



**CSE 541 Computer Vision  
Weekly Report Progress**

**Topic - Person retrieval in surveillance videos using attribute recognition**

**Group name - Visionaries\_4.0**

NAME	ENROLLMENT NUMBER
Zalak Shah	AU2040217
Freyal Shah	AU2040228
Khush Soni	AU2040239
Dhruvam Bhalodiya	AU2040031

**Tasks performed this week:**

We got the results of the detection model that we tested using the Pascal VOC dataset. The Pascal Visual Object Classes (VOC) contains around 20 different types of object categories that includes vehicles, household, animals, and others. It indicates that our model can differentiate the person and other objects efficiently.

**Outcomes of the tasks performed:**

Understood the importance of diversity in the dataset. The model needs to be rectified for the Pascal VOC dataset because previously, we used the

CrowdHuman dataset. We got the boundary boxes in the format of the Yolo architecture model. Removed the data files that have no value of size in it. So that it does not affect the model accuracy.

**Tasks to be performed in the upcoming week:**

Training the model with C.S. Chan Crowd dataset and measuring the accuracy with some real life data taken from the crowded places of university.