

GCE A2 Computing Unit 6 (CPT6)

Centre name:

Centre no:

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Candidate name:

Candidate no:

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A Project proposal

(To be completed by the candidate and returned to the teacher for approval before the project is started)

Project title

Outline description

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Proposed computer system

Proposed implementation language and/or
proposed package(s) to be used

Candidate's signature: Date:

B Project approval *(To be completed by the teacher)*

I approve this proposal as being a suitable A Level project for the above candidate.

Teacher's signature Date

NOTE: *A candidate should be advised to undertake a project that is within their capacity to complete on time.*

This form should be kept with the project work, attached to the front of the report.
Please complete all sides of this form.

PTO

C Project development *(To be completed by teacher and candidate)*

Date started

The candidate (C) and the teacher (T) should indicate which items are present in each section by ticking the appropriate boxes , providing the related page reference.

Analysis	C	T	Page
Background to/identification of problem			
Identification of the prospective user(s)			
Identification of user needs and acceptable limitations			
Use of appropriate analysis techniques			
Data source(s) and destination(s)			
DFDs (Existing and Proposed Systems)			
Analysis Data Dictionary			
E-R model; Objective Analysis diagrams (if appropriate)			
Objectives of the project			
Realistic appraisal of the feasibility of potential solutions			
Justification of chosen solution			

Comments:

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Design	C	T	Page
Overall system design			
Description of modular structure of system			
Definition of data requirements (Design Data Dictionary)			
Description of Record Structure			
Validation required			
File organisation and processing or database design including Norm E-R model			
Identification of storage material and format			
Identification of suitable algorithms for data transformation			
Or class definitions (diagrams) and details of objective behaviours and methods			
User interface design (HCI) rationale including:			
Sample of planned data capture and entry			
Sample of planned valid output designs			
Description of measures planned for security and integrity of data			
Description of measures planned for system security			
Overall test strategy			

Comments:

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Technical solution

Evidence for this section may come from copies of code listings in the appendix and/or details of software tailoring included in the systems maintenance section. It is not expected that candidates will supply multiple copies of listings, systems or algorithm design documentation.

Comments:

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System testing

	C	T	Page
Design of test plan			
A minimal set of test data			
Expected results for typical, erroneous and extreme data			
Annotated hard copy of samples of actual test runs			
Cross-referenced to the test plan			

Comments:

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System maintenance

	C	T	Page
System overview			
A sample of detailed algorithm design			
Annotated listings of program code/macro code and tailoring			
Procedure and variable lists/descriptions for programs			
OR list of package items developed			

Comments:

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User manual

	C	T	Page
A brief introduction			
Detailed description of the use of one part of the system			
Samples of actual screen displays in situ			
Samples of error messages and error recovery procedures			

Comments:

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Appraisal	C	T	Page
Comparison of project performance against objectives			
Possible extensions			
User feedback			

Comments:

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Quality of written communication	C	T
Contents page		
Clear and logical organisation		
Set out in sections identified in the specification		
Continuous page numbering		
Information presented in continuous prose		
Good use of grammar, punctuation and spelling		
Word-processed with a clear font style and size		
Use of appropriate word-processing techniques		

Comments:

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D Teacher's notes *(To be completed by the teacher)*

Date of acceptance of completed project report:

Candidate interview comments: Date of interview:

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NOTE: An interview is essential where any doubt falls upon the authenticity or completeness of acknowledgement, or where there has been little or no opportunity for personal supervision. Otherwise, the interview is optional.

General comments on project:

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Teacher's signature: Date:

Teacher's name (please print):