Technology 3.2 (AS90620v2) Assessment Schedule

Develop	a one off	f solution t	o address a client issue	Student name	Assessor _				
Level 3	Credits 8	Version 2	Assessment internal		D. I				
	-		vledge and understanding by either p ubmitting electronic evidence as app		•				
The studen	The student evidence for assessment may be provided in any order and at any stage during the student's			Grade awarded	Ν	Α	Μ	Е	
technologie	cal practice	to develop a	one-off solution to address a client is	sue.					

Ç	uestions	Judgements for acceptable answers	Key evidence seen or heard	Α	М	Е
1	Identify the client issue		(Assessor to complete for key evidence not included in the submitted student material)			
	1a Who is your client?	1a The student identifies a client (other than themself).				
	1b What is the client issue?	1b The student identifies an appropriate client issue. (An appropriate issue has a range of possible solutions.)				
	1c What exploration have you done of the client issue?	1c An exploration into the client issue is described. Can include such things as:				
		i) Client's beliefs, values, attitudes etcii) Background to the issue.				
	1d Who (or what) are the stakeholders, (other than the client)?	1d The student identifies:i) Other key stakeholders.ii) Wider community stakeholders.				
	1e What initial consultation have you had with the client and other stakeholders? What needs or opportunities did you identify?	 1e The initial consultation is described, and the needs and opportunities identified for: i) The client. ii) Other key stakeholders. iii) Wider community stakeholders. 				
2	Project management 2a What initial planning did you do?	 2a The initial planning shows: i) The key stages (manageable steps). ii) The milestones (outcomes and dates). iii) The key resources (eg time, expertise, software, equipment etc). iv) Effective communication (eg means, ways, recording, regularity). 				

Questions

Α

2 Project management (continued)		(Assessor to complete for work not evidenced in the submitted student material)		
2b What changes and additions did you make to your initial planning?	2b Any changes and additions are justified on an ongoing basis.			
 2c How did your project management enable you to: i) Prevent the problems you anticipated? ii) Overcome actual problems? iii) Maximise opportunities? 	2c Students describe how their project management was used to achieve: i and/or ii and/or iii.			
3 Develop a brief				
3a Give a range of factors which you think are important to consider in order to ensure success?	3a A range of key factors is identified covering the following areas: i) societal, ii) stakeholders,iii) knowledge, iv) resources.			
3b Why are these factors important if you want to successfully solve the client issue?	3b The student identifies the influences (implications) for each of their key factors.			
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 How did you decide this order.	3e The order is justified appropriately.			
3f What is your initial brief?	3f The initial brief contains i) a conceptual statement describing the issue and proposed solution,ii) at least one specification for each key factor.			
3g What changes did you make to your initial brief after consulting stakeholders?	3g Evidence of ongoing stakeholder consultation and that any necessary changes have been made to the brief.			
3h What other changes did you make in order to reach your final brief, and why?	 3h Evidence is given that the brief has been refined where necessary as a result of: i) research into legal and ethical considerations, or ii) research into other solutions, and/or iii) concept development, and/or iv) resource availability and/or v) relevant codes of practice. 			
3i What is your final brief?	3i 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.			
	3i 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 one-off solution		(Assessor to complete for key evidence not included in the submitted student material)			
4a present your final solution?	4a The final solution is seen and it addresses the requirements of the brief.				
4b Show or describe the development of your solution.	 4b A clear process of development is shown or described. This includes: i) modelling of ideas. ii) ongoing stakeholder consultation. iii) ongoing research and evaluation. 				
5 Implementation of the one-off solution.					
5a How did you implement your solution?	5a The solution is implemented and demonstrated to the client.				
	5a The solution is implemented and demonstrated to the key stakeholders.				
	5a The solution is implemented and demonstrated to wider community stakeholders.				
5b How did you show fitness for purpose?	5b Evaluated with the client and the client feedback confirms the solution is fit for purpose.				
	5b Evaluated with the other key stakeholders and their feedback confirms the solution is fit for purpose.				
	5b Evaluated with the wider community and their feedback confirms the solution is fit for purpose				
5c What exploration did you do into the viability of your solution.	 5c The viability is described/justified by addressing such things as: i) the sustainability of the solution for its life cycle. ii) the possible social and environmental impacts. iii) the likely future demand. 				
	iv) the availability of resources for its maintenance.				

5 Overall comment (assessor to complete)