

## **Homework #2**

**Do following for the Car Rental System (CRS) using your HW1\_Q7 requirements:**

- Q1. (20 points) Perform brainstorming and classification and draw a UML class diagram as a Domain Model based on the classification results.**
- Q2. (10 points) Identify the type of the system and sketch an architectural design.**
- Q3. (20 points) Derive use-cases from the requirements and draw use case diagrams.**
- Q4. (10 points) Construct a requirement use-case traceability matrix.**
- Q5. (40 points) Specify the expanded use-cases (use-case text) for Search Car, Reserve Car, Edit Reservation, and Cancel Reservation use-cases.**