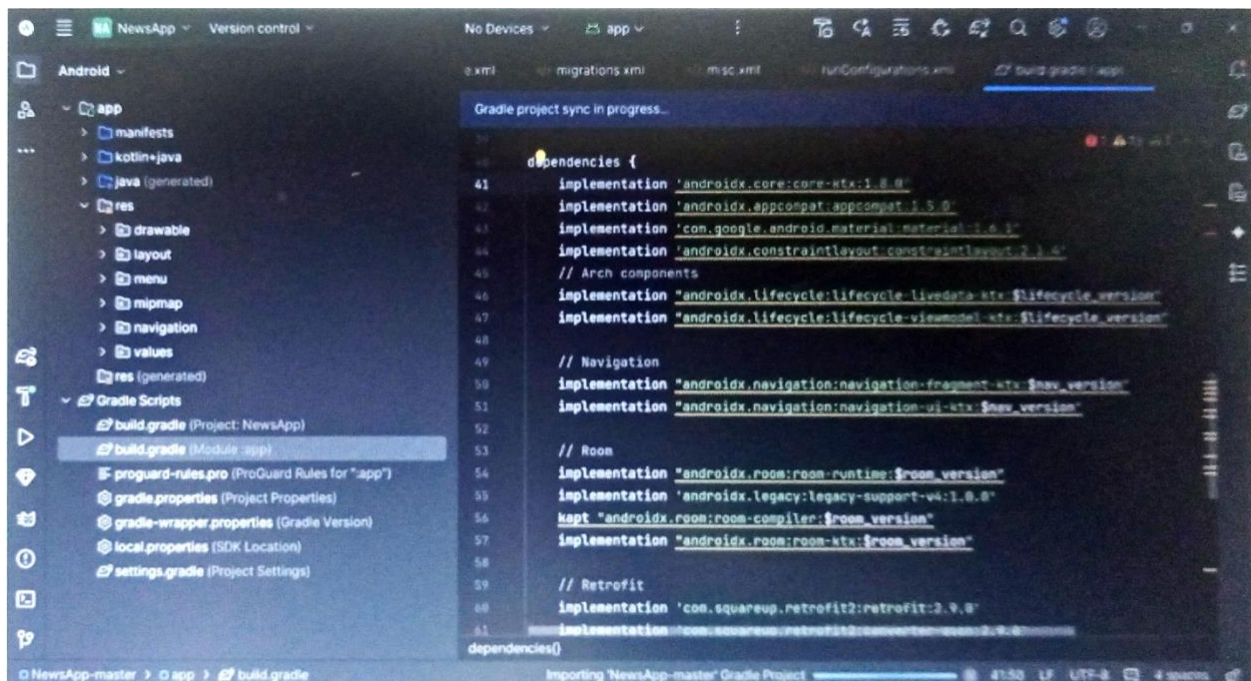
```
dependencies {  
    implementation 'androidx.core:core-ktx:1.8.0'  
    implementation 'androidx.appcompat:appcompat:1.5.0'  
    implementation 'com.google.android.material:material:1.6.1'  
    implementation 'androidx.constraintlayout:constraintlayout:2.1.4'  
    // Arch components  
    implementation "androidx.lifecycle:lifecycle-livedata-ktx:$lifecycle_version"  
    implementation "androidx.lifecycle:lifecycle-viewmodel-ktx:$lifecycle_version"  
    // Room  
    implementation "androidx.room:room-runtime:$room_version"  
    implementation 'androidx.legacy:legacy-support-v4:1.0.0'  
    kept "androidx.room:room-compiler:$room_version"  
    implementation "androidx.room:room-ktx:$room_version"  
    // Retrofit  
    implementation 'com.squareup.retrofit2:retrofit:2.9.0'  
    implementation 'com.squareup.retrofit2:converter-gson:2.9.0'  
    // OkHttp  
    // Define a BOM and its version  
    implementation platform("com.squareup.okhttp3:okhttp-bom:4.9.3")  
    // Define any required OkHttp artifacts without version  
    implementation 'com.squareup.okhttp3:okhttp'  
    implementation 'com.squareup.okhttp3:logging-interceptor'  
    // Picasso  
    implementation 'com.squareup.picasso:picasso:2.71828'  
}
```


RETROFIT DEPENDENCIES OUTPUT:

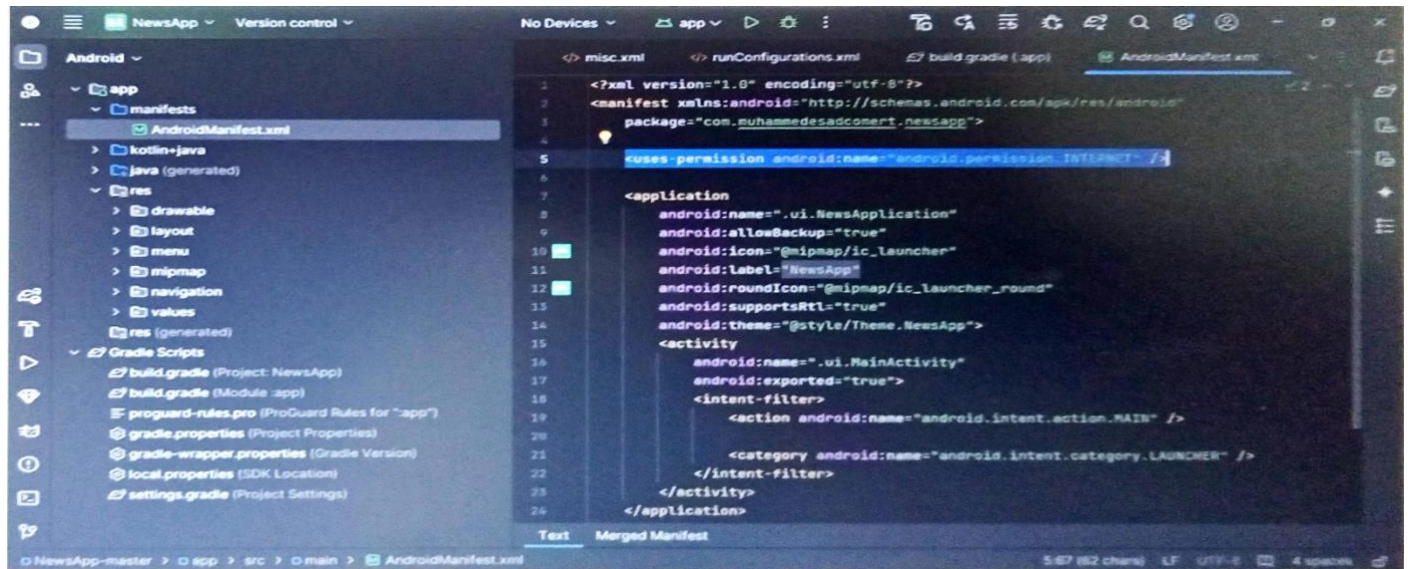
```
implementation 'com.squareup.retrofit2:retrofit:2.9.0'
implementation 'com.squareup.retrofit2:converter-gson:2.9.0'

// OkHttp
// Define a BOM and its version
implementation platform('com.squareup.okhttp3:okhttp-bom:4.9.3')
// Define any required Okhttp artifacts without version
implementation 'com.squareup.okhttp3:okhttp'
implementation 'com.squareup.okhttp3:logging-interceptor'
```

COIL DEPENDENCIES OUTPUT:



ADDING PERMISSION OUTPUT:



The screenshot shows the AndroidManifest.xml file in Android Studio. The file is open in the 'Text' editor, and the 'Merged Manifest' tab is also visible. The code is as follows:

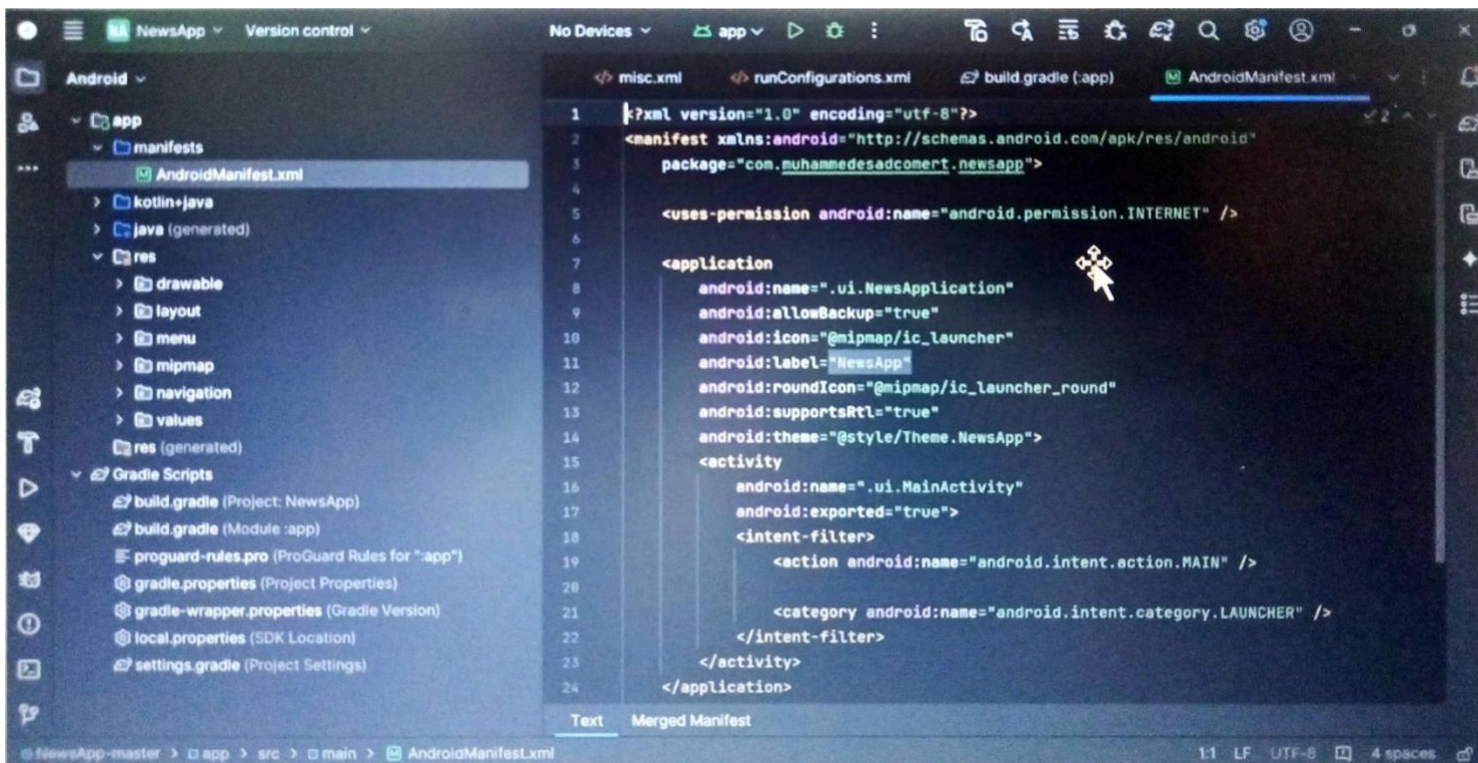
```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.muhammedsadcomert.newsapp">

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

    <application
        android:name=".ui.NewsApplication"
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/newsapp"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.NewsApp">
        <activity
            android:name=".ui.MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

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

WIFI ACCESS OUTPUT:



The screenshot shows the AndroidManifest.xml file in Android Studio. The file is open in the 'Text' editor, and the 'Merged Manifest' tab is also visible. The code is as follows:

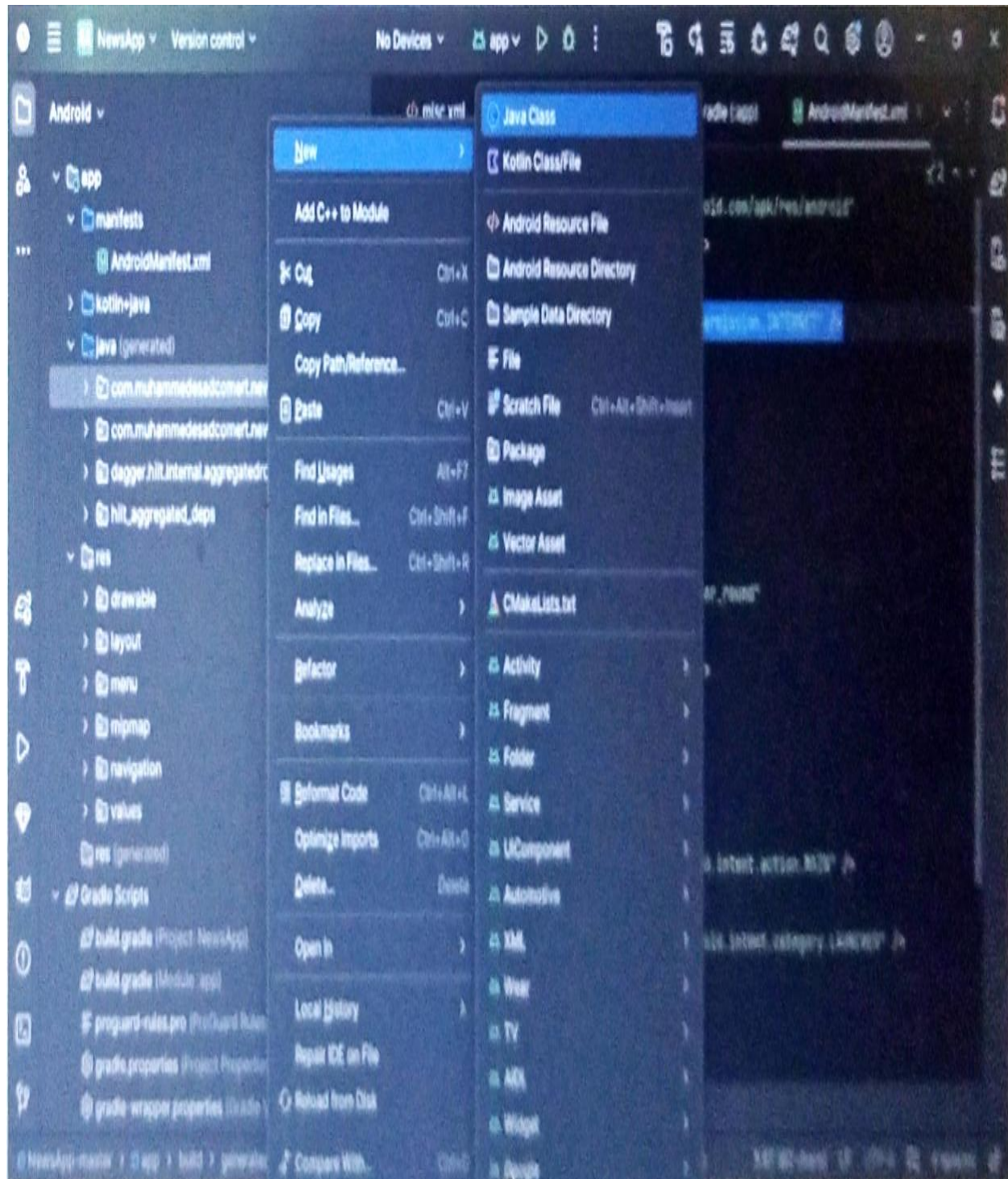
```
<?xml version="1.0" encoding="utf-8"?>
<manifest xmlns:android="http://schemas.android.com/apk/res/android"
    package="com.muhammedsadcomert.newsapp">

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

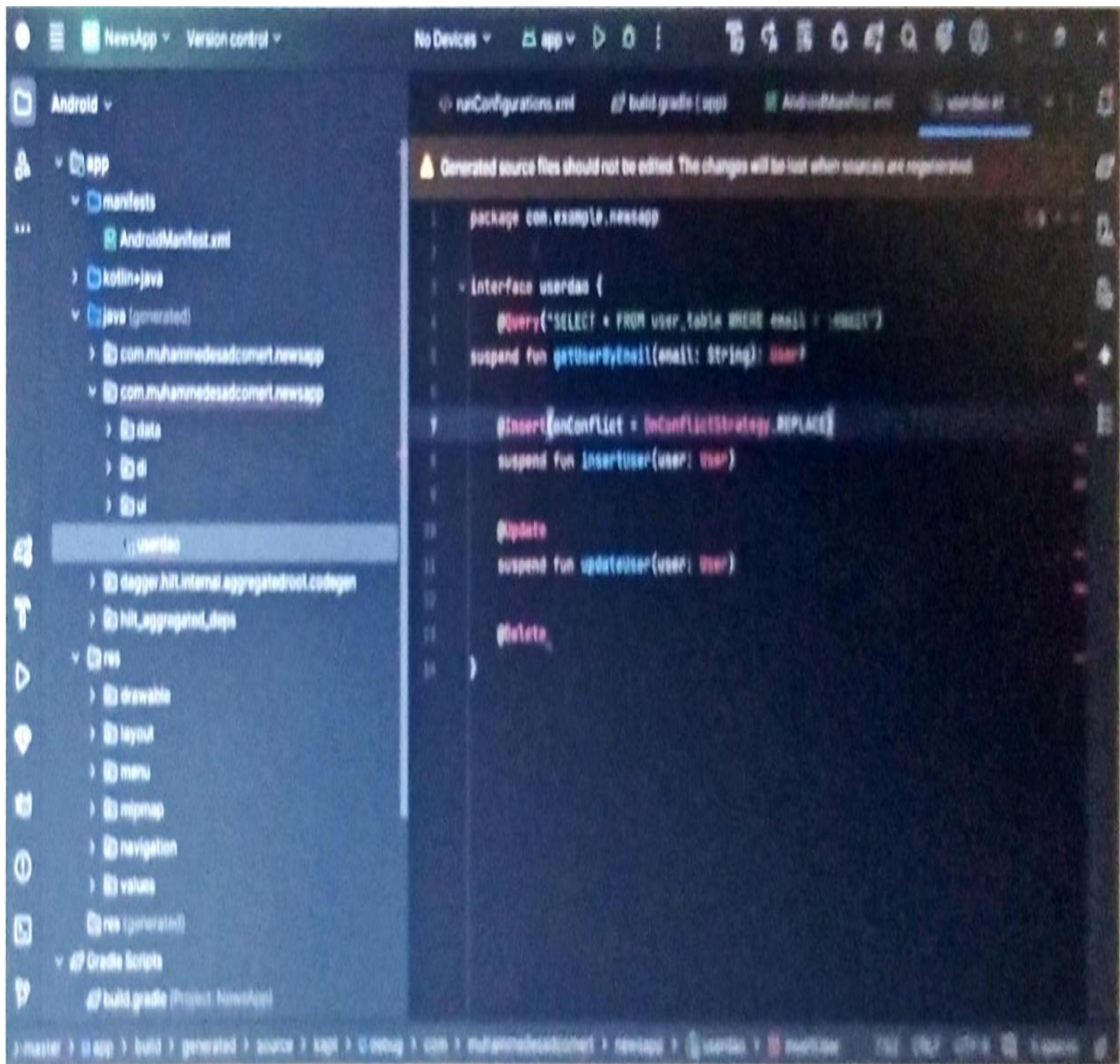
    <application
        android:name=".ui.NewsApplication"
        android:allowBackup="true"
        android:icon="@mipmap/ic_launcher"
        android:label="@string/newsapp"
        android:roundIcon="@mipmap/ic_launcher_round"
        android:supportRtl="true"
        android:theme="@style/Theme.NewsApp">
        <activity
            android:name=".ui.MainActivity"
            android:exported="true">
            <intent-filter>
                <action android:name="android.intent.action.MAIN" />

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


DATABASE OUTPUT:



USER DUO INTERFACE OUTPUT:



API KEY OUTPUT:

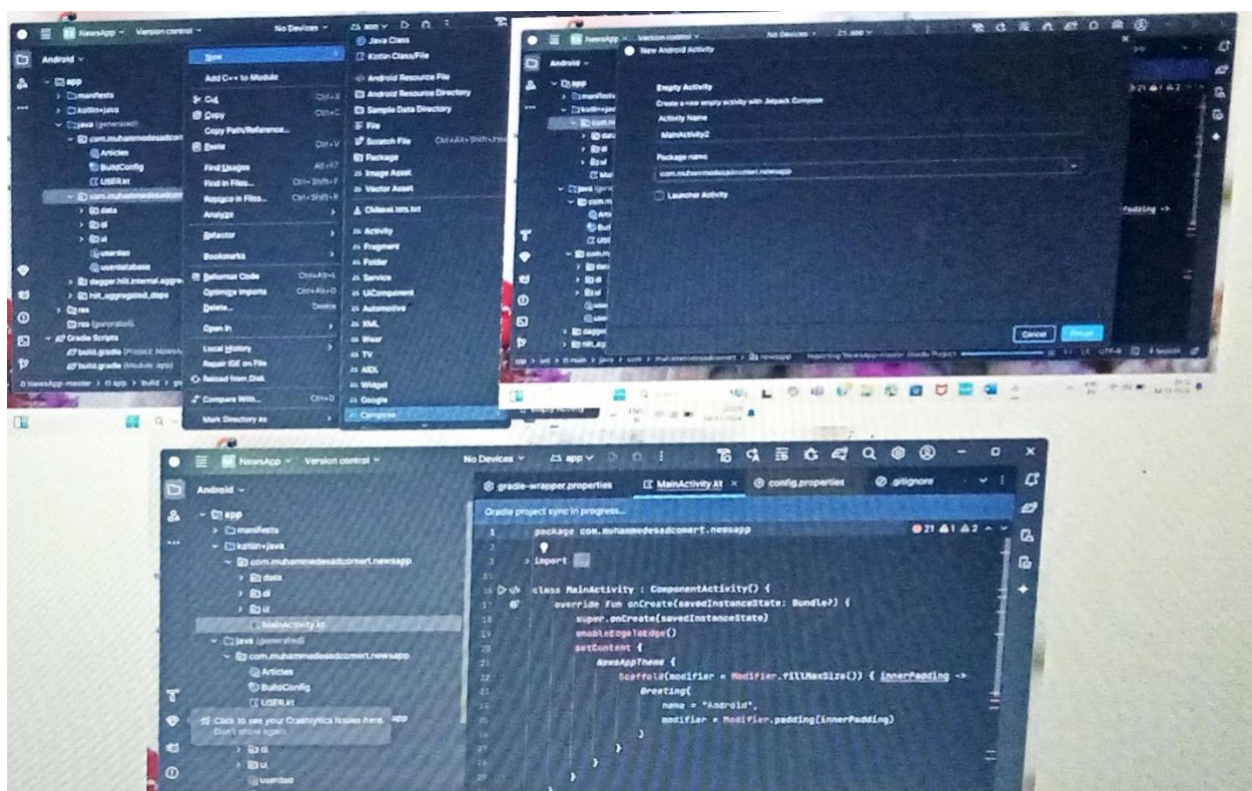
The screenshot displays the News API website. At the top, there is a navigation bar with the 'News API' logo, links for 'Get started', 'Documentation', and 'Pricing', and buttons for 'Login' and 'Get API key'. The main heading reads 'Search worldwide news with code'. Below this, a subheading states 'Locate articles and breaking news headlines from news sources and blogs across the web with our JSON API'. A prominent blue button labeled 'Get API Key →' is centered on the page.

Below the main content, a browser window is shown displaying a sample JSON response from the API. The URL in the browser is `https://newsapi.org/v2/everything?q=tesla&from=2024-10-14&sortBy=publishedAt&apiKey=API_KEY`. The JSON response is as follows:

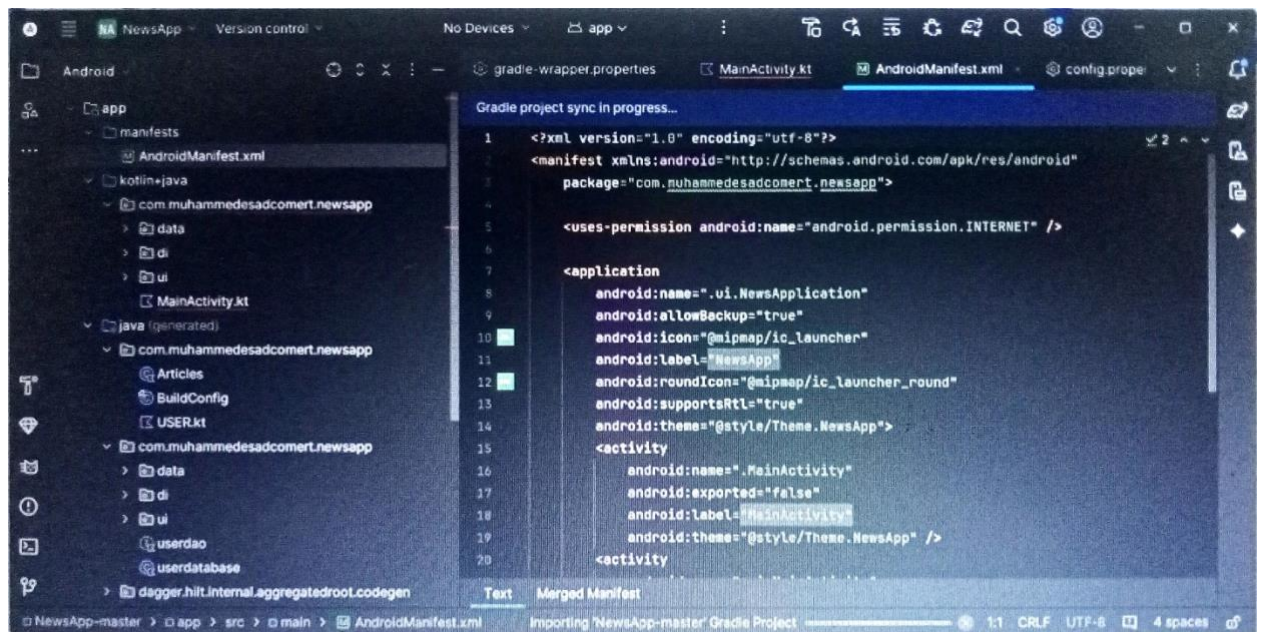
```
{
  "status": "ok",
  "totalResults": 1,
  "articles": [
    {
      "source": {
        "id": "nbc",
        "name": "NBC News"
      },
      "author": "NBC News",
      "title": "Tesla leads to manufacture batteries in the US pending Trump's approval",
      "description": "Tesla's latest plans to build a new battery manufacturing plant in the US, pending approval from the Department of Energy, could give the company a significant boost in the electric vehicle market, according to a report from the Wall Street Journal.",
      "url": "https://www.nbcnews.com/tech/tesla-battery-manufacturing-us-24c1014",
      "urlSource": "https://www.nbcnews.com/tech/tesla-battery-manufacturing-us-24c1014",
      "publishedAt": "2024-10-14T11:00:00Z",
      "content": "President-elect Donald Trump's plans to build a new battery manufacturing plant in the US, pending approval from the Department of Energy, could give the company a significant boost in the electric vehicle market, according to a report from the Wall Street Journal."
    }
  ]
}
```

At the bottom of the screen, a Windows taskbar is visible with a search bar and several application icons including Edge, File Explorer, and various productivity apps.

LOGIN ACTIVITY OUTPUT:

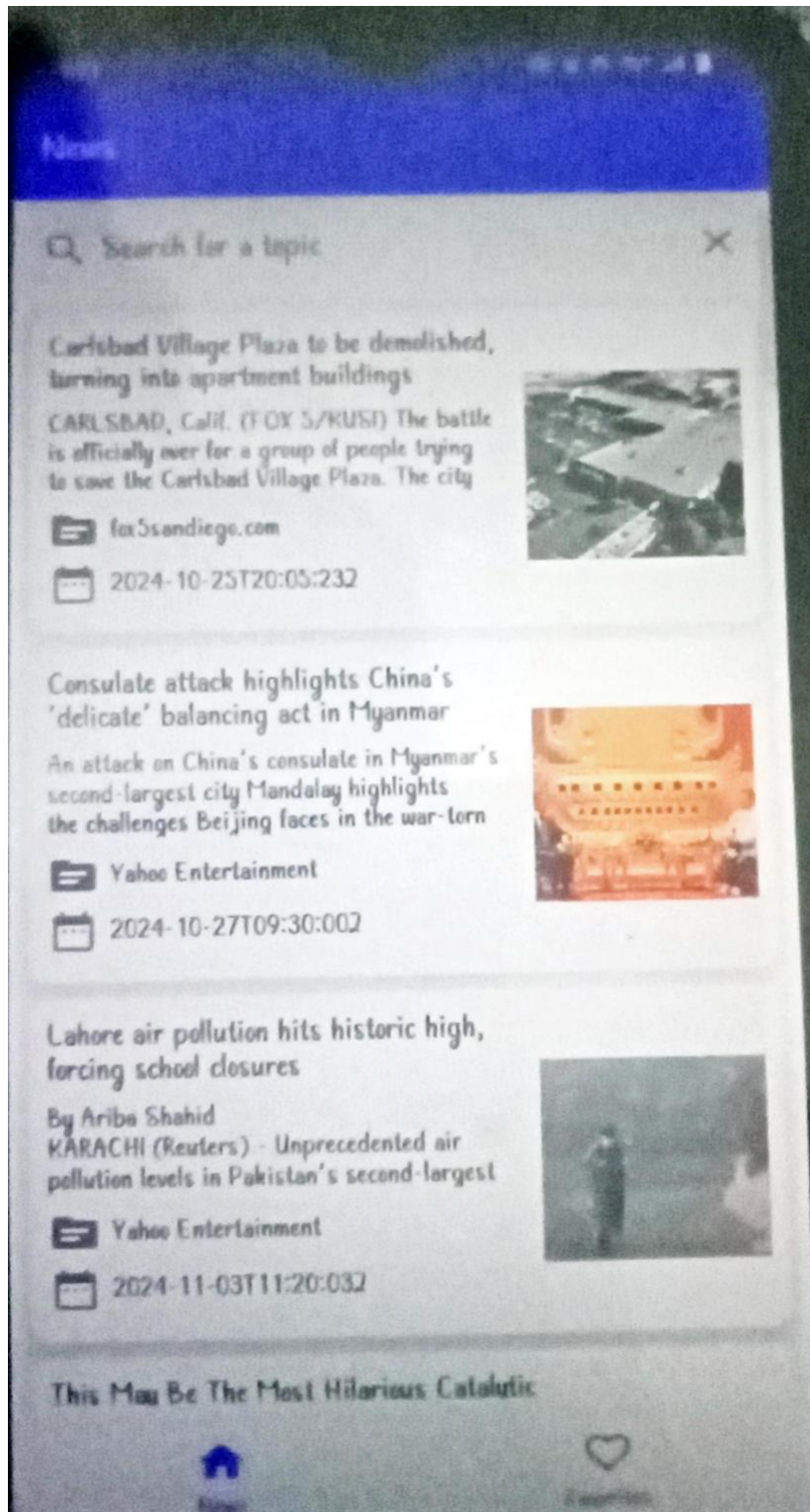


MANIFEST XML OUTPUT:



```
1 <?xml version="1.0" encoding="utf-8"?>
2 <manifest xmlns:android="http://schemas.android.com/apk/res/android"
3     package="com.muhammedsadcomert.newsapp">
4
5     <uses-permission android:name="android.permission.INTERNET" />
6
7     <application
8         android:name=".ui.NewsApplication"
9         android:allowBackup="true"
10        android:icon="@mipmap/ic_launcher"
11        android:label="@string/app_name"
12        android:roundIcon="@mipmap/ic_launcher_round"
13        android:supportRtl="true"
14        android:theme="@style/Theme.NewsApp">
15         <activity
16             android:name=".MainActivity"
17             android:exported="true"
18             android:label="@string/app_name"
19             android:theme="@style/Theme.NewsApp" />
20     </application>
21 </manifest>
```


RUNNING APPLICATION OUTPUT:



9:30


5G+




You
3 minutes ago




Carlsbad Village Plaza to be demolished, turning into apartment buildings

 fox5sandiego.com

 2024-10-25T20:05:23Z

CARLSBAD, Calif. (FOX 5/KUSI) The battle is officially over for a group of people trying to save the Carlsbad Village Plaza. The city council recently voted 4-1 to demolish the shopping center in fav...
[+2381 chars]

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MOBILE RUNNING OUTPUT:

