

MAJOR PROJECT - Final Report – 55%

Student Name:	Cerys Nickels
Title of Project:	A web-based application for remote controlled lunar exploration Robotics
Supervisor:	N Whitehead
2 nd marker:	B Holland
Course:	BIT BusComp CIS CNets CSE Electrical Games Mobile TRE <u>SE</u> Web (please circle)
Project Type:	Survey Review Experiment <u>Development</u> (please circle)

	Mark %
<u>First Marker's General Comments and Original Mark</u>	
<u>Second Marker's General Comments and Original Mark</u> Well-structured project with an excellent research section. Excellent organisation and write-up of the incremental development section	70
<u>Comment After Consultation With Other Marker & Final Agreed Mark</u> <i>Although well written the development was a little weak</i>	<i>68%</i>

Signature: Date:

	Survey	Review	Experiment	Development
1. Research-informed Literature				
Introduction	/5	/5	/5	3/5
Literature Review	/20	/35	/20	14/15
Comments: Student is building a Lego mind storm robot. A brief but suitable introduction maybe the student could have introduced us to the moon and Martian Rover explorations to introduce the reader to the research. 1.2 a good explanation of the report structure. Suitable objectives identified. For the literature review we see some excellent research on lunar and Mars orations and the student has investigated the design of robotics and explain this well. She's looked into the Turing test and discussed in the context of web design. Excellent flow in the literature review presented. Student also commented on communications and AI within robotics some interesting points on terrain management. A good conclusion to this section very well written literature review.				
	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	/5	5/5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	4/5

Comments:

research and development: student demonstrates sound understanding of research methods presented an excellent section where structure reflects on her project and provides suitable supporting references to confirm her research approaches. Good use of structured hypothesis which addresses several AI issues under investigation. A good explanation of FTD.

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	/25	14/25
Conclusions and Recommendations	/10	/10	/10	6/10
Comments: Results and discussion: a good approach to analysing usability of the development and gain well-documented but not enough evidence via images of the application walk-through results other than the time box bills which have been presented well. Good final recommendations perhaps more research into systems development requirements up front would have helped to reach the end goal and provide a better working model.				
	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	10/15
Experimental Design	-	-	/15	-
Comments: The build process: good initial build and testing strategies applied and good use of time boxing. Many more pictures and information of how the local Rover moved over obstacles would have helped to explain the development. A good approach to development and a well-documented systems requirement in time box 3 maybe a little bit more in-depth detail on Bluetooth connectivity and Wi-Fi connection. TV six this demonstrates student has carried out some extensive and well documented development which has been canonised suitably at the end of each time box to reiterate no pictures of the Rover or the web. However an excellent approach and well documented. But it did eventually work.				

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	/10	6/10
Quality of Report	/10	/10	/10	8/10
Comments: Well written reflection section though it was somewhat brief. The overall quality of this report is very good. The student has structured each chapter in a coherent fashion providing a good overall read. With a solid conclusions provided at the end of each section.				
TOTAL:	/100	/100	/100	/100

