**Project Requirement and Grading Policy**

* **Requirement Report:**

Deadline: Week 4

Comprising 20% of the total score, points are allocated as follows:

Introduction (5 points)

User Case (20 points)

Data Flow Diagram (15 points)

Activity/State Diagrams (10points)

CRC Cards (10 points)

Data Dictionary (10 points)

Validation Criteria (30points)

Note that validation criteria should be as precise as possible and cover all the functions of the system. The final acceptance testing of the system will go strictly by the criteria.

* **The Presentation of Design Specification:**

Deadline: Week 5

Comprising 30% of the total score, points are allocated as follows:

Introduction (10points)

System Architecture (20 points)

Detailed Design (30 points)

Data Architecture (20points)

User Interface (20points)

* **Testing Report:**

Deadline: Week 8

Comprising 20% of the total score, points are allocated as follows:

Overall Plan (20 points)

Functional Testing & Performance Testing (40 points)

Boundary Testing & Basis Path Testing (20 points)

Stress Testing (10 points)

Interface Communication Testing with Other Groups’ Modules (10 points)

Note that the test plan must be complete, detailed test cases should be provided and the implementation result of each use case should be recorded faithfully.

* **System integration and Demo:**

Deadline: Week 8

Comprising 30% of the total score, points are allocated as follows:

Complete functionality (70 points).

Code style (30 points)

Note that complete functionality demands that all functions and data communications among the groups must be correct.

* **Rewards and Penalties:**

1. A group leader who is complained by more than half of his team members must be replaced. The group must then select a new leader as soon as possible.
2. A group leader’s work for each project is graded as the average points of the group. The Group leader evaluates the performance and contribution of each group member, and then grades him/her. Remark that the following equation should be always true. Average score × Number of group members = ∑ Actual score of each group member.
3. A group leader who can successfully manage their group’s development throughout the quarter will be awarded up to 5 bonus points added to his or her final grade.
4. A group leader who makes serious mistakes during development will receive a penalty deduction of up to 5 points from his or her final grade.
5. Each assignment is due on a specified date. After the due date, the penalty will be 10% for each day they are late for at most 5 days (each day is considered closed at 22:00 ). After the fifth day the assignment will be graded zero.