CSE Senior Project Logbook Entry

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| **Meeting Date: 12-9** | |
| **People In Attendance** | **People Absent** |
| Dr. AbdelKarim Erradi  Abdelmonem Mohamed  Mohamed Ashraf  Hussein Aly | None |

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| **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? |
| * Understanding GTFS files and schema * Literature survey on crowd counting techniques |

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| **Summary of Discussion**  In this section briefly summarize what was discussed during the meeting. |
| In the meeting we first discussed Mendeley tool and how we can use it to help documenting our work and share useful document with each other’s. after that we discussed with Mohamed Ashraf about his literature review findings, and we decided to go with the camera-based crowd counting. Also, we discussed the challenges that comes with that approach such as privacy concerns and  Differentiating between passing by people and waiting passenger. Also, we discussed the possible methods and techniques to simulate the public transportation system in sumo. |

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| **Tasks for Next Meeting**  What needs to be done between now and the next meeting? | |
| **Task** | **Assigned to** |
| Discover multiple architectures of the ML model | Mohamed Ashraf |
| Discover privacy issues and how to avoid them | Mohamed Ashraf |
| Simulating bus stations and bus routes sumo | Abdelmonem / Hussein |
| Simulating bus users on sumo | Abdelmonem / Hussein |

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| **Other Notes**  Anything else you want to include in this logbook entry |
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| Student Signatures and Date | Faculty Signature and Date |
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