

Arab Academy for Science and Technology and Maritime Transport



College of Engineering and Technology

Course: Object Oriented Programming (OOP) (CC316)

Lecturer: Dr. Dalia Sobhy

Project (Phase 1)

Each student/group should create a Class Diagram (UML) for their project and submit it maximum by **Sunday 6/5/2023**. The UML file should be compressed along with a file that includes a paragraph describing you project idea.

The first phase will have 5 GRADING MARKS on

- Overall Class Structure
- Class Relations
- Interfaces
- Method overloading and overriding
- The paragraph describing the project idea.

Teams can be up to 4 students, but all participants will be fully responsible for full content, the system should have at least 4 classes for teams consisting of only one member, 5 classes for teams consisting of two members, 6 classes for teams consisting of three members, and 7 classes for teams consisting of four members.

Avoid plagiarism, penalties will be executed for all participants.

Systems can be designed to implement:

- Library System
- Train Ticketing System
- School Registration System
- Restaurant Reservation and Ordering System
- Pharmacy System
- Bank Queue System, etc.