**Initial Plan**

**Designing and making judging aid for canoe slalom**

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**CM3203 – One Semester Individual Project**

# Project Description

# Project Aims and Objectives

## Background research

# Work Plan

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| **Week** | **Tasks** | **Milestones** |
| **Week 1**  31/01/21 | * Write initial plan * Meet with supervisor to finalise aims of the project * Start background research on sensors and technology |  |
| **Week 2**  07/02/21 | * Continue with more in-depth background research * Start learning and experimenting with necessary technology and frameworks * Design the physical product | Initial plan submitted |
| **Week 3**  14/02/21 | * Make the physical slalom pole * Create the basic sensor solution * Start writing introduction and background for final report |  |
| **Week 4**  21/02/21 | * Continue working with sensors * Begin work on sensor calibration | Sensors are set up and working, mounted to the poles |
| **Week 5**  28/02/21 | * Finish sensor calibration * Start work on web app * Begin writing approach section of final report |  |
| **Week 6**  07/03/21 | * Start work on implementing camera onto the pole |  |
| **Week 7**  14/03/21 | * Continue with more report writing * Work on instant replay for camera |  |
| **Week 8**  21/03/21 |  |  |
| **Week 9**  28/03/21 |  |  |
| **Week 10**  04/04/21  **(Easter)** | * Additional contingency time |  |
| **Week 11**  11/04/21  **(Easter)** | * Additional contingency time |  |
| **Week 12**  18/04/21  **(Easter)** | * Additional contingency time |  |
| **Week 13**  25/04/21 | * Finish testing and evaluation of the product |  |
| **Week 14**  02/05/21 | * Focus on report writing |  |
| **Week 15**  09/05/21 | * Ideally finish writing and editing report |  |
| **Week 16**  16/05/21 | * Finish up writing report | Final report deadline 20/05/21 |

# Ethical considerations