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ID Number: **ID-09**

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| S.No | Date | Work Done Today | Next Day Plan | Important things to Remember |
| 1 | 12/5 | 1. Installed python and its necessary library functions(numpy, opencv, pip, pillow, matplotlib etc).  2. Learnt about using those library functions.  3. Installed sublimetext. |  |  |
| 2 | 15/5 | 1. Installed and learnt about using git.  2. Done with web cam readings. 3. Worked and written code on eyes,mouth and Face detection  4. Made histograms of our own faces. |  |  |
| 3 | 16/5 | 1. Working on running detection.  2. Got code on human detection and yet to have minor edits.  3. Analysed and studied about some of the motin detection codes. |  | \*\*HOG descriptor function |
| 4 | 17/5 | 1. Watched the videos of Dataset Training, Training Program & worked on practicing those things.  2. Made code on human walking detection | Work needed on human running detection |  |
| 5 | 22/5 | Searched for human xml files,trying to linking up with walking detection code.still in process. |  |  |
| 6 | 23/5 | Made changes to code. But it was not accurate to detect.Learning about training data sets. | work needed to be done on training data sets |  |
| 7 | 24/5 | Training data sets.Got around 2000 positive and negative images.Still in collecting images and further work related to be done |  |  |
| 8 | 25/5 | Got around 3000 positive and negative images. | Learning to train in digital ocean.Train the haarcascade |  |
| 9 | 26/6 | Learnt to train in digital ocean.Working on training the haarcascade in digital ocean for running detection |  |  |
| 10 | 29/6 | Trained and extracted xml file from around 1000 positive nd 2000 negatve images for running detection |  |  |
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