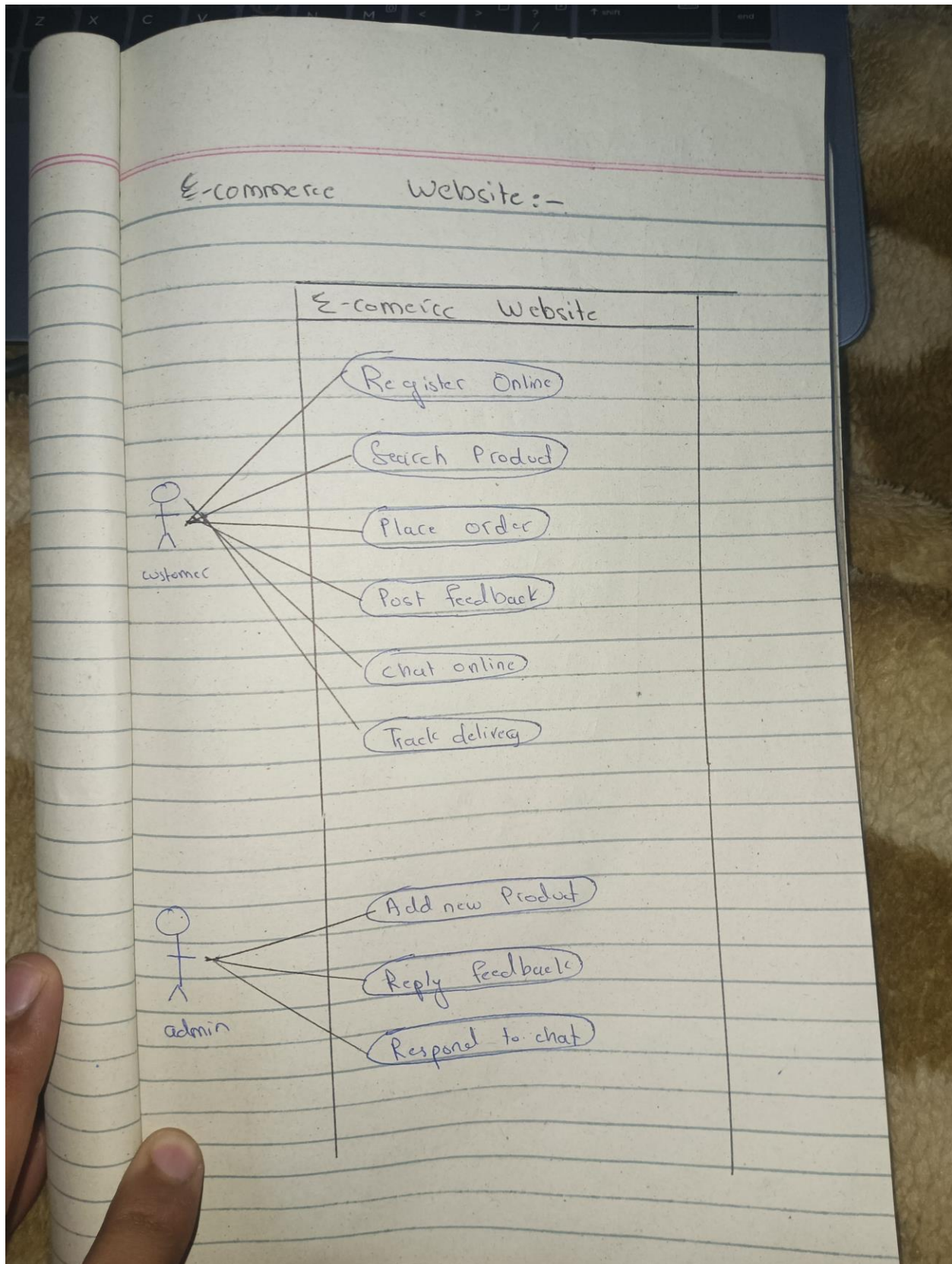


Project title: (e commerce website)

An e-commerce website is an online platform that enables businesses and individuals to buy and sell goods or services over the internet. These websites serve as digital storefronts where customers can browse products, add items to a virtual shopping cart, and complete purchases through secure payment processing. E-commerce websites have transformed the shopping experience by offering convenience, a wide selection of products, and 24/7 availability, allowing customers to shop from anywhere at any time

Use case diagram:



Fully dresses use case :

The fully dressed use case diagram is for the place order use case.

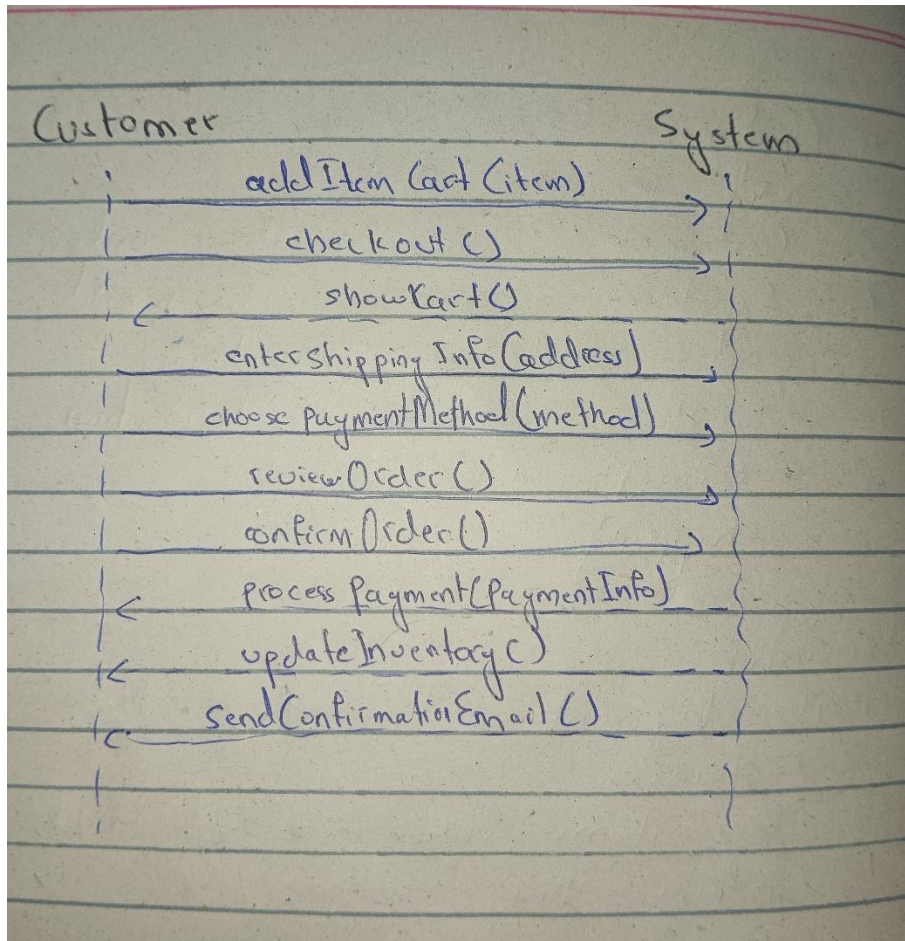
fully dressed use case.	
Usecase name:-	Place order
Use Case Id.:-	1162
Description :-	Customer Places an order for Product on the e-commerce website
Pre-conditions:-	
Actor(s)	Customer, Payment Gateway, inventory System, shipping Provider.
Pre-conditions:-	<ul style="list-style-type: none">→ Customer is logged in→ Customer has items in their cart
Post-conditions:-	<ul style="list-style-type: none">→ Order is Placed and confirmed→ Payment is Processed→ Customer receives confirmation.
Main Success Scenario:-	<ol style="list-style-type: none">1. Customer Select items and add them to the cart.2. Customer initiates checkout3. Customer enter shipping information.

4. Customer Select Payment method and reviews order
5. Customer confirms the order.
6. System Processes Payment and updates inventory.
7. System sends Confirmation email and arranges shipping

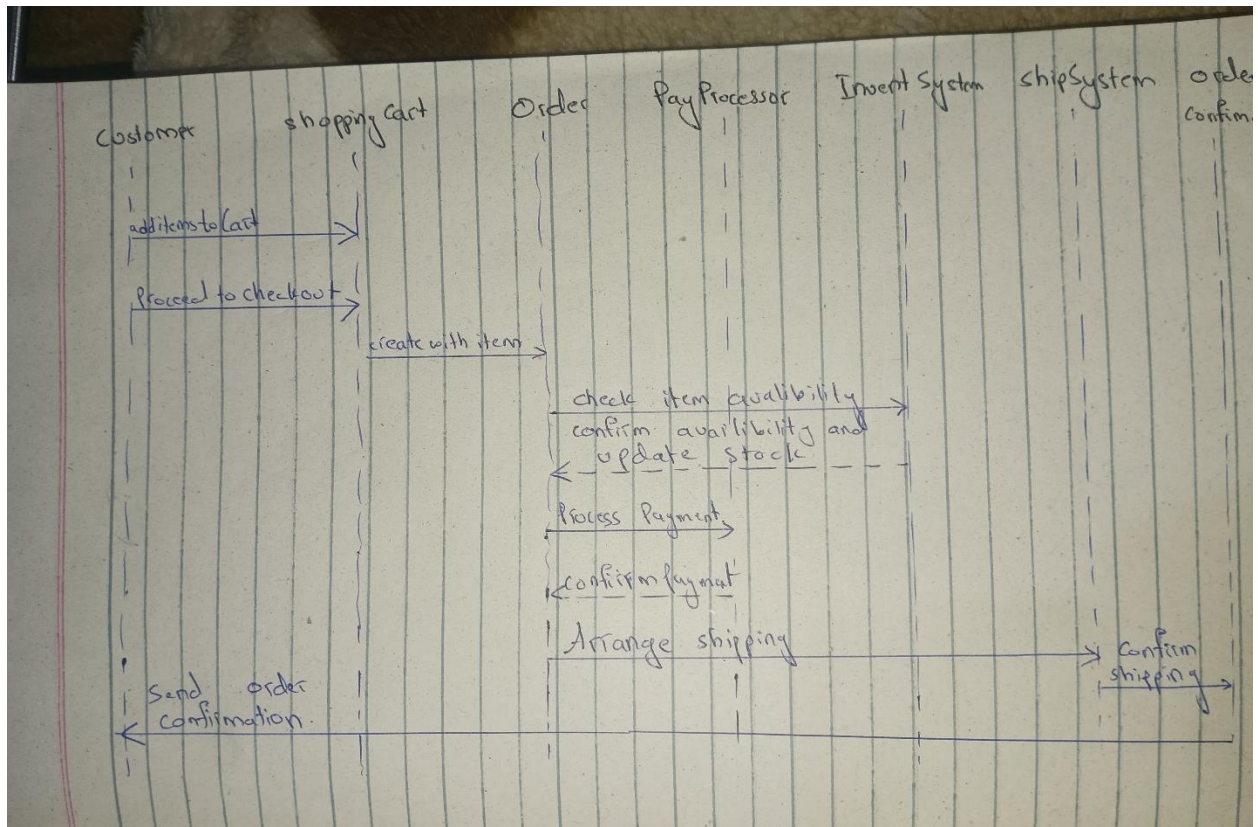
Extensions:-

- if Payment fails, notify the customer
- if items are out of stock inform the customer.

SYSTEM SEQUENC DIAGRAM:



COMMUNICATION DIAGRAM:



COMMUNICATION DIAGRAM:

