Session 3 Assignment

1. Create a class diagram depicting classes for students, faculty, courses, and classrooms. Ensure you identify the attributes and operations associated with each class, the relationships between the various classes, and the cardinality/multiplicity of each relationship.
2. Create a sequence diagram depicting a debit card purchase at a local retail store. Illustrate the sequence of events between a customer, the cashier, the Credit/Debit Card reader, and the bank. Be sure to place the events in the correct order and (using arrows) depict the direction of the event/actions occurring between the components.
3. Create a use case diagram for a library depicting various (at least 5) activities and the actors involved in each case.

Submit your completed diagrams as attachments to this assignment.