

MARKING CRITERIA AND STUDENT FEEDBACK

MODULE: Major Project	ASSIGNMENT: Dissertation Report
STUDENT: Rainbow Bartram	DATE: 30/4/19

This section details the assessment criteria. The extent to which these are demonstrated by you determines your mark. The marks available for each criterion are shown. Lecturers will use the space provided to comment on the achievement of the task(s), including those areas in which you have performed well and areas that would benefit from development/improvement.

Common Assessment Criteria Applied	Marks available	Marks awarded	% Awarded								
1. Research-informed Literature (Extent of research and/or own reading, selection of credible sources to support the aims of the project) Extent of research and/or own reading, selection of credible sources, application of appropriate referencing conventions.											
70-79%: Inclusion of a wide range of research-informed literature, including sources retrieved independently. Selection of relevant and credible sources. Very good use of referencing conventions, consistently applied. <i>Wide range of sources effectively embedded in background research and used to inform your design choices. It would have been good to see some specific application research to support general requirements such as maximum temperatures and vibrations seen in this application. It would have been good to have seen some references and review other logger system designs and compared these to your proposed solution.</i>	10	7	70								
2. Knowledge and Understanding of Subject (Ability to identify problems within, and technical direction of the project) Extent of knowledge and understanding of concepts and underlying principles associated with the discipline.											
60-69%: Knowledge is extensive. Exhibits understanding of the breadth and depth of established views. <i>You could have given a rationale for aim 2 (using current hardware). Good knowledge of background and application. CAN explained well. Some of the uses of sensor types could be more specific - damper travel can be used for damper analysis using derived damper velocity, vehicle attitude calculations and load calculations. Eq8 not always valid. It would have been good to see a section on the most important information to develop the car and why - this would have led your design and supported a specification more clearly.</i>	10	6.25	63								
3. Analysis (technical ability, analytical content and ability) Analysis, evaluation and synthesis; logic, argument and judgement; analytical reflection; organisation of ideas and evidence											
60-69%: Sound, logical, analytical thinking; synthesis and evaluation. Ability to devise and sustain persuasive arguments, and to review the reliability, validity & significance of evidence. Ability to communicate ideas and evidence accurately and convincingly. Sound, convincing conclusions / recommendations. <i>CAN bus calculations are good, but you could have explained these in more detail. Logging time final calculation not clear. Good to see considerations of environment influencing design. Clear design schematic and pin-pin specification. Good detailed bill of materials/coasting. Good to see some limitations highlighted. Proposed solution is expensive, some of the justification for the selection of expensive elements could be convincing - are there actually required for the application or have you just taken the safest route?</i>	35	22.8	65								
4. Practical Application and Deployment (progression/achievement, ability to draw conclusions and understand results) Deployment of methods, materials, tools and techniques; application of concepts; formulation of innovative and creative solutions to solve problems.											
60-69%: A very good application of a range of methods, materials, tools and/or techniques. Very good consideration of the context of the application, with perceptive use of examples, where relevant. Evidence of some innovation and creativity. <i>It is a shame you did not manage to reach the prototype manufacture stage of the loom so that it could be tested - this would have proven your design. Some of the specific sensor mounts could be more clearly defined. Your project did however develop well throughout the period and you responded well to 'moving goalposts' from the client.</i>	35	22.8	65								
5. Skills for Professional Practice (Quality of presentation and success in communicating the aims and scope of the project) Attributes in professional practice: individual and collaborative working; deployment of appropriate media; presentation and organisation.											
70-79%: Can communicate professionally and, confidently in a suitable format. Can work professionally within a team, showing leadership skills as appropriate, managing conflict and meeting obligations. Work is coherent, very fluent and is presented professionally. <i>A professional, well presented report Rainbow which follows the technical report guidelines. Timeplan with evidence project adapted as requirements changed.</i>	10	7.5	75								
Assignment Mark (Assessment marks are subject to ratification at the Exam Board. These comments and marks are to give feedback on module work and are for guidance only until they are confirmed.)	<table> <tr> <th colspan="2">Late Submission Penalties (tick if appropriate)</th><td rowspan="3">66</td><td rowspan="3">%</td></tr> <tr> <td>Up to one-week late</td><td></td></tr> <tr> <td>Over one week late</td><td></td></tr> </table>			Late Submission Penalties (tick if appropriate)		66	%	Up to one-week late		Over one week late	
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