E-Commerce Project

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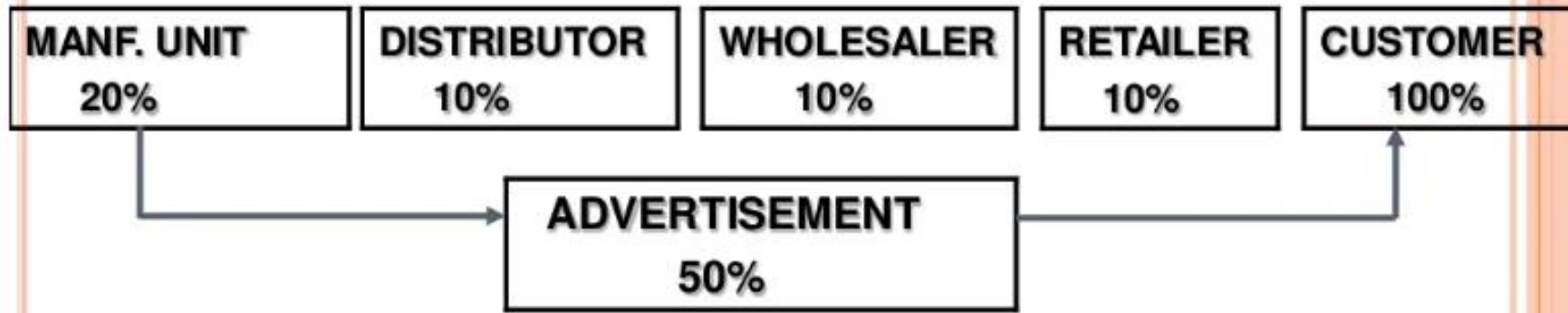
What is Commerce ?

▶ According to Dictionnary.com, Commerce is a division of trade or production which deals with the exchange of goods or services from producer to final consumer.

▶ It comprises the trading of something of economic value such as goods, services, information, or money between two or more entities.

What is E-Commerce ?

- Commonly known as Electronic Marketing.

- "It consist of buying and selling goods and services over an electronic systems such as the internet and other computer networks".

- "E-Commerce is the purchasing, selling and exchanging goods and services over computer networks (internet) throught which transaction or terms of sale are performed electronically.
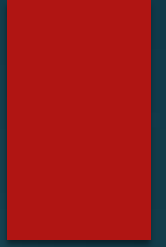
TRADITIONAL BUSINESS

MANF. UNIT 20%	DISTRIBUTOR 10%	WHOLESALER 10%	RETAILER 10%	CUSTOMER 100%

ADVERTISEMENT 50%

DIRECT SELLING

COMPANY	CUSTOMER

Why we use E-Commerce ?

- Low Entry Cost

- Reduces Transaction Costs

- Access To The Global Market

- Secure Market Share

The Process of E-Commerce

▶ A consumer uses a web browser to connect to the home page of a merchant's web site on the internet.

▶ The consumer browses the catalog of products featured on the site and select items to purchase. The selected items are placed in the electronic equivalent of a shopping cart.

▶ When the consumer is ready to complete the purchase of selected items, he provides a bill-to and ship-to address for purchase and delevery.

The Process of E-Commerce

- When the merchant's web server receives this informations, it computes the total cost of the order (including tax, shipping and handling charges, then dispalys the total to the consumer.

- The consumer can now provide payment information, such as a credit card number, and then submit the order.

The Process of E-Commerce

▶ When the credit card is validated and the order is completed at the Commerce Server site, the merchant's site displays a receipt confirming the custumer's purchase.

▶ The Commerce Server site then forwards the order to a Processing Network for payment processing and fulfullment.

Advantages of E-Commerce

- No checkout queues

- Reduces prices

- You can shop anywhere in the world

- Easy access 24 hours a day
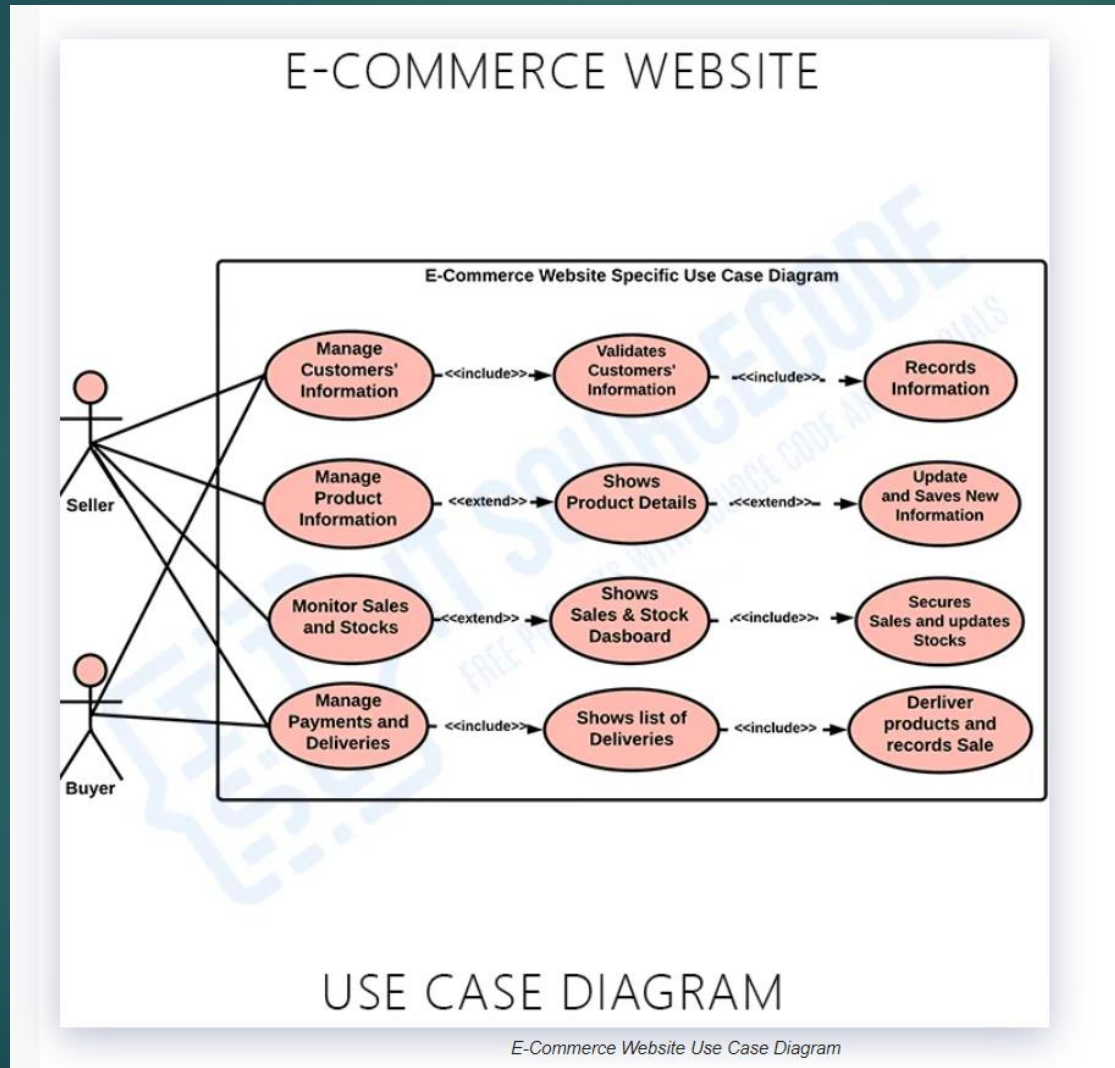
- Wide selection to cater for all consumers

Disadvantages of E-Commerce

- Unable to examine products personally

- Not everyone is connected to Internet

- Possibility of credit card number theft
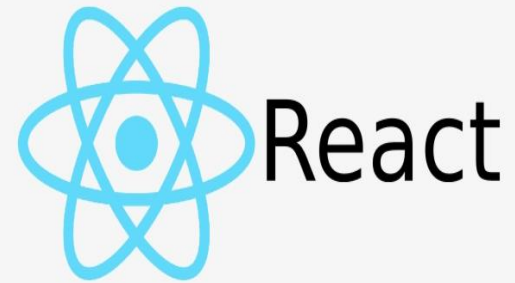
- On average, only 1/9th of stock is available

Conception : Class Diagram

E-Commerce Website Class Diagram

Conception : Use Case

E-Commerce Website Use Case Diagram
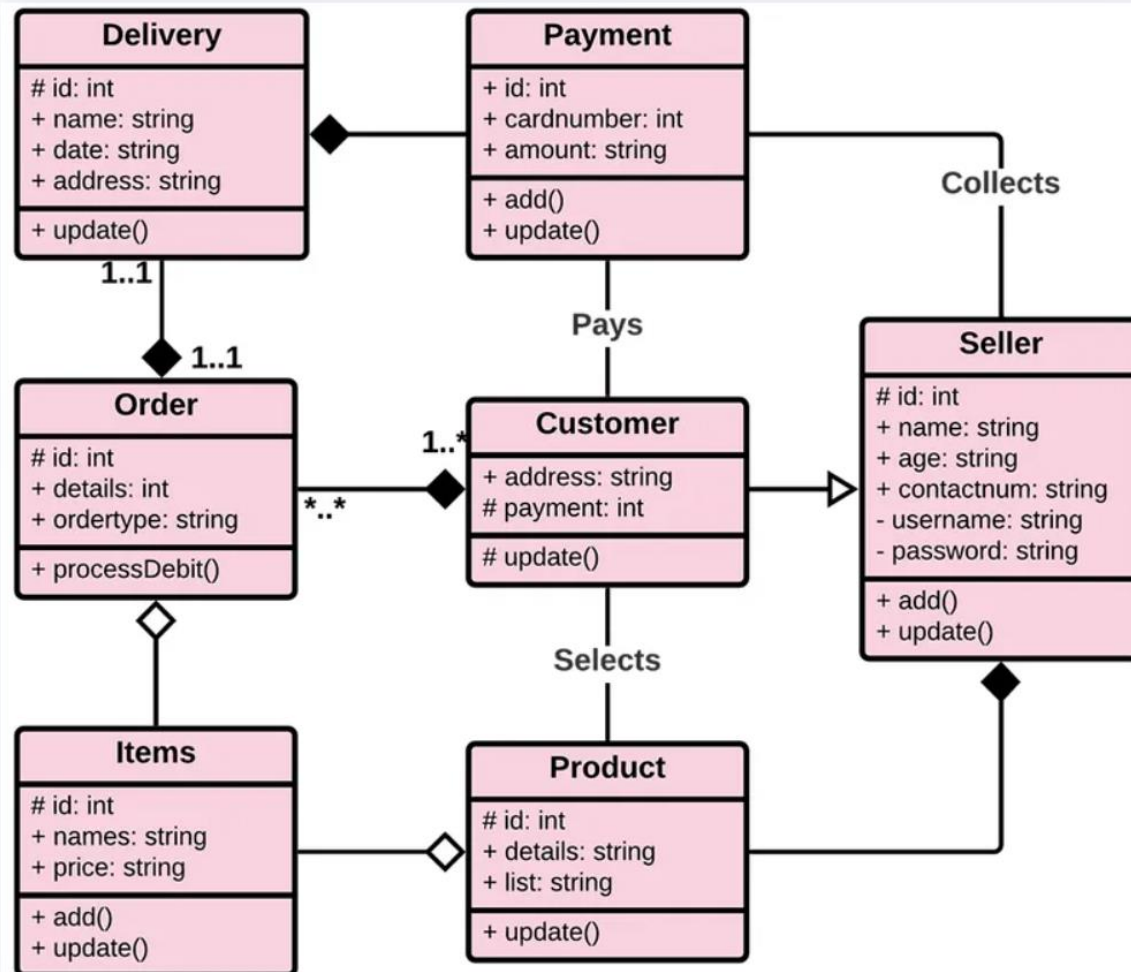
Development Environment

Thank you