

MAJOR PROJECT - Final Report – 55%

Student Name:	Mircea-Radu-Serban Dobrau
Title of Project:	Measurement and Analysis of the Effectiveness of Techniques used for Increasing Client-side Performance
Supervisor:	Mike Dacey
2nd marker:	Kemi Ademoye
Course:	BIT BusComp CIS CNets CSE Electrical Games Mobile TRE SE <u>Web</u> (please circle)
Project Type:	Survey Review Experiment Development (please circle)

	Mark %
<u>First Marker's General Comments and Original Mark</u>	
	57
<u>Second Marker's General Comments and Original Mark</u>	
A good project measuring the effectiveness of techniques used to improve content download time in web sites, but more techniques needed to be included as part of the experiment tests.	58
<u>Comment After Consultation With Other Marker & Final Agreed Mark</u>	
	58

Signature:  Date: 02/05/2018.....

M. R. Dacey

	Survey	Review	Experiment	Development
1. Research-informed Literature				
Introduction	/5	/5	4.5/5	/5
Literature Review	/20	/35	13/20	/15
Comments: Excellent introduction to the project with a clear project aim and objectives. Interesting and relevant concepts have been discussed in the literature review, but the discussion needs to be expanded to include a review and analysis of existing research studies that have applied these concepts.				
	Survey	Review	Experiment	Development
2. Knowledge and Understanding of Subject				
Methodology	/5	/5	2.5/5	/5
Survey Design	/15	-	-	-
Requirements/Design	-	-	-	/5
Comments: Applied methodology has been highlighted and is reasonable. The details and justifications are sometimes a bit too brief. Good discussion of the data variables collected and used in the experiment, but note that the mention of the use of Grounded Theory is not a true reflection of the approach adopted for the study.				

	Survey	Review	Experiment	Development
3. Analysis				
Results & Discussions	/25	/25	13.75/25	/25
Conclusions and Recommendations	/10	/10	5/10	/10
Comments: A good selection of tools to apply to CSS and JavaScript content to test content download time of these resources has been chosen. However, the actual content the tools have been applied to is very limited. Additional techniques also need to be explored to provide a more comprehensive analysis of methods to increase client-side performance. The presentation of the results also requires some improvements, such as appropriately adding units to and labelling the tables in the appendix and cross-referencing in your discussion. It would actually have been better if the results were inserted within the Testing and Evaluation chapter were you discuss the results.				
	Survey	Review	Experiment	Development
4. Practical Application and Deployment				
Development	-	-	-	/15
Experimental Design	-	-	7/15	-
Comments: The discussion of the experimental design is satisfactory, but requires some improvements as you mostly identify and outline the features of the tools used, but not how they are applied to the experiment. The discussion of your experimental design should be such that someone else can repeat the design from your description of it.				

	Survey	Review	Experiment	Development
5. Skills for Professional Practice				
Reflection	/10	/10	6.75/10	7/10
Quality of Report	/10	/10	5.5/10	/10
Comments: The report is of a good standard, but it requires a more thorough spelling and grammar check and some reorganisation as mentioned in the results feedback.				
TOTAL:	/100	/100	58/100	/100