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Group Project

**Second Demonstration & Presentation Assessment Sheet**

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| **Group Name Group C**  **Supervisor: Dr Ed Stewart** |

The following sections are intended to provide feedback about your performance.

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| **Presentation Skills (20% of overall mark)** | 1+ | 1- | 2.i+ | 2.i- | 2.ii+ | 2.ii- | Fail |
| *Presentation, visual aids, etc.* |  | x |  |  |  |  |  |

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| **Technical Progress to Date (40% of overall mark)** | 1+ | 1- | 2.i+ | 2.i- | 2.ii+ | 2.ii- | Fail |
| *Progress, hardware built, software written, equations, etc.* |  | x |  |  |  |  |  |

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| **The Results (40% of overall mark)** | 1+ | 1- | 2.i+ | 2.i- | 2.ii+ | 2.ii- | Fail |
| *Competition Results. Evidence that the results are commensurate with a group exercise. Technical, time, resource and skill management.* |  | x |  |  |  |  |  |

Total grade allocated [in 1+,1-,2.i+,2.i-,2.ii+,2.ii-,F]: 1- .

# Comments And Advice

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| A good detailed presentation but you needed to separate requirements, design and implementation to make things clearer. It was good to see the justification and evaluation of your design decisions and you should make sure this forms part of your report. Also you showed a very good comparison of different technologies. One or two of your slides were however unreadable such as your flow chart! Your explanation of your fuzzy control system was good but some simulation results would have enhanced your presentation. It would have been useful to have been given a bit more detail on how your fuzzy membership functions were arrive at. Also the technical content of your vision system could have been better explained and in particular the use of the mean shift algorithm. This was an interesting approach and we needed more detail. This understated the complexity of this component of your system. The use of Labview and visual programming techniques was a nice approach to the software development.  For the demo, there was some evidence of a balanced broom. Using a tracking algorithm was one of the weaknesses in your system as you had no strategy to recover from a loss of the tracked template.  continue overleaf if required |

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| Project Team Assessor(s) ): MS, ES, NJC, TJ Date: 26/3 |