

ICT SBA Assessment Form

Class: _____ () Name: _____ Date: _____

1. Objective (10%)		Marks	Marks Awarded
a	Description of the problem. (sub-problems) and background of current situation.	(1) Identify the problem and the current situation. (2) Able to produce a clear, accurate and reasonable description.	
b	Identify and explain the requirements of the intended users.	(1) State user requirements. (1) State target user and situation of use.	
c	Scope of the project.	(1) Specify the scope of the project. (1) Specify the scope of the project related to the user requirements in (b) or any valid reasons.	
d	Understanding of the key concepts involved in the problem.	(2) Every part of the objective is underlined with sound reasons. (1) Demonstrate thorough understanding of the key concepts involved in the problem.	
2. Analysis (10%)		Marks	
a	Alternative ways of solving the problem.	(1) Able to identify one or more alternative ways of solving the problem. (1) A listing of strengths and (1) weakness of different ways of solving the problems. (1) Able to evaluate one or more alternative ways of solving the problem.	
b	Using different IT tools.	(1) Illustrate clearly different IT tools. (2) Produce clear comparisons of different IT tools.	
c	Choice of IT tools.	(2) Provide sound reasons for the choice of IT tools. (1) Justify the choice of IT tools using appropriate terminology .	
3. Design & Implementation (25%)		Marks	
a	Data and Information processing	(4) Demonstrate effective and comprehensive data/information collection, capture and input/ verification and validation / processing. accommodate various issues arising from the use of ICT. [downloading speed? File format? registration for user account? Security measure against hacking / fraud voting?]	
b	The overall plan or structure of the solution.	(2) Produce a comprehensive, concise, precise and logical description of the design of the solution. (2) Provide suitable input and output formats or interfaces.	
c	Major parts involved in the solution.	(2) Describe the major parts involved in the solution and their relations with others when applicable.	
d	Special features of the design.	(1) Highlight the special features of the design. (1) State the importance of using these special features.	
e	Thorough understanding of the key concepts	(2) Justify the design based on supporting theories or concepts learnt in the subject.	

f	Create an appropriate output format of the deliverables that can easily be tested as a solution to the problem	<p>(1) Provide related background information of the voting on the Music Awards.</p> <p>(1) voting system can be implemented in kiosks (common PC) [users can vote for their favorite music] [interactive system, networked workstations]</p> <p>(2) display up-to-date voting results from time to time, [dynamic system]</p> <p>(2) allow streaming of music videos on demand, [interactive online system]</p> <p>(1) record voters' comments, and [stored as data files / database in network server]</p> <p>(2) with user-friendly access mechanisms, such as menu and hyperlinks</p> <p>(2) Contain interesting and interactive features for attracting more visitors</p>	
4. Practical ICT Skills (10%)		Marks	
a	Demonstrate understanding and effective use of ICT skills in the appropriate use of resources	<p>(3) Demonstrate a good understanding of resources</p> <p>(4) Apply appropriate ICT tools/software to process relevant data/content. [effective Oral presentation]</p> <p>[Use of various multimedia application HW and SW]</p>	
b	Demonstrate appropriate ICT skills coherently	(3) Demonstrate the application of relevant key knowledge, concepts in the module and skills in using the IT resources.	
5. Testing & Evaluation (10%)		Marks	
a	Demonstrate a comprehensive methodology in testing and evaluation	(4) Describe the test plan clearly with all the testing procedures and expected results.	
b	The testing process	<p>(3) Record all test results according to the testing plan with quality metrics</p> <p>(3) Evaluate the effectiveness of the deliverables relative to the scope of the project and suggest corrective actions when necessary. [Third parties opinions and testing with online questionnaires]</p>	
6. Conclusion & Discussion (10%)		Marks	
a	Conclusion.	<p>(2) Draw a concise and accurate conclusion from the implementation process.</p> <p>(3) Reflect the learning process effectively. (Mention some insights gained on learning about how to learn/solve problems.)</p>	
b	Methods of improvement	(3) Suggest and explain improvements made as a consequence of testing. (State whether the requirements have been achieved, and if not, how improvements can be made.)	
c	Further development	(2) Demonstrate a clear and comprehensive understanding of the solution in further development. (Mention knowledge discovered which is relevant for other people on similar projects in the future.)	
7. Documentation (10%)		Marks	
a	(2) Produce a document using a good writing style and appropriate terminology.		
b	(1) Allow readers to know how the product is like and how to use it.		
c	(2) Demonstrate effective skills in the appropriate use of text and illustrations in detailed instructions in the document.		
d	(2) Allow readers to understand the method of creating the product.		
e	(1) Acknowledge all resources of assistance.		
f	(2) Organise and present the objectives and original thought effectively.		

8. Creativity & Project Management(15%)	Marks	
a	(3) Demonstrate an imaginative use of IT tools in the solution.	
b	(3) Create an innovative design for the solution.	
c	(2) Using creative ideas that lessen the complexity of the problem.	
a	(2) Demonstrate a positive attitude as regards personal initiative and responsibility in learning.	
b	(3) Plan and follow a logical activity schedule to work out the project assignment	
c	(2) Identify and accommodate some major internal and external environmental factors changed during the process	

Total Mark: _____