WEEK 3 MEETING

27th Oct Sunday 6:10pm

Meeting Notes: Task 2 and Task 3

Task 2: Quality Requirements

1. **Security & Privacy**
   - Implement authentication, data encryption, and audit logging.
   - Anonymize customer data in non-production environments.
2. **Performance**
   - Target <1-second response time; maintain performance under peak load.
   - Ensure smooth operation on desktop/tablet with low memory use.
3. **Reliability**
   - Achieve 99.9% uptime; add retry mechanisms and offline caching.
   - Enable automated backups and quick recovery.
4. **Scalability**
   - Support 100-200 users; modular scaling for components.
   - Use cloud infrastructure for dynamic scaling.

Task 3: Functional Requirements with UML

1. **Use Case Model**
   - Each member creates a Use Case Diagram for a subsystem.
   - Possible cases: "Place Customer Order," "Update Table Status," "View Order History."
2. **Activity Model**
   - Select one use case for an Activity Diagram.
   - Example: "Place Customer Order" – include steps like selecting a table, entering order, confirming.