**Problem Statement 2: Describe**

The capability of Deep Learning to understand images gives a lot of scope to create applications that can help people with disabilities. Create an android app that can describe what the mobile camera is looking at.

The app should have the following features

* Display and describe the content of the live stream captured by the mobile camera.
* 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 description of the scene should be displayed along with the live stream and should get refreshed after every few seconds. (Tune the refresh time as per computational resources available)
* Store the scene (image) and its tags (Keywords in generated comment)
* Search and retrieve the scenes (images) using tags.

What will be given during the day of the hackathon:

* A Deep Learning model that is able to return the description of a given image.

**Links** -

Installation :

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

Reference Link :

<https://github.com/tensorflow/models/tree/master/im2txt>

Model :

ckpt file - <https://drive.google.com/file/d/0Bw6m_66JSYLlRFVKQ2tGcUJaWjA/view>

Word\_count file - <https://drive.google.com/file/d/0Bw6m_66JSYLleHdDNmpndjNPVDg/view>