ICT 2.2 (AS90349v2) Assessment Schedule

Develop and implement a one-off solution in ICT	Student name	Assessor				
Level 2 Credits 6 Version 2 Assessment internal						
The student may demonstrate knowledge and understanding by either physically s	nowing, verbally explaining,	Date completed				_
writing, sketching and drawing or submitting electronic evidence as appropriate to	the assessment situation.					
The student evidence for assessment may be provided in any order and at any stage during the student's		Grade awarded	Ν	Α	Μ	Ε

technological practice to develop and implement a one-off solution.

Questions	Judgements for acceptable answers	Key evidence seen or heard	Α	Μ	E
1 Identify the issue		(Assessor to complete for key evidence <b>not</b> included in the submitted student material)			
1a What is your issue?	1a The student identifies an issue that has a range of possible solutions (in an appropriate context.)				
1b Who (or what) are the key stakeholders?	1b The student identifies a range of stakeholders with different views, opinions and needs.				
1c What investigation have you done into the issue and the environment in which the solution will reside?	1c An investigation into the issue and the environment in which the solution will reside is described.				
1d What initial consultation have you had with the key stakeholders?	1d Each of the identified key stakeholders have been consulted and possible needs and opportunities identified.				
2 Planning					
2a What initial planning did you do?	<ul> <li>2a The initial planning shows:</li> <li>i) The key stages (manageable steps).</li> <li>ii) The milestones (outcomes and dates).</li> <li>iii) The key resources (eg time, expertise, software, equipment etc).</li> </ul>				
2b What planning tools did you use and how did you use your planning?	2b The student describes the use of appropriate planning tools and how their planning was used to guide the development.				
2c What changes and additions did you make to your initial planning?	2c Any changes and additions are justified on an ongoing basis.				
<ul><li>2d How did your planning enable you to:</li><li>i Prevent the problems you anticipated?</li><li>ii Overcome actual problems?</li><li>iii Maximise opportunities?</li></ul>	2d Students describe how planning was used to achieve i and/or ii and/or iii				

Questions

Key evidence seen or heard

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3 Develop a brief		(Assessor to complete for key evidence <b>not</b> included in the submitted student material)		
3a Give me a range of factors which you think are important to consider in order to ensure success?	<ul> <li>3a A range of key factors is identified covering the following areas:</li> <li>i) societal,</li> <li>ii) stakeholders,</li> <li>iii) knowledge,</li> <li>iv) resources.</li> </ul>			
3b Why are these factors important if you want to successfully solve the issue?	3b The influences (implications) for each of their key factors are identified.			
3c How do these factors influence or depend on each other?	3c The interactions (dependencies) between key factors are explained.			
3d What do you consider is the order of importance of these factors?	3d The key factors are prioritised, either singly or in groups.			
3e What is your initial brief?	<ul><li>3e The initial brief contains i) a conceptual statement describing the issue and proposed solution,</li><li>ii) at least one specification for each key factor.</li></ul>			
3f What changes did you make to your initial brief after consulting stakeholders?	3f Evidence of ongoing stakeholder consultation and that any necessary changes have been made to the brief.			
3g What other changes did you make in order to reach your final brief, and why?	<ul> <li>3g Evidence is given that the brief has been refined where necessary as a result of:</li> <li>i) research into legal and ethical considerations, and/or</li> <li>ii) research into other solutions, and/or</li> <li>iii) concept development, and/or</li> <li>iv) resource availability and/or</li> <li>v) relevant codes of practice.</li> </ul>			
3h What is your final brief?	3h The final brief is shown which clearly has specifications against which the final solution can be evaluated. The brief presented provides the opportunity to address the issue.			
	3h The final brief presented has specifications addressing the implications of the prioritised key factors.			

Questions	Judgements for acceptable answers	Key evidence seen or heard	Α	Μ	Е
4 Development of the solution		(Assessor to complete for key evidence <b>not</b> included in the submitted student material)			
4a Present your final solution?	4a The final solution is seen and it addresses the issue.				
4b Show or describe the development of your solution.	<ul> <li>4b A clear process of development is shown or described. This includes:</li> <li>i) ongoing stakeholder consultation.</li> <li>ii) ongoing research and evaluation.</li> <li>iii) modelling of ideas.</li> </ul>				
5 Implementation of the solution					
5a How did you implement the solution?	5a The final solution is located in its intended environment and tested.				
5b How did you show fitness for purpose?	5b The student demonstrates the solution is fit for purpose in addressing the issue.				
	5b The student demonstration shows the solution is fit for purpose in addressing both the issue and the concerns of the key stakeholders.				
5c Justify the viability of your solution.	<ul> <li>5c The viability is described/justified by each of:</li> <li>i) meeting all the specifications of the brief.</li> <li>ii) addressing the possible social and environmental impacts.</li> <li>iii) meeting the likely demand.</li> <li>iv) addressing the availability of resources for its maintenance.</li> </ul>				

6 Overall comment (assessor to complete)