

CS4227/CS4135: Software Design & Architecture
Assignment 1: Semester 1, 2012-2013

Name1:		ID1:			
Name2:		ID2:			
	Item	Detailed Description	Marks Allocated		Marks Awarded
			Sub-	Total	
1-3	Presentation	<ul style="list-style-type: none"> General Presentation Adherence to guidelines i.e front cover sheet, blank marking scheme, table of contents 	1 1	2	
4	Requirements	<ul style="list-style-type: none"> Narrative Use Case Diagram Light Weight Use Case Descriptions Listing of non-functional requirements 	0.5 0.5 0.5 0.5	2	
5	Support for non functional requirements	Quality tactics and approaches that can be used to support architecture.		1	
6	Discussion on Design Patterns	<ul style="list-style-type: none"> Discussion of 6 patterns Justify choice where alternative designs options exist. One must be selected through self guided research. 	3 1 1	5	
7	Architectural pattern			1	
8	Structural and Behavioural Diagram	Class and interaction diagram with <ul style="list-style-type: none"> Correct application of design patterns All patterns integrated 		3	
9	Code	<ul style="list-style-type: none"> Matches/Supports/Realises diagrams Object-Oriented Exposes intent, supporting documentation, naming conventions clearly identify design patterns used Code quality Supports non functional requirements Including interoperability 	2 1 2 2 2 2	9	
10	Testing	<ul style="list-style-type: none"> Design of test cases Automated Analysis of results 	2 1 1	4	
11	Deployment	Specify alternatives and evaluate briefly		2	
12	Issues	Satisfactorily documented. No marks awarded.		N/A	
13	Analysis / Evaluation / Critique	Is it the case that the patterns selected achieve their objectives? If not, why not? Any alternatives?		2	
14	References			1	
15	Demo Week 13	<ul style="list-style-type: none"> Competent code inspection Working demo 	1 2	3	
	SUB-TOTAL (A)			35	

PENALTIES			
	Description	Member 1	Member 2
1	Late Submission		
2	Failure to contribute to coding effort		
3	Failure to contribute to writing of report		
4	Failure to report problems with team dynamics		
5	Failure to contribute to demo week 13		
	Sub-total (B)		

FINAL MARKS AWARDED		
	Member 1	Member 2
(A-B)		