CSE Senior Project Logbook Entry

|  |  |
| --- | --- |
| **Meeting Date: 8/9** | |
| **People In Attendance** | **People Absent** |
| Dr. AbdelKarim Erradi  Abdelmonem Mohamed  Mohamed Ashraf  Hussein Aly | None |

|  |
| --- |
| **Tasks Completed**  In this section discuss progress on any tasks the team worked on this week. What was done? What still needs to be done? What problems have been encountered? |
| * Literature review on people counting technologies was made by Mohamed ashraf , and based on that he suggested candidate hardware component, however, a further research need to be done to get a better idea about the suitable approach for crowd counting. * Abdelmonem and Hussein managed to get the basics of sumo and managed to conduct a small simulation of the traffic around the korneash area, no problems were encountered. |

|  |
| --- |
| **Summary of Discussion**  In this section briefly summarize what was discussed during the meeting. |
| In the meeting we discussed the GTFS files and schema provided by Mowasalat, and, we discussed the possible ways to simulate the public transportation system of Qatar using sumo to be able to get datasets that will help in the development process. Furthermore, we discussed the hardware approach on crowd counting and what is the ways of overcoming its challenges such as accuracy and efficiency. |

|  |  |
| --- | --- |
| **Tasks for Next Meeting**  What needs to be done between now and the next meeting? | |
| **Task** | **Assigned to** |
| Finding Candidate hardware components for crowd counting | Mohamed Ashraf |
| Literature survey on Camera-based and sensor-based crowd counting | Mohamed Ashraf |
| Understanding GTFS files structure and schema | Abdelmonem / Hussein |
| Finding research paper on public transport simulation | Abdelmonem / Hussein |

|  |
| --- |
| **Other Notes**  Anything else you want to include in this logbook entry |
|  |

|  |  |
| --- | --- |
| Student Signatures and Date | Faculty Signature and Date |
|  |  |