

MAJOR PROJECT - Final Report – 55%

Student Name:	William Thomas
Title of Project:	Building a secure home network
Supervisor:	John Rees
2nd marker:	Kapilan Radhakrishnan
Course:	BIT BusComp CIS <u>CNets</u> CSE Electrical Games Mobile TRE SE Web (please circle)
Project Type:	Survey Review <u>Experiment</u> Development (please circle)

	Mark %
<u>First Marker's General Comments and Original Mark</u> Good work on the project, plenty of effort and some sophistication. Generally well written up.	70
<u>Second Marker's General Comments and Original Mark</u>	
<u>Comment After Consultation With Other Marker & Final Agreed Mark</u>	

Signature:  Date: 17/05/2018

	Survey	Review	Experiment	Development
1. Research-informed Literature				
Introduction	/5	/5	4/5	/5
Literature Review	/20	/35	15/20	/15
Comments: The introduction is relatively clear. It could do with a little more explanation of why the problem matters, but lays out the proposed objectives and approach to decent effect. The literature review is in a slightly unusual format, in that it is organised on paper titles and author rather than topic. However, it delivers pretty much what one might expect in terms of ideas for the project and contains a good amount of detail. It is also laid out in a logical sequence in line with the report structure.				
	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	5/5	/5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	/5
Comments: The method is based on appropriate understanding of methodology. This is an hypothesis, implement and test project, and the approach is very much followed. The use of a survey to garner opinion and data around the way individuals use firewalls is good practice. It is let down by the choice of cohort colleagues as the subject group, in that the computer literacy and security awareness of network students in particular and computing students in general is significantly above that of the general public.				

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	17/25	/25
Conclusions and Recommendations	/10	/10	6/10	/10
Comments: The results are presented in a structured manner. Discussion is necessarily limited, as the evaluation of the hypothesis is “worked/didn’t work” in some of the tests. The conclusions drawn are appropriate. A little more could have been made of the data.				
	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	/15
Experimental Design	-	-	12/15	-
Comments: Very much a classic approach, implement and test. The implementation is sophisticated, and required a good understanding of the underlying protocols and how they work. The nature of the project doesn’t lend itself to statistical approaches.				

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	5/10	/10
Quality of Report	/10	/10	6/10	/10
Comments: The report guidance suggests 1.5 line spacing, whereas the student used 1.0. Not a major problem, but it makes it harder to read. The general format is good. A bit more care with capital letters is necessary (e.g. "Windows" is a product name and needs capitalisation). The basic structure is suitable to the material. The "how to" guide element is sound. The results are presented appropriately. The report could very much use a section on the ethics of penetration testing. The reflection element is adequate.				
TOTAL:	/100	/100	70/100	/100