

Project Tool Window in Android Studio

By default, the **Project Tool Window** is located on the **left side** of the Android Studio window. You can toggle it on/off using:

Main Components / Views

The Project Tool Window has different "**View Modes**". The two most commonly used are:

1. Android View (Recommended for Android Development)

- **Highly organized** view tailored for Android development.
- Hides unnecessary files and shows only relevant ones.
- Structure is as follows:

app/: Contains all application-related files

manifests/ – AndroidManifest.xml

java/ – Java or Kotlin source files (including test and androidTest)

res/ – Drawable, layout, values, mipmap, etc.

assets/ – Raw asset files

Gradle Scripts/ – build.gradle, settings.gradle, gradle-wrapper.properties, etc.

2. Project View

- Shows the **actual file structure** on disk.
- Best for full access to all files, including hidden/internal config files.
- Shows folders like:
 - .idea/, build/, gradle/, and full paths to source directories.

Other views (depending on use-case):

- **Packages View** – Organizes files by package structure.
- **Project Files View** – Only modified/opened files.
- **Production/Tests View** – Filters files used in production or testing.

Key Elements of the Android View (Inside app/)

Folder/File	Purpose
manifests/	Contains AndroidManifest.xml, which defines app components.

Folder/File	Purpose
java/	Source code for app, including main, test, and androidTest folders.
res/	Resources like layouts, strings, images, colors, etc.
assets/ (optional)	Contains raw asset files (e.g., HTML, fonts, etc.).
build.gradle	Configuration files for building the app.

Structure

MyApplication/

```

├── app/
│   ├── manifests/
│   │   └── AndroidManifest.xml
│   ├── java/
│   │   └── com.example.myapplication/
│   │       ├── MainActivity.java
│   │       └── ... other classes
│   ├── res/
│   │   ├── layout/
│   │   │   └── activity_main.xml
│   │   ├── drawable/
│   │   └── values/
│   │       └── strings.xml
│   └── assets/
├── build.gradle
├── settings.gradle
└── Gradle Scripts/

```

Picture Of Android Project Manager

