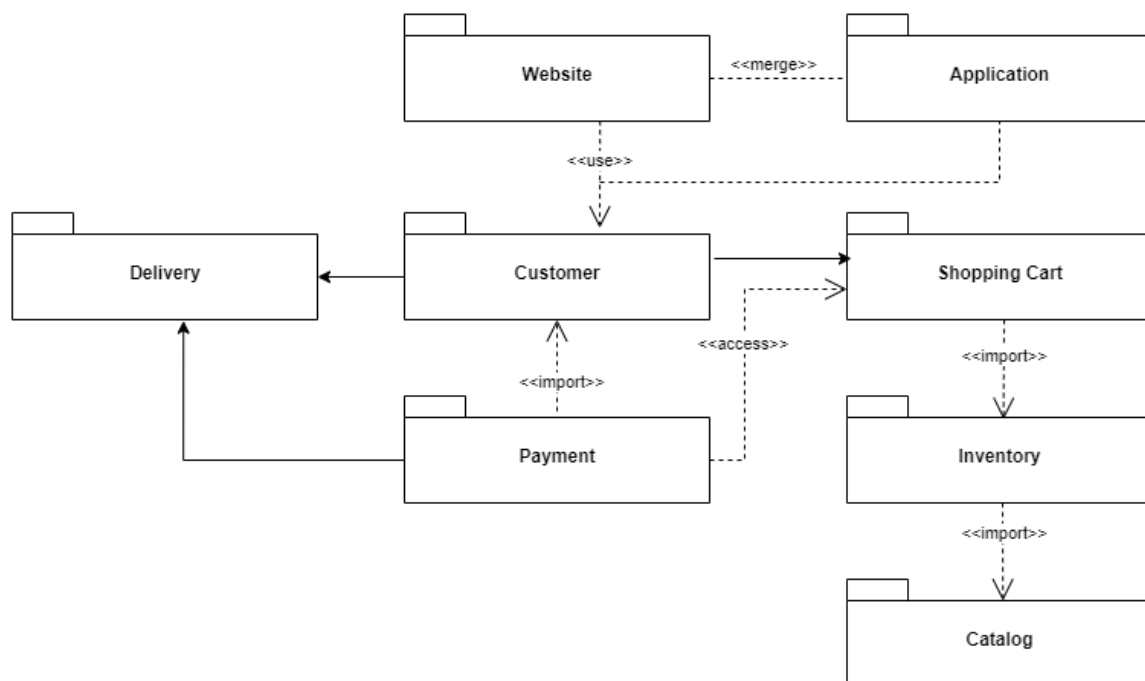


UML Assignment

1. Select one of the following system to draw package, component, and deployment diagrams:
 - a. Hospital system
 - b. Bank system
 - c. Online shopping system,

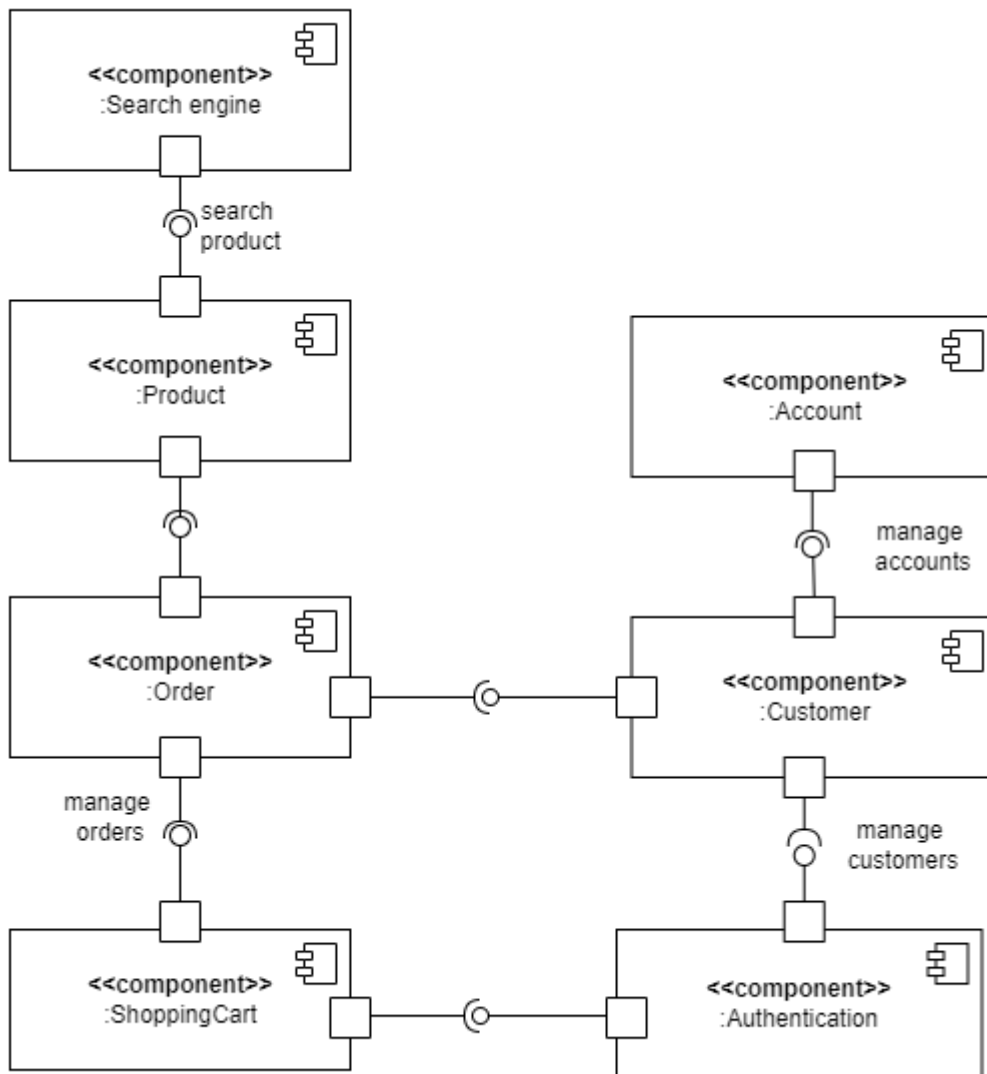
Clarify what are architecture decisions reflected by your diagrams

Package Diagram for Online Shopping System



In online package diagram there are several packages which are depended on each other. Website and Application are merge since both of them are the same package that can be used by the customer. Payment package imports the customer details from customer package. Inventory imports the product stock from catalog and shopping cart imports the product details from inventory. Customer can access the delivery package to check on the products' delivery status.

Component Diagram for Online Shopping System



In this diagram there are several components which are Search Engine, Product, Order, ShoppingCart, Account, customer and Authentication. Order uses manage order interface to organize the orders in the shoppingCart. Search product interface is used for product component. Manage customers interface that linked customer and authentication component meanwhile manage accounts interface is linked account and customer component.

Deployment Diagram for Online Shopping System

