

Project Title: _____ Student Name(s): _____

Elements	Needs Improvement	Competent	Excellent
<p>Abstract/Summary - Project Background - Summary</p> <p>____ / 10</p>	<ul style="list-style-type: none"> ▪ Insufficient details provided for the project background to understand the project. ▪ Summary of the project report is confusing or irrelevant 	<ul style="list-style-type: none"> ▪ Description of the project background is explained in adequate detail. Missing some information. ▪ Summary of the project report is adequately explained. 	<ul style="list-style-type: none"> ▪ Clear description of the project background explaining the project in full detail. ▪ Summary of the project report is well laid out and concise.
	0-3 point	3-7 points	7-10 points
<p>Design Section - Component selection - Theory - Justification</p> <p>____ / 25</p>	<ul style="list-style-type: none"> ▪ Little to no explanation of the theory of the design and selected components ▪ Choice of components are poorly justified and/or make little practical sense. ▪ Little to no visuals. 	<ul style="list-style-type: none"> ▪ Partial explanation of theory and logic of the design and selected components. ▪ Justification for choosing components adequately explained and are sensical. ▪ Diagrams, flow charts and some visuals are included. 	<ul style="list-style-type: none"> ▪ Comprehensive explanation of the theory and logic of the design and selected components. ▪ Justification for choosing components is well explained and logically sound. ▪ Diagrams, flow charts and any other visuals used to explain the design are professionally made.
	0-8point	8-18 points	18-25 points
<p>Simulation and Testing - Test methods - Simulation - Implementation</p> <p>____ / 30</p>	<ul style="list-style-type: none"> ▪ Reasoning for chosen tests poorly explained and are hard to follow. ▪ Simulated results insufficiently explained and/or have discrepancies with waveforms. ▪ No waveforms. ▪ Results from implementation not acknowledged. 	<ul style="list-style-type: none"> ▪ Reasoning for chosen tests explained in adequate detail. Expected inputs and outputs are stated. ▪ Simulated Results explained with reference to waveforms. ▪ Results from implementation are explained/acknowledged. 	<ul style="list-style-type: none"> ▪ Reasoning for chosen tests explained in great detail. Expected input and output clearly defined. ▪ Simulated results well explained and referenced to annotated waveforms. ▪ Test procedure and results from implementation explained in great detail.
	0-10 points	10-20 points	20-30 points

<p>Discussion and Conclusion</p> <p>- Discussion of results</p> <p>- Concluding remarks</p> <p>____ / 25</p>	<ul style="list-style-type: none"> ▪ Project is poorly summarized. ▪ Little to no reflection on the project problem. ▪ No acknowledgement of the optimizations made and/or areas to be improved. 	<ul style="list-style-type: none"> ▪ Project is summarized in adequate detail. ▪ Adequate reflection on the project problem and some elaboration on the questions/issues encountered. ▪ Adequate reflection on the design choices and some acknowledgement of optimizations made and areas to improve. 	<ul style="list-style-type: none"> ▪ Project is summarized in great detail. ▪ Deep reflection on the project problem and elaboration on the questions/issues encountered during the project and how they were solved. ▪ Deep reflection on the design choices and acknowledgement on optimizations and areas where the design could be improved.
	0-8point	8-18 points	18-25 points
<p>Appendices</p> <p>- Organization</p> <p>- Completeness</p> <p>____ / 5</p>	<ul style="list-style-type: none"> ▪ No Appendix 	<ul style="list-style-type: none"> ▪ Appendices are missing projects components and/or poorly labels them 	<ul style="list-style-type: none"> ▪ Appendices are well Organized and Project components are clearly labelled.
	0-1.5 points	1.5-3.5 points	3.5-5 points
<p>Formatting</p> <p>____ / 5</p>	<ul style="list-style-type: none"> ▪ Report missing basic requirements such as the title page or outline. ▪ Placement of visuals are sporadic. ▪ Report is difficult to follow. 	<ul style="list-style-type: none"> ▪ Report is sufficiently formatted with all the required elements. ▪ Organization is adequate. 	<ul style="list-style-type: none"> ▪ Report is formatted beautifully with a cover page, table of contents, headers and all visual placements are well thought out. ▪ Pages are numbered and the report is easy to follow.
	0-1.5 points	1.5-3.5 points	3.5-5 points
<p>____ / 100</p>			

Marker Name: _____ Marker Signature: _____

