

Advanced Software Engineering - Assignment 1

UML Class Diagrams

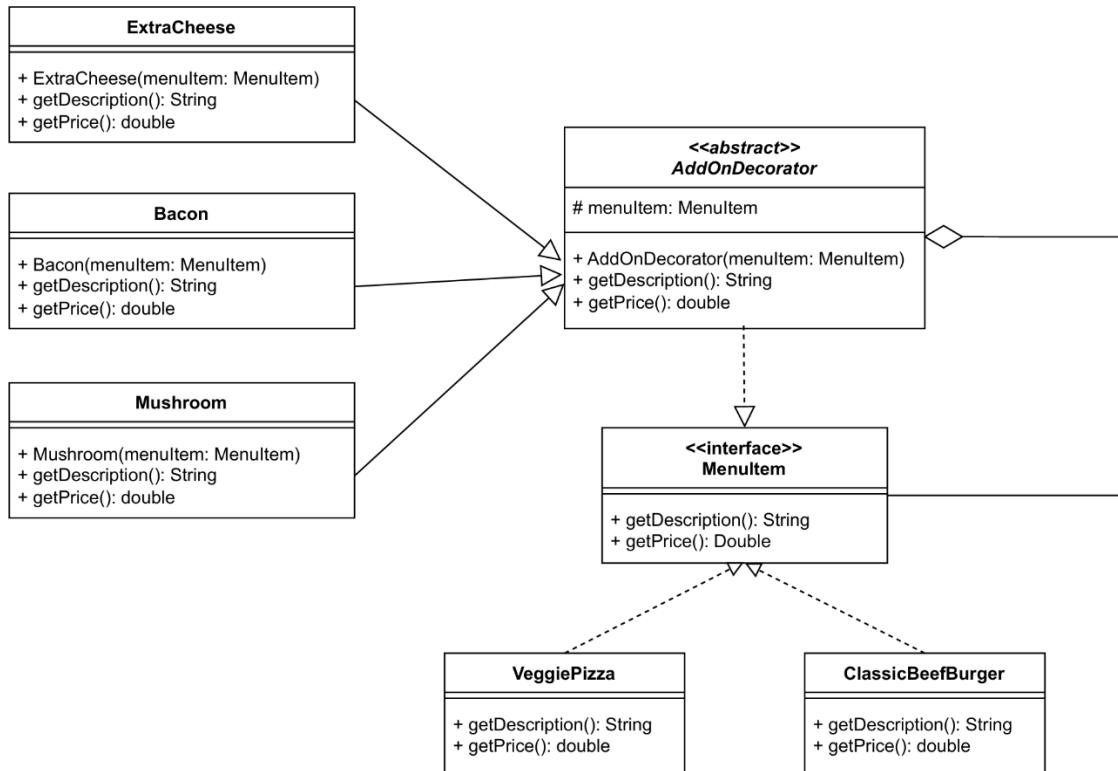
Course: Advanced Software Engineering 2025

Student ID 1 (Eyad): 20230074

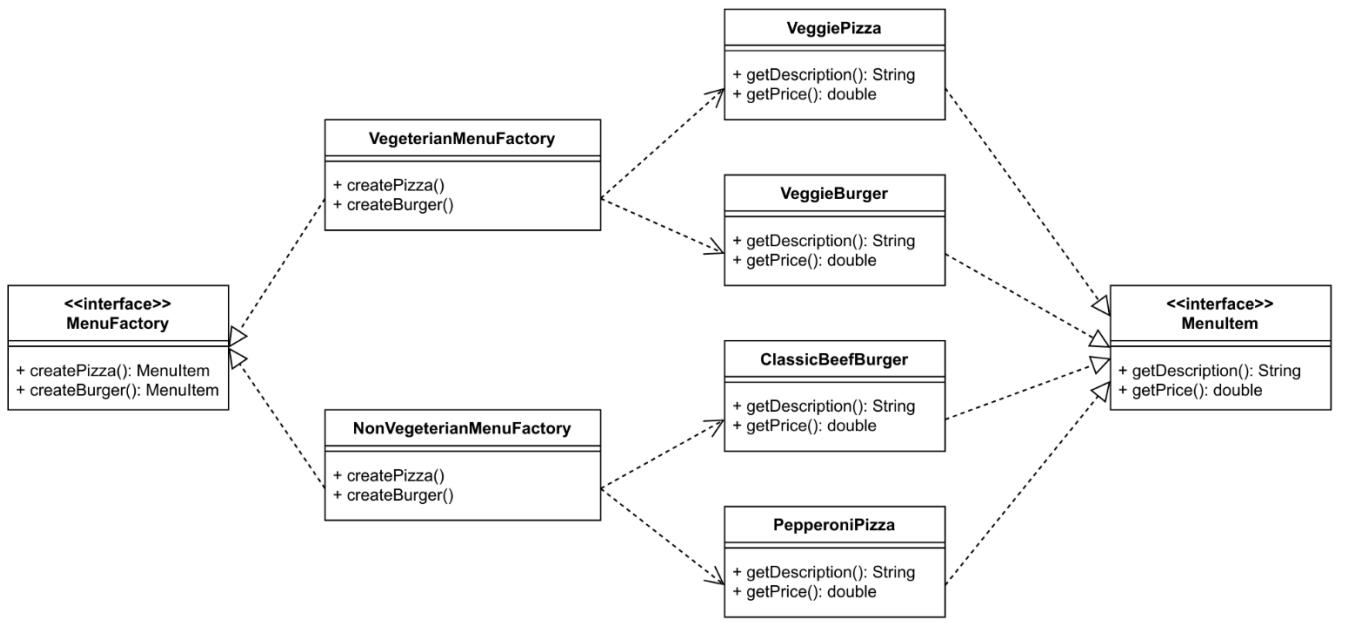
Student ID 2 (AlMoaid): 20210625

TA Name: Marwa Ahmed

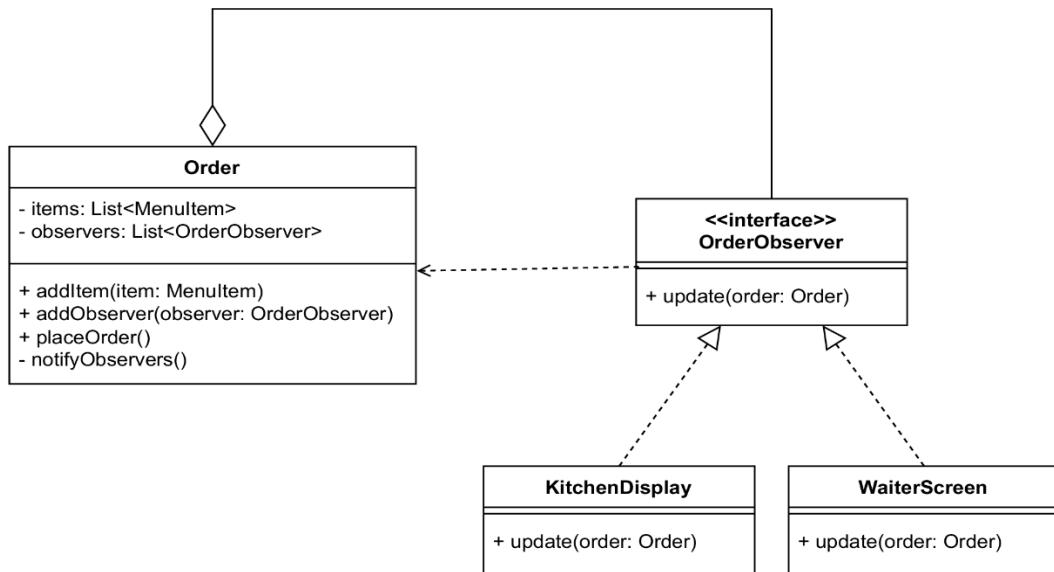
1. The Decorator Pattern Diagram



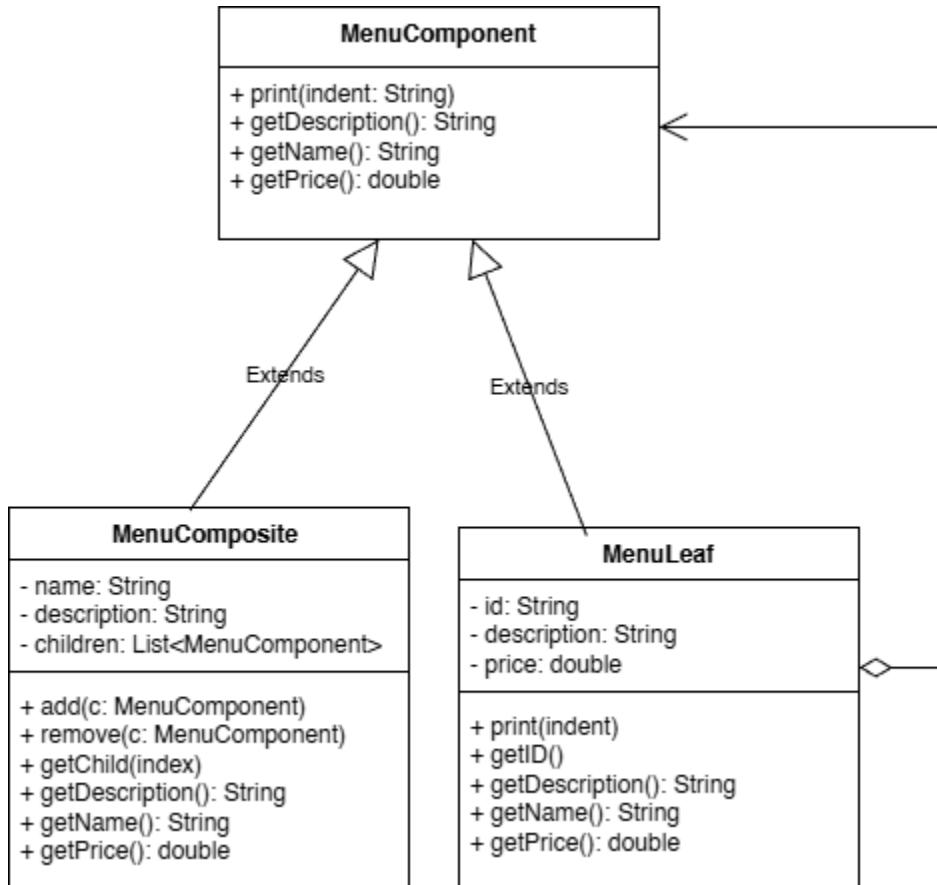
2. The Abstract Factory Pattern Diagram



3. The Observer Pattern Diagram

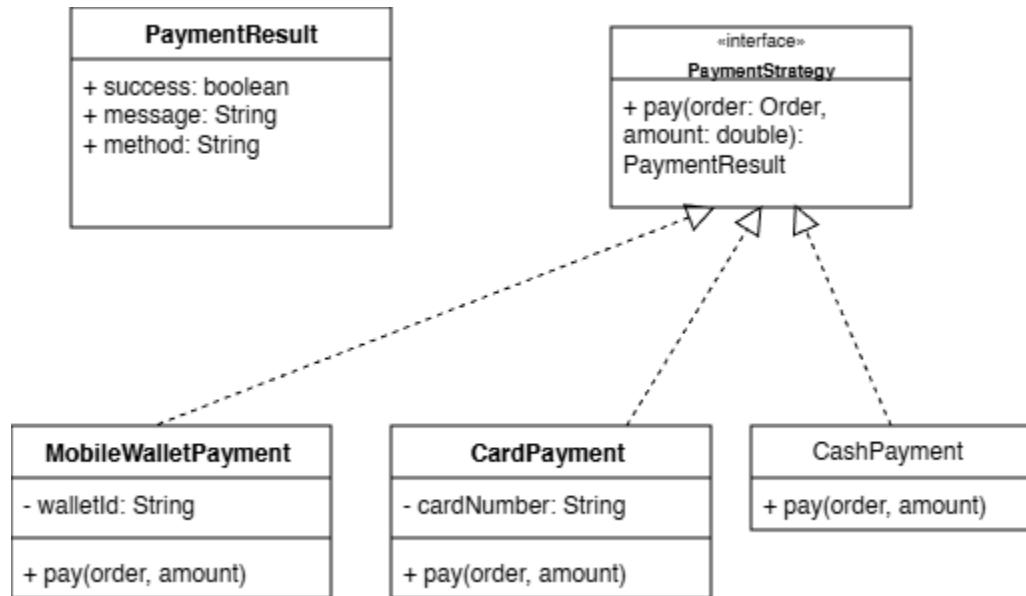


4. The Composite Pattern Diagram

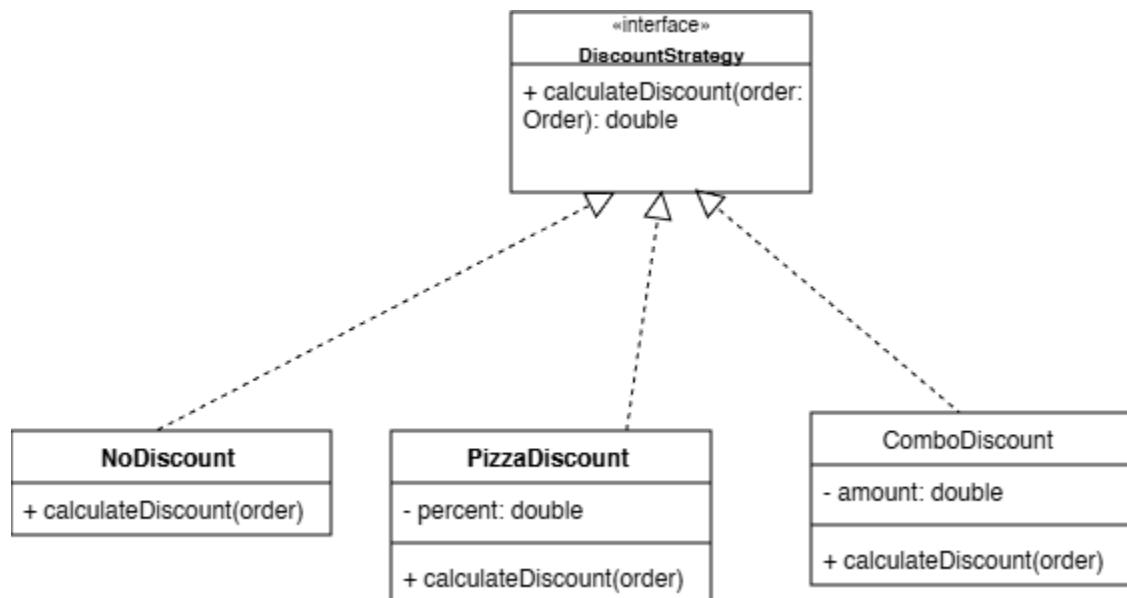


5. The Strategy Pattern Diagram

A. Payment Strategy



B. Discount Strategy



6. The Facade Pattern Diagram

