

MAJOR PROJECT - Final Report – 55%

Student Name:	Sam Mounter
Title of Project:	How the Implementation of a Bounding Volume Hierarchy...
Supervisor:	Andrew Baker
2nd marker:	Tim Bashford
Course:	Games
Project Type:	~~Survey~~ ~~Review~~ ~~Experiment~~ Development (please circle)

	Mark %
<u>First Marker's General Comments and Original Mark</u> A good effort has been made to tackle some important optimisation issues related to the real-time application of a Ray Tracer. Very well done.	71
<u>Second Marker's General Comments and Original Mark</u>	74
<u>Comment After Consultation With Other Marker & Final Agreed Mark</u>	73

Signature: Date:

	Survey	Review	Experiment	Development
1. Research-informed Literature				
Introduction	/5	/5	/5	3.5/5
Literature Review	/20	/35	/20	12/15
Comments: Good introduction carried out to introduce the reader to the topic A thorough review of literature conducted in respect of identified topics. Very Good NB> avoid using acronyms without first introducing them to the reader. Very well referenced throughout.				
	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	/5	3/5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	2.5/5
Comments: Methodology section OK – i.e. several approaches identified. Final paragraph identifies rationale for the selection an Agile approach. This section is somewhat limited – and would have benefitted from a greater discussion of the proposed methodology being used. Poor requirements document detailed. Reads more like a To Do list. Class diagrams included. Description of <u>all</u> code included in this section – not required.				

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	/25	18/25
Conclusions and Recommendations	/10	/10	/10	5.5/10
Comments: The results have been split into two sections – one for each iteration of the code. This is not ideal and makes reading of the document difficult. However, two sets of results have been captured and analysed to some extent. Comparative analysis has been evidenced to some degree across the various iterations. Further work has been embedded within the conclusions section??				
	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	11.5/15
Experimental Design	-	-	/15	-
Comments: Development: A good amount of code evidenced, with detailed class diagrams provided. The program is somewhat limited in what it actually does. However, this project aimed to tackle an aspect of ray tracing optimisation, and this this extent, I feel that the project has been quite successful.				

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	/10	8/10
Quality of Report	/10	/10	/10	7/10
Comments: Fairly detailed reflection evidenced - Good The overall quality of the report has let this project down. The structure of the report has been fairly chaotic at times. The introduction/literature review sections have been written well. These have been well referenced. However, it has been particularly difficult to see a clear path beyond the literature review that this project has taken. A very comprehensive reference list has been used throughout the document.				
TOTAL:	/100	/100	/100	71/100

