Basic Flow Of the App

1.Get the user details and Prompt the user to launch the Camera

-This needs External Interfacing of Flir one Thermal Camera.

-The app will prompt this using thecalls from Flir one SDK.

Installing the Andriod Studio and Flirone SDK- completed

. (Tried the sdk with example Project -The app is not still detected the thermal camera-had some hardware mismatch error)-  
Detecting the Thermal Image via app and Saving it on app -by December 18.  
  
2.Once the image is obtained , Process the image on the phone if it is offline

- This is done by using importing matlabfn as a Java library on the App

Matlab/Ocatve Program to extract details of the the image - by December 19  
 Implementing the matlab/Octave library in the app -by December 20  
 Validation of image in the app -by December 22

Attending the Workshop -Can be on December 22,23

-get the measurement co-ordinates and generate QR code using encoding libraries in the app-by December 26

-Save the QR code against the user-by December 26

3.If online send the image to server

The image processing will be done on the server side.(Andriod-cloud server communication through app) -by December 30

Must have options to be done either through octave/Matlab -Jan 2nd

Once the measurement co-ordinates are extracted send it to app and generate QR code and save it against the user -Jan 4th