Marking Criteria Sheet

Student ID: **Student Name:**   **Marker:**

Total Marks (%):

Class Design and Implementation (70%)

Tool.cs (5%)

Criteria	Full marks (%)	Marks (%)
Class members	1	
Class methods	4	

ToolCollection.cs (10%)

Criteria	Full marks (%)	Marks (%)
Class members	5	
Class methods	5	

Member.cs (5%)

Criteria	Full marks (%)	Marks (%)
Class members	1	
Class methods	4	

MemberCollection.cs (10%)

Criteria	Full marks (%)	Marks (%)
Class members	2	
Class methods	8	

ToolLibrarySystem.cs (30%)

Criteria	Full marks (%)	Marks (%)
Class members	5	
Class methods	25	

Menus (10%)

Criteria	Full marks (%)	Marks (%)
Main menu program	2	
Staff menu program	4	
Member menu program	4	

Technical Report (30%)

Criteria	Full marks (%)	Marks (%)
Table of contents	1	
Introduction	2	
Algorithm design	10	
Algorithm analysis	10	
Software test plan and test results	5	
Presentation	2	

Marking Criteria

Class members	• Required data structure is used, if appliable • Suitable data structures/data types • All essential class members included and no redundant class members • Meaningful and informative class member names
Class methods	• All the class methods specified in the corresponding interface have been implemented • All the implemented class methods function as required • All the method implementations are time and space efficient • Internal comments
Table of contents	• Well organised • Week formatted • Correct headings and page numbers
Introduction	• The project is introduced concisely • The purposes of the report are covered • The structure of the report is clearly stated
Algorithm design	• Correct use of the pseudocode notations • Correct logic • No ambiguity • Clear and concise • Efficient
Algorithm analysis	• Correct analysis method • Rigorous analysis process • Correct analysis result
Hash function	• The possibility of collision is minimised • The key values are mapped to the address of the hash table evenly • Easy to compute
Software test plan and test results	• Test plan is comprehensive – screenshots of all possible use cases for each of the functionalities

	• Actual test data can be viewed from the screenshots • Actual test results can be viewed from the screenshots
(Technical report) Presentation	• Well Organised • Well presented

Penalties

- Incomplete project or wrong type of project: -10%
- C# is not used: -20%