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ID Number: 08

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| S.No | Date | Work Done Today | Next Day Plan | Important things to Remember |
| 1 | 15/05/2017 | Written code for motion and boundary for that object which is moving. | Use a union of upper body(face,ear,nose,mouth,hands),lower body to detect human motion and keep track of timefor motion | Discuss time to time with dheeraj,sunil and shravan. |
| 2 | 16/05/2017 | Updated the code wheather moving object is human or not | Wheather human is child or adult detection.weather motion is walking or running. |  |
| 3 | 17/05/2017 | Updated the code for differentiation for human and cat motion.Collected data sets | Update code for dog and cow.  Collect more data sets. |  |
| 4 | 18/05/2017 | code can identify cat,human(if part of face is visible).collected data sets. | Update for dog and bike. |  |
| 5 | 19/05/2017 | Written code for Roi.  How to cut it out in polygons and trianglesfrom agiven frame. |  | Discuss with Mr.Naveen and complete the total roi. |
| 6 | 20/05/2017 | Created ROI for Pongal vedios. | Complete seat status. |  |
| 7 | 22/05/2017 | Seat allocation for given seat completed.Almost completed total seat occupied status in Pongal. | Take data sets of Pongal from Mr.Naveen and assign threshold for particular seats and complete total seat allocation status. | Take data sets of Pongal from Mr.Naveen. |
| 8 | 23/05/2017 | Completed occupied status for Table-1 and 2 in Pongal using motion detection and Threshold values for time and stuff |  |  |
| 9 | 24/05/2017 | Completed code for seat Status at Pongal and worked on focal length of cameras for Size detection. | Connect UI and status. |  |
| 10 | 25/05/2017 | Added threading to the code and workingon avg.color. | Complete avg color and seethe thresholds if it is accurate need to add. |  |
| 11 | 26/05/2017 | Added update of seat status for every 3secs.Combined Ui and algorithms.Installed Python3.5 and converted code into it. |  |  |
| 12 | 27/05/2017 | Mathematical eqn for Car counting is done.Added Multithreading to UI. | Make status button to itself in UI. |  |
| 13 | 29/05/2017 | Divided given frame into no.of regions such that aspect ratio same as original. | Update a new UI. |  |
| 14 | 30/05/2017 | Updated new Ui but video is not playing and is not update is going after complete running of code. | Do modifications to code such that vedio runs parallel to thsat of updation of seatstatus. |  |
| 15 | 31/05/2017 | Completed code for video playing parallel to that of seat updation status. |  |  |
| 16 | 1/06/2017 | Idea is done for complete parking solution. |  |  |
| 17 | 2/06/2017 | Code is done for parking slot. | Working on fixing thresholds for lanes. |  |
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