Flutter Commands

- To create a new project run:
  - flutter create --androidx -t <project-type> <new-project-path>
- Your app isn't using AndroidX.(paste to your android/gradle.properties)
  - android.useAndroidX=true
  - android.enableJetifier=true
- Gardle error solution not tested
  - https://github.com/flutter/flutter/issues/48159
- Some Basic
  - could you please run
  - flutter pub cache repair
  - cd <YOUR APP FOLDER>
  - flutter clean
  - If the issue persist please provide your updated
  - flutter doctor -v and flutter run --verbose
- Backend Poblem Solution (18/06/2020)
  - android/settings.gradle

```groovy
//Added some extra line @sandeep
def flutterProjectRoot = rootProject.projectDir.parentFile.toPath()

def plugins = new Properties()
def pluginsFile = new File(flutterProjectRoot.toFile(), '.flutter-plugins')
if (pluginsFile.exists()) {
    pluginsFile.withReader('UTF-8') { reader -> plugins.load(reader) }
}

plugins.each { name, path ->
    def pluginDirectory = flutterProjectRoot.resolve(path).resolve('android').toFile()
    include ":$name"
    project(":$name").projectDir = pluginDirectory
}
```

- android/app/src/profile/AndroidManifest.xml

```
        <application
        ...
        android:name="android.support.multidex.MultiDexApplication">

        <!-
- If you are using androidx use android:name="androidx.multidex.MultiDexApplication" --
>

        <!--If you are using your own custom Application class then extend -->
        <!--MultiDexApplication and change above line as-->
        <!--android:name=".YourCustomApplicationClass"> -->

        ...
    </application>
```

- android/app/build.gradle

```
    defaultConfig {
        // TODO: Specify your own unique Application ID (https://developer.android.com/
studio/build/application-id.html).
        applicationId "com.sandeepini.chat"
        minSdkVersion 16
        targetSdkVersion 28
        versionCode flutterVersionCode.toInteger()
        versionName flutterVersionName
        multiDexEnabled true //Added This @Sandeep
    }
dependencies {
    implementation "org.jetbrains.kotlin:kotlin-stdlib-jdk7:$kotlin_version"
    implementation 'com.google.firebase:firebase-analytics:17.2.2'
    def multidex_version = "2.0.1"  //Added This @Sandeep
    implementation 'androidx.multidex:multidex:$multidex_version'  //Added This @Sandee
p

}
```

- Some problems are solved by just using Command in Administrative mode.