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| Experiment No.: 7 | Test and deploy production ready Flutter App on Android platform |
| Aim: | To test and deploy production ready Flutter App on Android platform |
| Lab Outcome | Analyze and Build production ready Flutter App by incorporating backend services and deploying on Android / iOS. |

Step 1: create icon 192 x 192 px in png format

Step 2: add icon in asset folder

Step 3 : add dependencies for icon by visitng pub dev site

dev\_dependencies:

flutter\_launcher\_icons: "^0.13.1"

flutter\_launcher\_icons:

android: "launcher\_icon"

ios: true

image\_path: "assets/icon/icon.png"

min\_sdk\_android: 21 *# android min sdk min:16, default 21*

run the flutter pub get command

after saving the file run the following command for app bundle

flutter build appbundle

Once you run this command, you will find the generated .aab file in the **build/app/outputs/bundle/release/** directory of your Flutter project.

After that run the following command for apk bundle

flutter build apk

Once you run this command, you will find the generated APK file in the **build/app/outputs/flutter-apk/** directory of your Flutter project.

Download the apk file in your personnel smart phone and install it.