A REAL TIME CHAT & COMMUNICATION APP

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REQUIRED INITIAL STEPS:

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

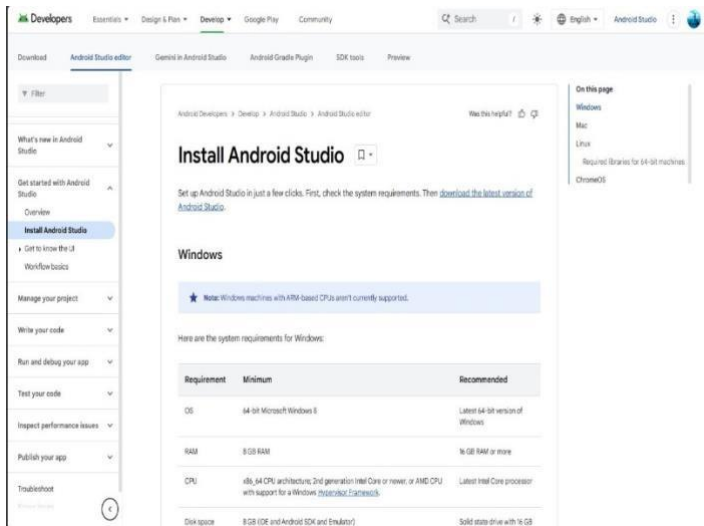**https://developer.android.com/studio.**

- Review and accept the terms and conditions if prompted.

- The download will begin install

Step 2:. Install Android Studio:

> For Windows:
> ☐ Run the installer: Double-click the downloaded `.exe` file.
> ☐ Follow the installation wizard:
> o Choose installation options (use default settings unless you have specific preferences).

- ➢ o 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.
- ➢ **Step 3:** 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.
- ➢ **Step 5:** Verify Installation:
- ➢ ☐ Go to `File` → `New` → `New Project`.
- ➢ ☐ Choose a template (e.g., `Empty Activity`).

➢ ☐   Configure the project (e.g., name, package name).

➢ **Step 6:** Install Android Device/SDK Drivers (If needed):

➢ ☐   You have enabled USB debugging on the device (`Settings☐Click `Finish`.

FIG 1: INSTALL ANDROID STUDIO