

Project/Group

The last deliverable consists of the final project document. Thus all phases of the project are evaluated.

Level of Achievement: Criteria:	Novice	Competent	Proficient	Out of	
Problem Description	0 to 4	5 to 9	10 to 15	Out of 15	15
	The problem description is not well organized, is missing information, and not clear.	The problem description remains incomplete, or is missing information (SUI Details) and can be better organized.	Problem description is clear, well organized and complete.	15	
Project Goal	0 to 3	4 to 7	8 to 10	Out of 10	10
	Inconsistencies exist between the project goal and the problem statement and/or the project goal requires considerable clarification.	The project goal requires some clarification but does address the problem to be solved as described in the problem statement.	The project goal clearly identifies the required parameters and output to solve the problem identified in the problem statement. It also provides a good strategy for experimentation to achieve the goal.	9	
High Level Conceptual Model	0 to 3	4 to 7	8 to 10	Out of 10	10
	The High Level CM can be improved significantly (further simplified), contains significant errors, is missing information or parts, is consistent with the detailed CM, is unclear, and/or does not respect the ABCmod framework.	The High Level CM can be improved (further simplified), contains minor errors, is missing information, is inconsistent with the detailed CM, is unclear, or does not respect the ABCmod framework.	The High Level CM provides the appropriate level of abstraction in defining the conceptual model (entity structures and behavioural constructs), is clear and complete, is consistent with the detailed CM, and respects the ABCmod framework.	10	
Detailed Conceptual Model	0 to 3	4 to 7	8 to 10	Out of 10	10
	The Detailed CM is incomplete and has some major inconsistencies with the High Level CM and/or the SUI details. The ABCmod framework is not applied properly to creating the conceptual model. Validation and verification exercises are not defined.	The Detailed CM is somewhat incomplete and has some minor inconsistencies with the High Level CM and/or the SUI details. Generally, the ABCmod framework is properly applied but some inconsistencies exist. Validation and verification exercises are defined but not carried out.	The Detailed CM is complete, is consistent with the high level CM and the SUI details, and properly applies the ABCmod framework. Validation and verification exercises are defined and results reported.	8	
Simulation Model	0 to 6	7 to 14	14 to 20	Out of 20	20
	The simulation model is not consistent with the conceptual model. Code is badly organised and not well commented. The simulation model does not run. No Validation or verification experimentation was carried out or reported.	The simulation model is not completely consistent with the conceptual model. Code is well organised and properly commented. Verification/Validation experimentation was carried out but is incomplete.	The simulation model is aligned with the conceptual model. Code is well organised and properly commented. Validation and verification was carried out and demonstrated.	19	
Experimentation and Output Analysis	0 to 4	5 to 9	10 to 15	Out of 15	15
	The experimentation and output analysis is incomplete. Experimentation carried is inconsistent with the Project Goal. Analysis techniques are improperly applied to the data generated during experimentations. Conclusions are not logical.	The experimentation and output analysis is somewhat incomplete. Experimentation was carried out as stipulated in the Project Goal with some minor errors. Analysis techniques are properly applied to the data generated during experimentations with minor errors. Conclusions are basically logical.	The experimentation and output analysis is complete. Experimentation was carried out as stipulated in the Project Goal. Analysis techniques are properly applied to the data generated during experimentations. Conclusions are logical.	10	
Total				71	80