

SDA Project Rubric

Members Name: _____

Total Marks: /100

Roll No: 1-_____, 2-_____, 3-_____, 4-_____

Evaluation Criteria

Sr #	Criteria	Marks	Grade Yourself
1	Documentation <ul style="list-style-type: none">Detailed documentation, following given template. All document sections are complete with readable images of models & Readme File.	10	
2	Use Cases <ul style="list-style-type: none">All use cases assigned to group members are proper functional and completed.	10	
3	User Interface <ul style="list-style-type: none">Fully functional user interface created using JavaFX. All screens and events are working correctly. Complete mapping to SD's, SSD/Expanded use case.	12	
4	OOP principles in Business Logic <ul style="list-style-type: none">Well encapsulated classes. Program takes full advantage of inheritance, abstraction and polymorphism where appropriate to effectively meet its responsibilities.	12	
5	Business Logic Layer Functionality <ul style="list-style-type: none">Program is logically well designed, displays correct output, executes correctly with no syntax or runtime errors.	12	
6	Database <ul style="list-style-type: none">Tables named correctly. Exception Handling. Data properly read, written, updated and deleted in tables. Input validation for all values taken from the user.	10	
7	Architecture & Integration b/w UI, BL and DB <ul style="list-style-type: none">All 3 layers (UI, BL & DB) implemented as separate packages/layers. All layers fully integrated and functioning correctly.	12	
8	Consistency b/w design and code <ul style="list-style-type: none">100% mapping of design to code, All SD's must properly map into your code.	12	
9	Design Patterns (GRASP & GoF) <ul style="list-style-type: none">Controller, Information Expert, Creator, Low Coupling, High Cohesion and Protected Variation ALL applied correctly. GoF applied where applicable.	10	

Comments:
