CS4125: Systems Analysis **Assignment 1: Semester II, 2010-2011** **TEAM SUBMISSION : MARKING SCHEME** **Updated Version 1 (7th February 2010)**					

	Item	Detailed Description	Marks Allocated		Marks Awarded
			Sub-total	Total	
Name: David O'Neill — ID: 0813001 Name: Gavin Fitzgerald — ID: 0857173 Name: Yang Zhang — ID: 0702108					

	Item	Detailed Description	Sub-total	Total	Marks Awarded
	Presentation	• General Presentation • Adherence to guidelines i.e front cover sheet, blank marking scheme, table of contents		**2**	
4	Narrative	Narrative description of business scenario		**1**	
5	Software Lifecycle	Is it linear (Waterfall) or iterative (RUP). Discuss risk management strategy?		**1**	
6	Project Plan	Plan specifying timeline, deliverables, and roles.		**1**	
7	System Architecture	System architecture diagram		**2**	
8	Requirement	• Use case diagram(s) • Structured use case descriptions(s) • Non-functional (quality) attributes • Screen shots / report formats	2 3 2 1	**8**	
9	Analysis	• Method used to identify candidate classes • Class diagram with generalisation, composition, multiplicity, dialog, control, entity, interface classes, etc. • Communication diagram • Sequence diagram • State chart with annotated transition strings • Entity relationship diagram with cardinality	1 3 2 1 2 1	**10**	
10	Design	• Description of an architectural or design pattern that was evaluated. Cannot use MVC, Broker and Singleton. • Pattern incorporated into class diagram • Refinement of class diagram from analysis to include MVC architectural pattern. • Refined interaction diagram from analysis with MVC elements • Support for concurrency	2 2 2 1 2	**9**	
11	Technical Architecture			**1**	
12	Data dictionary	Fragments to illustrate different artifacts created during requirements, analysis and design.		**1**	
13	Critique	Assess the quality of the design submitted		**1**	
14	References			**1**	
15	Online Assessment	Week 8: Use cases		**1**	
	TOTAL			**40**	