Case Study 2 – Procurement Construction Industry

STUDENT NAMES: GROUP ID:

Element	Max	Below Average	Average	Good	Excellent	Comments	
UML Design							
1. A high level use case diagram including 3 scenarios for overall design. ** Scenarios for the main use cases. (Consider the business requirements when you are writing the scenarios)	20	A diagram with unnecessary information not focused on major business functions and major issues in the scenarios. 0-5	Reasonable diagram with the relevant functions, but having major issues in the scenarios. 6-10	Well-formed diagram with major business functions and scenarios with minor errors/issues. 11-15	A high level design with major business functions including clear and concise scenarios. 16-20		
2. A class diagram that covers the major classes used in the system, their relationships and the type signatures of their most important methods.	25	Some classes identified, but lack of information hence incomplete. 0-3	Reasonable model with main classes, relationships, multiplicity modelled, but some details missing / incorrect. 4-9	Well-formed class diagram with all major details with minor errors / issues. 10-19	Extensible design with no errors evident in syntax or design. 20-25		

						SubTotal (80)	
3. A set of three sequence diagrams which show how the objects in your system will collaborate to implement the more complex use cases in the system. In particular you should include a sequence diagram for the process of recording a delivery of a collection of items to the site and their matching against a purchase Order. (3*10 marks=30 marks)	30	Reasonably formed sequence diagrams provided, but key details missing / flow of control incorrect. 0-3	Reasonable diagram with major details & syntax correct but significant errors / difficulties. 4-6	Well-formed sequence diagram that represents a feasible design for the use-cases and no 'magic messages. 7-9	Feasible design for 3 sequence diagrams including the given scenarios (At least 1 complex diagram) and no magic messages. 10		
4. Consistency between use cases, division of responsibility, class diagram and sequence diagrams.	05	Clear inconsistencies. 0 - 1	Objects & classes match, but problems with relationships, methods, messages. 2 - 4	Use cases, objects, classes & messages all match / no obvious inconsistencies. 5			
						SubTotal (80)	
UI Design							
1. A set of wireframes illustrating 3 major business scenarios 1 low fidelity diagram and annotated Digital Visual wireframes. **(3 diagrams)** (Low fidelity – 5 marks)	20	Storyboards lack of clarity or relevance to the domain. 0 - 1	3 usable storyboards but lacking in detail / richness. 2-3	3 good story boards with clear idea of the issues. 4	Proper and rich story boards with clear idea of the issues. 5		

Case Study 2 – Procurement Construction Industry

(High fidelity – 3*5 = 15 marks)						
					SubTotal (20)	
					GRAND TOTAL	

Design uml diagrams (class, sequence and use case) only for the functions which consist the business value. Eg- don't include, login, logout and administrative functions. (Privilege granting)

Evaluator:

Signature: