**Action Detection model**

* Tool Used - Watson Visual Recognition
* Model Used - Object Detection
* Usage in application - using IBM Watson API
* Training data size (Each with multiple people in frame)- walk- 20, stand- 15, sit- 18, sleep- 10, Total Images Used- 59

**Proximity and crowd counting model**

* Library Used - PyTorch
* Package used from above library - Torchvision
* Model Used - vgg16 with pretrained=True (Loads the cache from vgg16)
* Concept Used- Landmark Detection
* Model implements - Convolutional Neural Network architecture (CNN)
* Usage in application - Over a Python Flask Server
* Training data size - 300 images