

MAJOR PROJECT - Final Report – 55%

Student Name:	Kieran Hawkins
Title of Project:	Investigating Detection Techniques for Real-Time Tracking of Billiard Balls
Supervisor:	Kemi Ademoye
2nd marker:	Michael Dacey
Course:	BIT BusComp CIS CNets 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>	81
<u>Second Marker's General Comments and Original Mark</u>	
<u>Comment After Consultation With Other Marker & Final Agreed Mark</u>	

Signature: Date:

	Survey	Review	Experiment	Development
1.Research-informed Literature				
Introduction	/5	/5	/5	4.5/5
Literature Review	/20	/35	/20	14/15
Comments: A very good introduction, although its structure could have been improved. A very detailed and highly technical analysis of a complicated topic, although more comparative analysis of the techniques within the context of the problem could have been provided.				
	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	/5	4/5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	5/5
Comments: The research process should have been described more clearly and there is little discussion of alternative design methodologies or approaches. A detailed formal software requirements and design has been provided.				

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	/25	22/25
Conclusions and Recommendations	/10	/10	/10	5.5/10
Comments: A nice set of results, although the results don't appear to relate to the tracking of the balls just the identification of the balls. The conclusion didn't really summarise the importance of the test results and overall result was only very briefly stated. More evaluation of the importance and relevance of the results was required. Likewise, the future work section focuses more on environmental factors than on new approaches to detection and object tracking.				
	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	13/15
Experimental Design	-	-	/15	-
Comments: Implementation was built upon OpenCV, but the application produced was very interesting and required a good understanding of the topic area.				

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	/10	6/10
Quality of Report	/10	/10	/10	7/10
Comments: The reflection should have focused more on the personal learning experience. Generally the report is well presented. Figure numbers should have been used with the text, this is particularly apparent in the design section.				
TOTAL:	/100	/100	/100	/100