

MAJOR PROJECT - Final Report – 55%

Student Name:	Ivan Alexander Thomas
Title of Project:	Penetration Testing of an industrial IOT Wireless Sensor Network
Supervisor:	Carlene
2nd marker:	Kapilan
Course:	BIT BusComp CIS <u>CNets</u> CSE Electrical Games Mobile TRE SE Web (please circle)
Project Type:	Survey Review Experiment Development (please circle)

	Mark %
<u>First Marker's General Comments and Original Mark</u> It is an interesting project in that the way of attacking a propriety vendor system was done, had shown that a lot of thought process and research was put into it. This was evident in the literature review. The recommended improvement for higher mark is to give more detailed explanations/discussions in the design, implementation and results discussion. The Novelty of attacking a propriety vendor is what makes it a unique project that stood out from the rest of experimental projects that built up on other current/existing ones.	79
<u>Second Marker's General Comments and Original Mark</u> 	79

Comment After Consultation With Other Marker & Final Agreed Mark

79

Signature: Date:

	Survey	Review	Experiment	Development
1. Research-informed Literature				
Introduction	/5	/5	3.5/5	/5
Literature Review	/20	/35	17.5/20	/15
Comments: Introduction states what the project is about but could elaborate upon more. However, achievable aims, objectives and brief description for the rest of the chapter was done. The literature review demonstrated wide range of reading to gain sufficient background knowledge to carryout project aim and objectives.				
	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	4/5	/5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	/5

Comments:

The appropriate methods and approaches clearly outlines and explained.

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	20/25	/25
Conclusions and Recommendations	/10	/10	7.5/10	/10
Comments: Interesting way of carrying out test to attack a propriety system. This shows a lot of thoughts and research has put in. However, it would be good if more detail explanation was done. Conclusion sums up nicely what was done and with well throughout recommendations for future research.				
	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	/15
Experimental Design	-	-	12/15	-
Comments: Design outlined, explained and place in context. A given scenario used as well to clearly design the process to make it understandable to the reader and meeting the objectives. However, a conceptual view of a diagram would be good for visualisation purpose. Tools used to solve design solution was explained with screenshots. More steps could be outlined and documented.				

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	8/10	/10
Quality of Report	/10	/10	6.5/10	/10
Comments: A documented reflection was done giving clear account of pitfalls and improvement that could have been done. A presentable report but has spelling, typo and other minor grammatical errors. Each chapters should start on another page, this in some instance this was not done.				
TOTAL:	/100	/100	79/100	/100

