

Please read the instructions before completing this form

<b>Examination Session</b>		<b>Year</b>	
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<b>Unit Code</b>	<b>G045</b>	<b>Unit Title</b>	<b>Software development – design</b>
<b>Centre Number</b>		<b>Centre Name</b>	
<b>Candidate</b>		<b>Candidate Name</b>	

**Evidence:** The candidate needs to produce a design for a solution to a given problem, in a familiar context.

If work is a re-sit, please tick		Session and Year of previous submission	January/June	2	0		Please tick to indicate this work has been standardised internally	
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Page	A.1 Criteria (0 - 1 - 2 marks)	Comment
	<input type="checkbox"/> The candidate identifies the tools and techniques which are used during the analysis stage;	
	<b>A.2 Criteria (3 marks)</b> <input type="checkbox"/> The candidate gives a simple explanation, including advantages or limitations of the tools and techniques which are used during the analysis stage;	
<b>Mark (Max 4)</b>	<b>A.3 Criteria (4 marks)</b> <input type="checkbox"/> The candidate gives a detailed explanation, including advantages and limitations of the tools and techniques which are used during the analysis stage providing examples of when each could be used.	
Page	B.1 Criteria (0 - 1 - 2 marks)	Comment
	<input type="checkbox"/> The candidate identifies the tools and techniques which are used during the design stage;	
	<b>B.2 Criteria (3 marks)</b> <input type="checkbox"/> The candidate gives a simple explanation, including advantages or limitations of the tools and techniques which are used during the design stage;	
<b>Mark (Max 4)</b>	<b>B.3 Criteria (4 marks)</b> <input type="checkbox"/> The candidate gives a detailed explanation, including advantages and limitations of the tools and techniques which are used during the design stage providing examples of when each could be used.	
Page	C.1 Criteria (0 - 1 - 2 marks)	Comment
	<input type="checkbox"/> The candidate identifies investigation methods;	
	<b>C.2 Criteria (3 marks)</b> <input type="checkbox"/> The candidate gives a simple explanation, including advantages or limitations of investigation methods;	
<b>Mark (Max 4)</b>	<b>C.3 Criteria (4 marks)</b> <input type="checkbox"/> The candidate gives a detailed explanation, including advantages and limitations of investigation methods providing examples of when each could be used.	
Page	D(i).1 Criteria (0 - 1 - 2 - 3 marks)	Comment
	<input type="checkbox"/> The candidate produces a simple report considering some aspects of feasibility and showing a single solution to the given problem; <input type="checkbox"/> the candidate's report may contain errors in spelling, punctuation and grammar;	
	<b>D(i).2 Criteria (4 - 5 - 6 marks)</b> <input type="checkbox"/> The candidate produces a detailed report considering all aspects of feasibility and showing alternate solutions to the given problem; <input type="checkbox"/> the candidate's report contains few spelling, punctuation and grammar errors;	
<b>Mark (Max 9)</b>	<b>D.3 Criteria (7 - 8 - 9 marks)</b> <input type="checkbox"/> The candidate produces a detailed report considering all aspects of feasibility in detail and showing alternate solutions to the given problem, justifying the chosen solution; <input type="checkbox"/> the candidate's report is consistently well-structured and there are few, if any, spelling, punctuation and grammar errors.	

<b>Page</b>	<b>D(ii).1 Criteria (0 - 1 - 2 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate produces simple or incomplete designs for input/output requirements that do not fully meet the defined requirements of the end-user; <input type="checkbox"/> the candidate does not consider standard design concepts;	
	<b>D(ii).2 Criteria (3 - 4 marks)</b>	
	<input type="checkbox"/> The candidate produces designs for input/output requirements that meet the defined requirements of the end-user; <input type="checkbox"/> standard design concepts are taken into account but some areas may not be fully considered	
<b>Mark (Max 6)</b>	<b>D(ii).3 Criteria (5 - 6 marks)</b>	
	<input type="checkbox"/> The candidate produces designs for input/output requirements, including calculations that are needed, that fully meet the defined requirements of the end-user; <input type="checkbox"/> all standard design concepts are taken into account.	
<b>Page</b>	<b>E.1 Criteria (0 - 1 - 2 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate produces an incomplete data-flow model for the current solution with incomplete documentation;	
	<b>E.2 Criteria (3 - 4 - 5 marks)</b>	
	<input type="checkbox"/> The candidate produces a data-flow model of the current solution using simple graphical representation with complete documentation;	
<b>Mark (Max 8)</b>	<b>E.3 Criteria (6 - 7 - 8 marks)</b>	
	<input type="checkbox"/> The candidate produces a complete data-flow model of the current solution, making effective use of formal graphical representation with complete and detailed documentation.	
<b>Page</b>	<b>F.1 Criteria (0 - 1 - 2 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate produces an incomplete ERD for the proposed solution with incomplete documentation;	
	<b>F.2 Criteria (3 - 4 - 5 marks)</b>	
	<input type="checkbox"/> The candidate produces a simple ERD of the solution, with complete documentation;	
<b>Mark (Max 8)</b>	<b>F.3 Criteria (6 - 7 - 8 marks)</b>	
	<input type="checkbox"/> The candidate produces a complete ERD of the solution, with complete and detailed documentation.	
<b>Page</b>	<b>G.1 Criteria (0 - 1 - 2 marks)</b>	<b>Comment</b>
	<input type="checkbox"/> The candidate produces a simple evaluation of the system; <input type="checkbox"/> the candidate comments on their actions and role in solving the problem;	
	<b>G.2 Criteria (3 - 4 marks)</b>	
	<input type="checkbox"/> The candidate evaluates the solution discussing either benefits or disadvantages of the solution; <input type="checkbox"/> the candidate includes an analysis on their experiences in order to improve their own performance;	
	<b>G.3 Criteria (5 - 6 - 7 marks)</b>	
<b>Mark (Max 7)</b>	<input type="checkbox"/> The candidate evaluates the solution discussing both benefits and disadvantages of the solution; <input type="checkbox"/> the candidate includes an analysis on their experiences, suggesting how they might approach a similar task in the future.	
<b>MARK TOTAL</b>	Please note: This form may be updated on an annual basis. The current version of this form will be available on the OCR website ( <a href="http://www.ocr.org.uk">www.ocr.org.uk</a> ). The completed Centre Authentication form CCS160 <b>must</b> accompany the MS1 when it is sent to the moderator	

### Guidance on Completion of this Form

- 1 **One** form should be used for each candidate.
- 2 Please ensure that the appropriate boxes at the top of the form are completed.
- 3 Please enter *specific* page numbers where evidence can be found in the portfolio, and where possible, indicate to which part of the text in the mark band the evidence relates.
- 4 Enter the mark awarded for each strand of the marking criteria in the appropriate box and also enter the final mark in the total column.
- 5 Add the marks for the strands together to give a total out of 50. Enter this total in the relevant box.