Project Team Members:

Name	Net-Id
Pawan Patil	pxp180029
Mihir Joshi	mxj180007
Vishal Shah	vjs180000

• Project Topic:
Image captioning with deep neural networks

For sentence-based image description, we will use the Flickr30k dataset which is a standard benchmark. This dataset contains 244k coreference chains and 276k manually annotated bounding boxes for each of the 31,783 images and 158,915 English captions (five per image) in the original dataset. Our project combines an image-text embedding, detectors for common objects, a color classifier, and a bias towards selecting larger objects.

• Technique/Algorithm you plan to implement: Deep Neural Networks

• Dataset details: Number of features - 3, Number of instances - 31K.

• Coding language / technique to be used: Python

❖ References:
❖ https://www.kaggle.com/hsankesara/image-captioning/data
❖ http://slazebni.cs.illinois.edu/publications/iccv15_entities.pdf