NIC CA2 Group Project Minutes

**Group:** Group M

**Members:** Hugo Hewitt, King Lok Lam, Yifeng Wang, Daji Liang, Ahmed Usama, Priyanka Naithani

**Minutes:**

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| Date | Discussion | Attendees |
| 26/11/2023  Online meeting at 11:30 | -Introductions, getting to know each other  -Discuss the problem  -Understand what is needed  -Create GitHub and setup basic workspace  -Next meetings decided:  -Online meeting 28/11/2023 at 18:00  -In person meeting Innovation Café starting at 15:30 to 16:00 | Hugo Hewitt,  King Lok Lam,  Yifeng Wang,  Daji Liang,  Ahmed Usama,  Priyanka Naithani |
| 28/11/2023  Online meeting at 18:00 | -Discussed how to progress  -Research into different algorithms  -Algorithm suggestions | Hugo Hewitt,  King Lok Lam,  Yifeng Wang,  Daji Liang,  Ahmed Usama,  Priyanka Naithani |
| 30/11/2023  In person meeting in the Innovation centre at 16:00 | -Discussed the possible options for algorithms  -Discussed what we have done, including some coding by Lam and some research into methods by Ahmed | Hugo Hewitt,  King Lok Lam,  Yifeng Wang,  Daji Liang,  Ahmed Usama |
| 05/12/2023  In person meeting in the Washington Singer building at 13:30 | -Different approaches discussed  -Discussion about the Implement NSGA-II  -Compare algorithms, research at least 3 others  -Write background of TTP(Travelling Thief Problem)  -Discussion about experiments to improve algorithm  Task Delegation:  Ahmed -> Intro and Traveling Thief problem description.  Daji, Priyanka, Yifeng -> Comparison of other techniques (NSGA-II, ACO, greedy, particle swarm, MOEA/D)  Hugo, Lucas -> Writing NSGA-II implementation (Hugo: Knapsack, Lucas: TSP)  Next meetings decided:  -Online meeting 07/12/2023 at 15:00  -Sunday to finish the coursework off. | Hugo Hewitt,  King Lok Lam,  Yifeng Wang,  Daji Liang,  Ahmed Usama,  Priyanka Naithani |
| 07/12/2023  Online meeting at 15:00 |  |  |

**Signed:**

*Hugo Hewitt*