Date
23-May
24-May
25-May
26-May
27-May
30-May
31-May
01-Jun
02-Jun
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11-Jul
12-Jul
13-Jul
14-Jul
15-Jul

Work done
Linux commands, cpu-gpu, opencv- basics to thresholding, installed anaconda
Image, Filtering, Morphological transformations, Edge detection, worked on python
Given bearing. Accessed usb webcam, circle detection, manually drew roi
Template matching, showed present if object in roi, added changes to cameratest_resol code-->no light case
Thresholding, presence absence detected for bearing in presence of light
Circle detection of bearing
Calculation and display of radius calculated of bearing in presence of light
Got rims of three different models did model identification for them
Made few changes to the code and tried to get polygon template
Worked on PPT
Studied about ML and made some changes to PPT
Double print defect - tried using contours and blob detection
Double print defect
Worked on PPT
PPT
Vendor visit - BLG Logistics
Hospitalised
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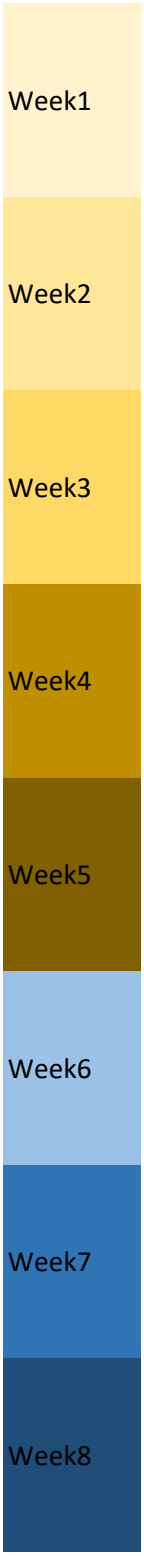
WFH - Uploaded the whole data to drive
WFH - Separated data wrt defects and models
WFH - Read about softwares used in labelling and training data
WFH - Introduction to yolov5 and detecto
WFH - Labelled the data with image recognition but didn't support yolov5 format
WFH - Labelled the data with object detection - for train and val
WFH - Trained the data from google collab by mounting with drive. Tried on jupyter too but didn't work
WFH - Based on the accuracy observed tried to change epochs, confidence factor to improve it.
Travel
Training data
Multimasking of images
Detecto model used
Tried to improve accuracy and worked on ppt
PPT
Review final


Week1
Week2
Week3
Week4
Week5
Week6
Week7
Week8