**Assignment: Multiple Classes with Association**



Session: 2021 – 2024

**Submitted by:**

Your Name Your Registration No

**Supervised by:**

Your OOP Teacher Name

Department of Computer Science

**University of Engineering and Technology**

**Lahore Pakistan**

**Important Instructions**

**Here you can find the major parts of your Assignment documentation**

* Table of Contents
* Step 1: Case Study Scenario
* Step 2: Domain Model with only the Class names
* Step 3: Domain Model with Relations and Constraints
* Step 4: Domain Model with Multiplicity
* Step 5: Class Diagram

1) Attributes and

2) Functions

* Step 6: Separate code of the Classes attributes to show the relations added in the attributes
* Step 7: Full Code

**Formatting Instructions**

1. Heading Size is 16
2. Sub heading size is 14
3. Further heading size is 13
4. Make your heading font bold
5. Text Font size is 12
6. Use Times New Roman Font Style
7. Text paragraphs should be justified. (Justify is feature of MS World)
8. Domain Model should be drawn on word or PowerPoint or some drawing tool (Hand drawn domain model will not be accepted).
9. Class Diagram should be drawn using the Visual Studio Class Designer.
10. Code Size should be 10 and 1.0 line Spacing to make it compact
11. Follow proper coding Styles to make the classes and driver program
12. Apply all these 7 steps to all your Case Studies
    1. UAMS
    2. Ocean Navigation
    3. Point and Line
    4. Point of Sales Application
    5. Telsa’s Coffee Shop
    6. GameObjects