### A Personalized Travel Planning And Tracking App

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### Required Initial Steps:

**Step 1.:Download Android Studio:** - Visit the official Android Studio download page:

[https://developer.android.com/studio](https://developer.android.com/studio).

- Review and accept the terms and conditions if prompted.

- The download will begin automatically.

**Step 2.:Install Android Studio:**

**For Windows:**

* Run the installer: Double-click the downloaded .exe file.
* Follow the installation wizard:
* Choose installation options (use default settings unless you have specific preferences).
* Android Studio requires a minimum of 4 GB of RAM (recommended 8 GB), and a screen resolution of at least 1280x800.
* Install Android SDK: The installer will automatically install the Android SDK, Android Emulator, and other necessary tools.
* Complete installation: Click Finish once the process is complete.
* Follow the setup wizard: Android Studio will guide you through the rest of the installation.

**Step3: First Launch and Setup:**

* Choose UI Theme\*\*: Select between Light or Dark theme.
* Install SDK Components\*\*: Android Studio will download necessary SDK components (such as the latest Android platform and tools). This might take some time, depending on your internet speed.

**Step 4: Configure Android Studio:**

* -Install additional SDK packages: You might need to install certain packages depending on your Android development needs (e.g., specific Android API versions or system images for the emulator).
* Set up the Android Emulator: If you plan to use the Android Emulator for testing, you can set it up through the AVD (Android Virtual Device) Manager.

**Step5: Verify Installation:**

* Go to File → New → New Project.
* Choose a template (e.g., Empty Activity).
* Configure the project (e.g., name, package name).
* Click Finish.

**Step6: Install Android Device/SDK Drivers (If needed):**

* You have enabled USB debugging on the device (Settings → About phone → Tap Build number 7 times to unlock developer options → Developer options → Enable USB debugging).
* You may need to install specific drivers for your device (especially on Windows).

**Screen Shorts:**

