**Problem Statement 4: Head count**

Create an android app that will count the number of people present in a given frame by performing headcount.

The app should have the following features

* Display the live stream captured by the mobile camera and simultaneously display the count of people.
* Inferencing using Deep Learning will be performed only on an image from the live stream after every few seconds. But the live video stream should continue without lag.
* The count should get refreshed after every few seconds. (Tune the refresh time as per computational resources available)

What will be given during the day of the hackathon:

* A pre-trained model that detects multiple objects along with people.

**Links** -

Installation :

<https://www.tensorflow.org/install/>

Installation instructions:

<https://github.com/tensorflow/models/blob/master/object_detection/g3doc/installation.md>

Repository :

<https://github.com/tensorflow/models/tree/master/object_detection>

Model :

<https://github.com/tensorflow/models/blob/master/object_detection/g3doc/detection_model_zoo.md>