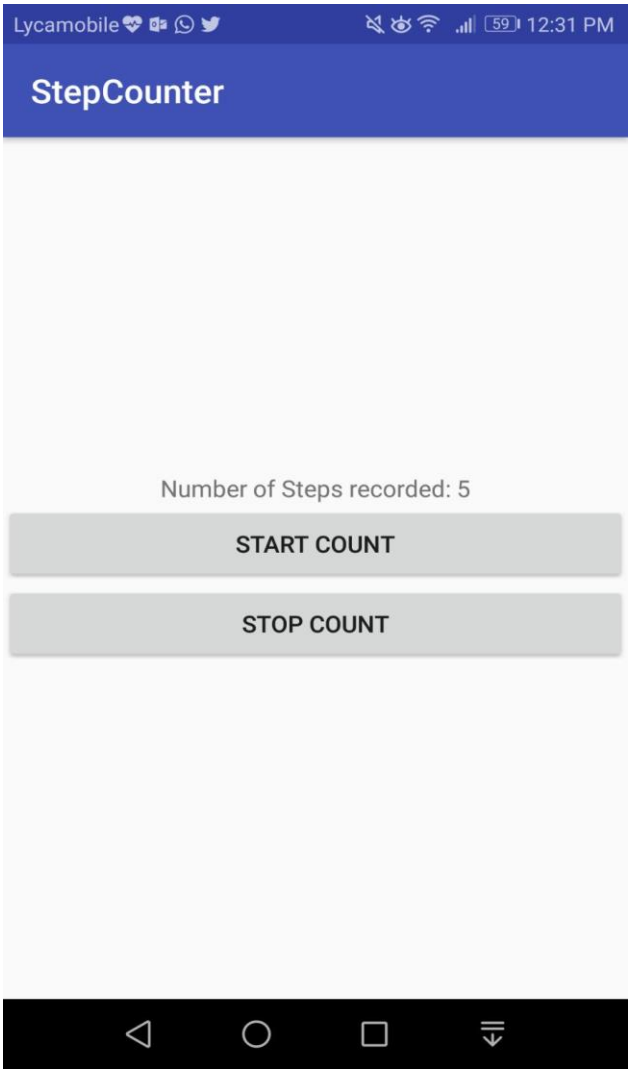
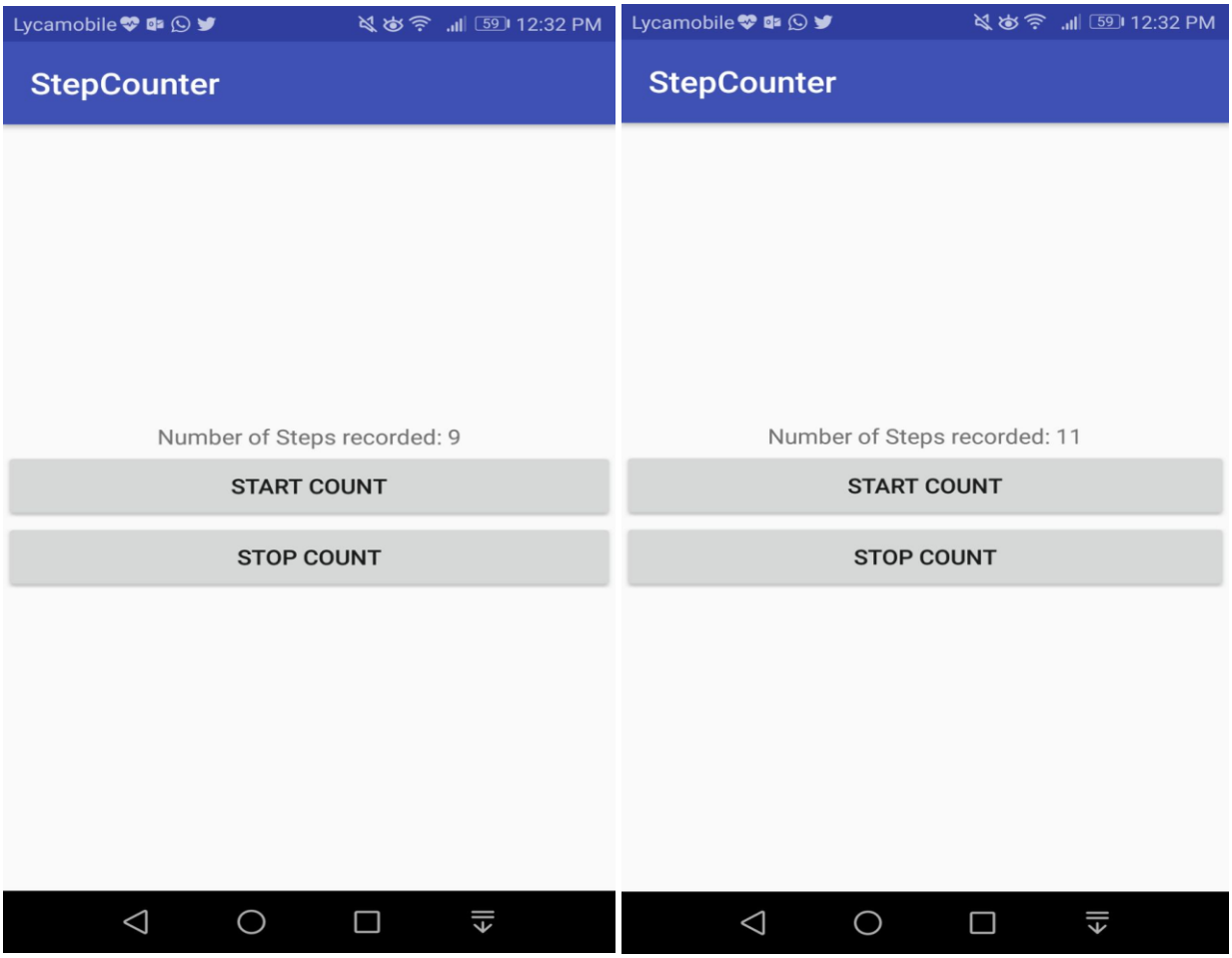
STEP BY STEP APPROACH OF MY Mobile-Lab2 Android Application

PART 1: STEP COUNTER

Following are the screenshots of my Step Counter Application,





Following is the picture of my java code:

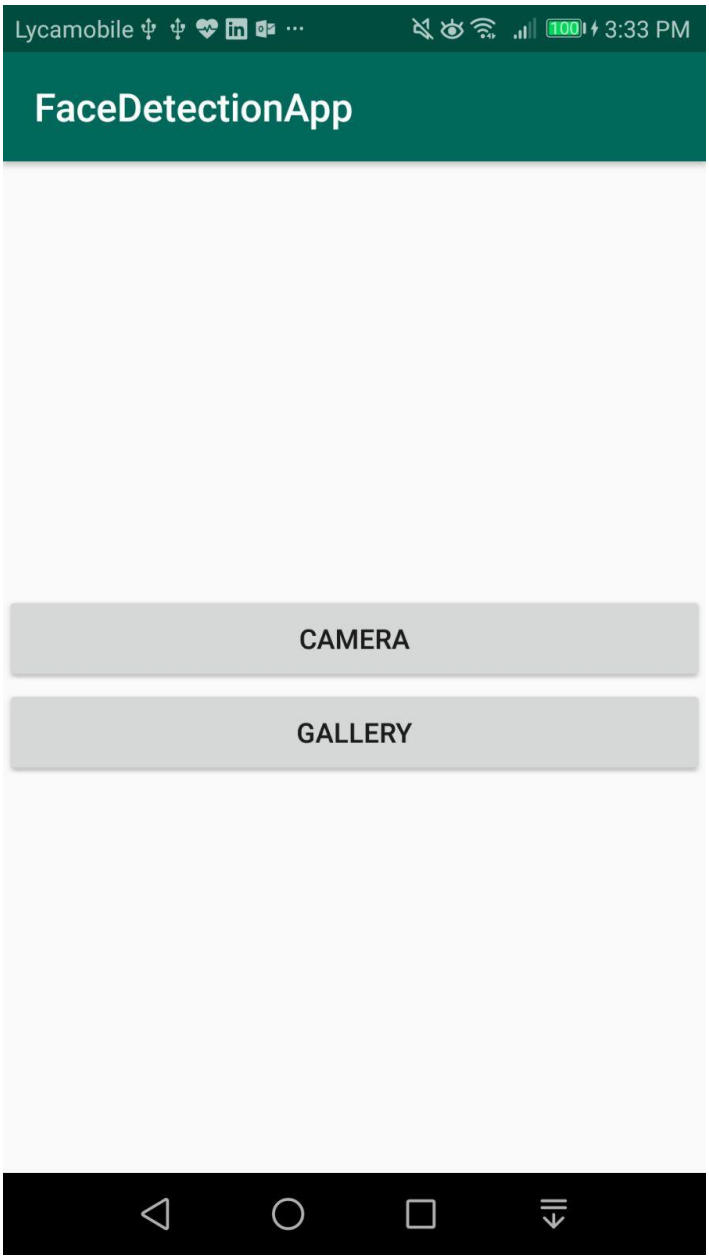
```
TextView TvSteps;
Button BtnStart;
Button BtnStop;


@Override
protected void onCreate(Bundle savedInstanceState) {
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);


    // Get an instance of the SensorManager
    sensorManager = (SensorManager) getSystemService(SENSOR_SERVICE);
    accel = sensorManager.getDefaultSensor(Sensor.TYPE_ACCELEROMETER);
    simpleStepDetector = new StepDetector();
    simpleStepDetector.registerListener(this);

    TvSteps = (TextView) findViewById(R.id.tv_steps);
    BtnStart = (Button) findViewById(R.id.btn_start);
    BtnStop = (Button) findViewById(R.id.btn_stop);
```

PART 2: FACE DETECTION

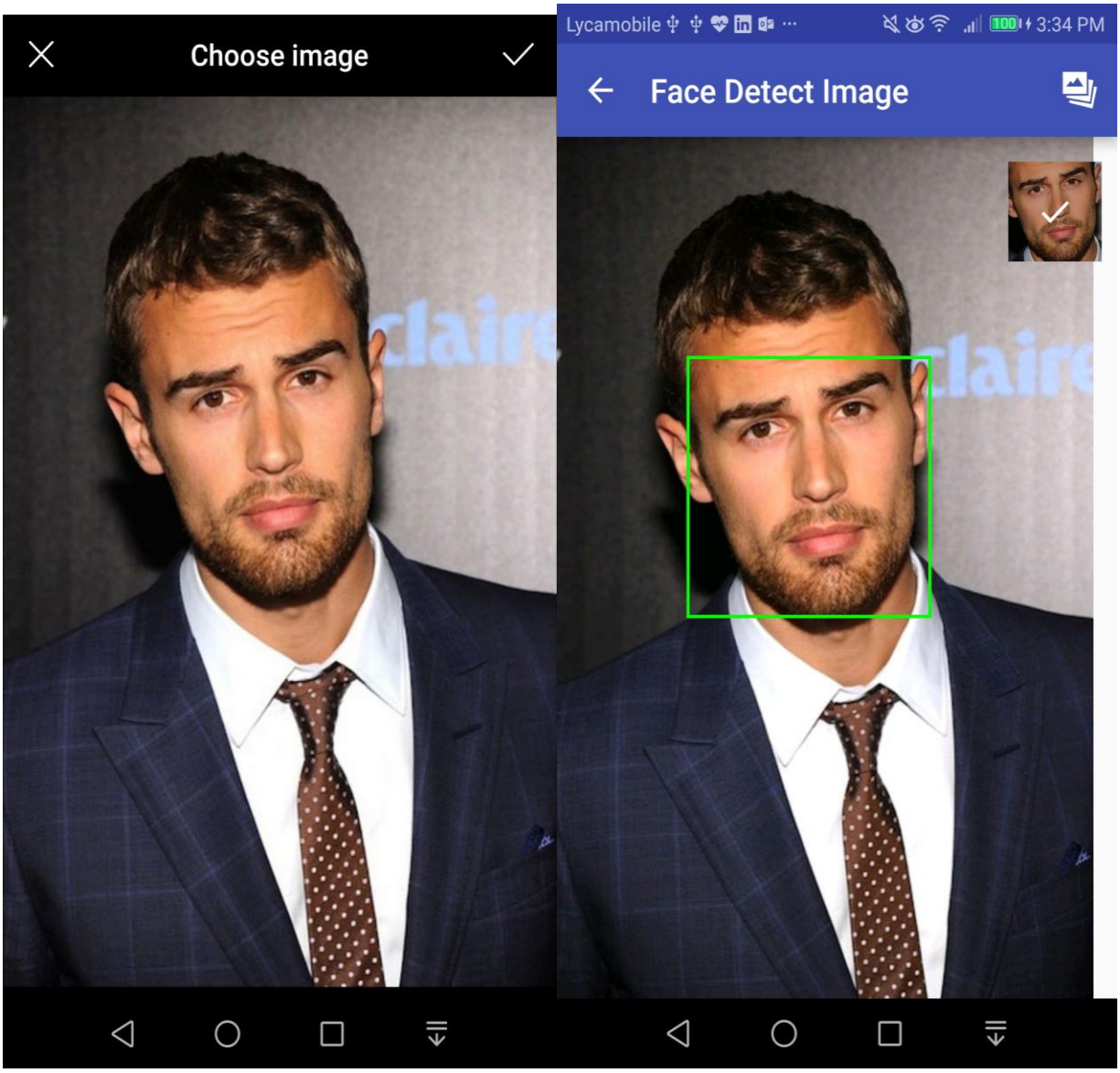
Following is the screenshot of my Face detection application

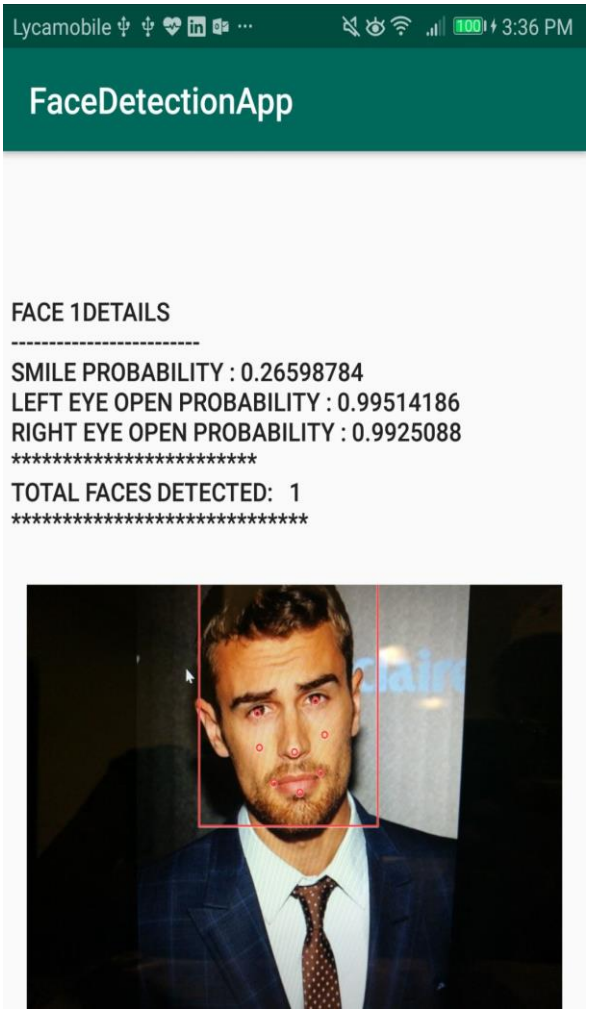
* User can choose a picture from gallery

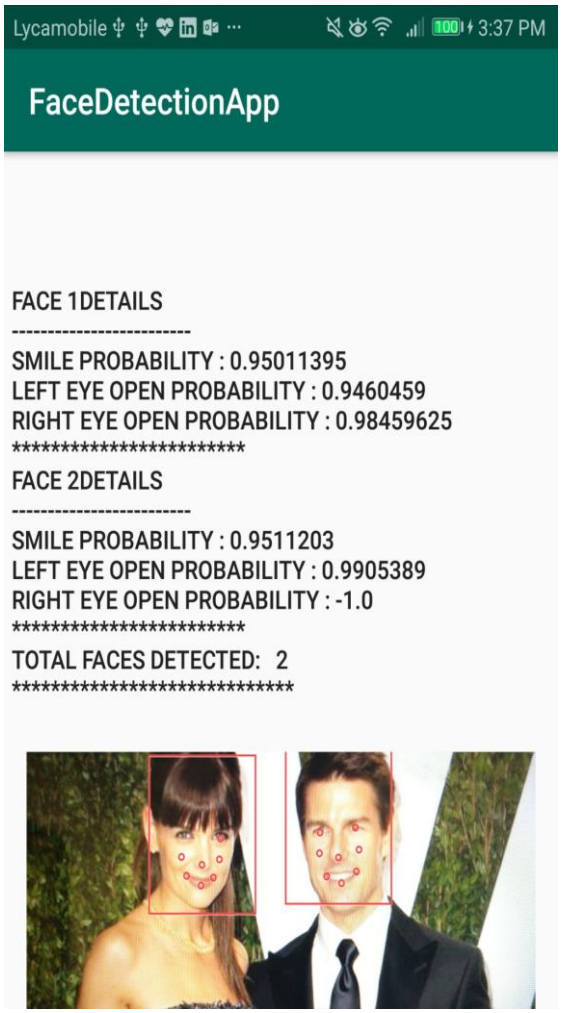
* User can scan images using Camera



If User selects "Gallery" option:







If User selects "Gallery" option:

Following is the link to a video of my app:

https://github.com/snehadidigam/Web-Cloud-Mobile-Programming-Assignmets/blob/master/MobileAssignment2/documentation/FaceDetect/WhatsApp%20Video%2020188-04-25%20at%204.36.52%20PM.mp4

Following are the screenshots of my camera option scanned images: