Project Title :- E-Tohfa (Online Gift Portal)

Description : This website provides a seamless and secure E-commerce Gift Portal: your go-to for thoughtful gifts. With a diverse range from home decors to gadgets, find the perfect present for any occasion. Personalize your gift with heartfelt messages. Secure payment and swift delivery make spreading joy effortless. Join us in creating unforgettable moments.

1. Users and Roles

Customer :

* Browse and search for gift items
* Filter and sort products based on various categories.

  User can search product in search bar.
* View detailed product information including descriptions, images, and reviews
* Add items to a shopping cart
* Manage account information including address book and order history
* Checkout securely using various payment methods (credit card, debit card)
* Send personalized messages with gifts(work in progress)
* Shippment details (end to end)

Administrator :

* Manage product catalog (add, edit, delete products)
* Manage categories and subcategories.
* Set product prices and stock details.
* Manage promotions and discounts.

* Process orders and manage fulfillment

* Generate reports on sales and inventory

* Manage user accounts and permissions

2. Functional Requirements

Product Management :

* The system should allow adding new gift items with detailed descriptions, images, and specifications to seller.

* Ability to categorize and sub-categorize products for easy browsing.

* Manage product stock levels and receive alerts for low inventory.

Search and Browse :

* Users should be able to search for products by keyword, category, occassion recipient (e.g., men, women, children), price range, and other relevant filters.

* Implement faceted search to allow for filtering based on multiple criteria.

* Provide product recommendations based on browsing history and purchase behavior.

Shopping Cart and Checkout :

* Users can add items to a shopping cart and modify quantities.

* Secure checkout process with various payment gateway integrations (credit card, debit card, etc.).

* Offer guest checkout option without requiring account creation.

* Provide options for gift wrapping and personalization.

Delivery and Tracking :

* Integrate with shipping carriers to offer various delivery options and real-time tracking.

* Send automated notifications to customers about order confirmation, shipment, and delivery.

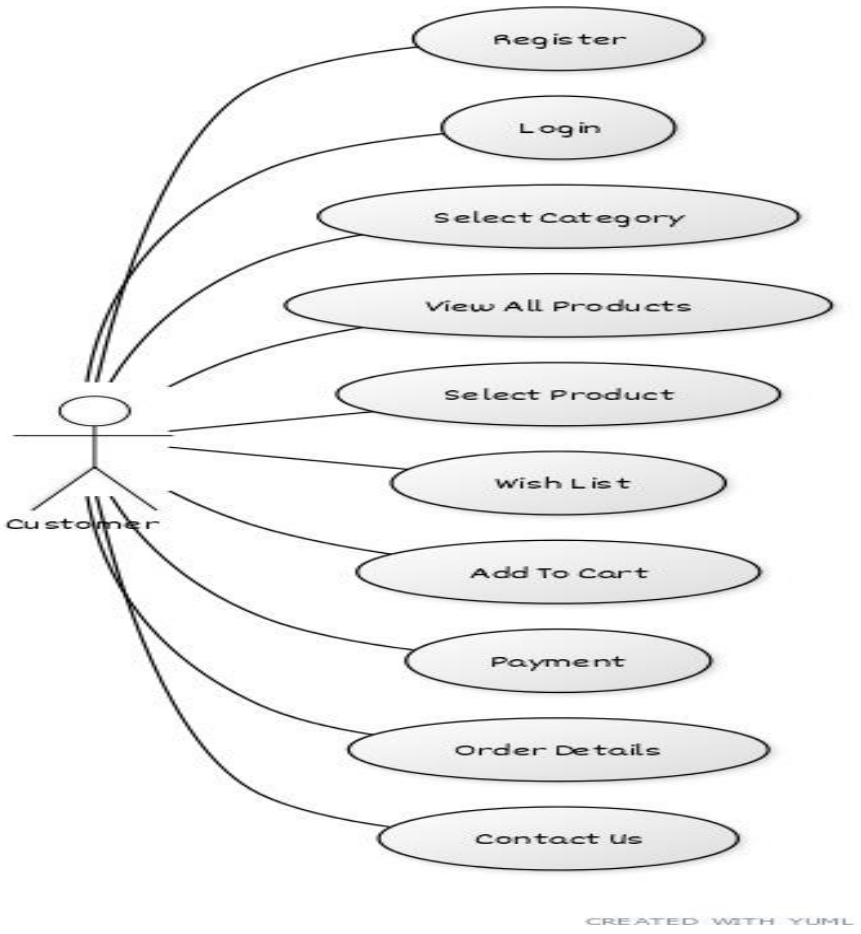
User Accounts and Management :

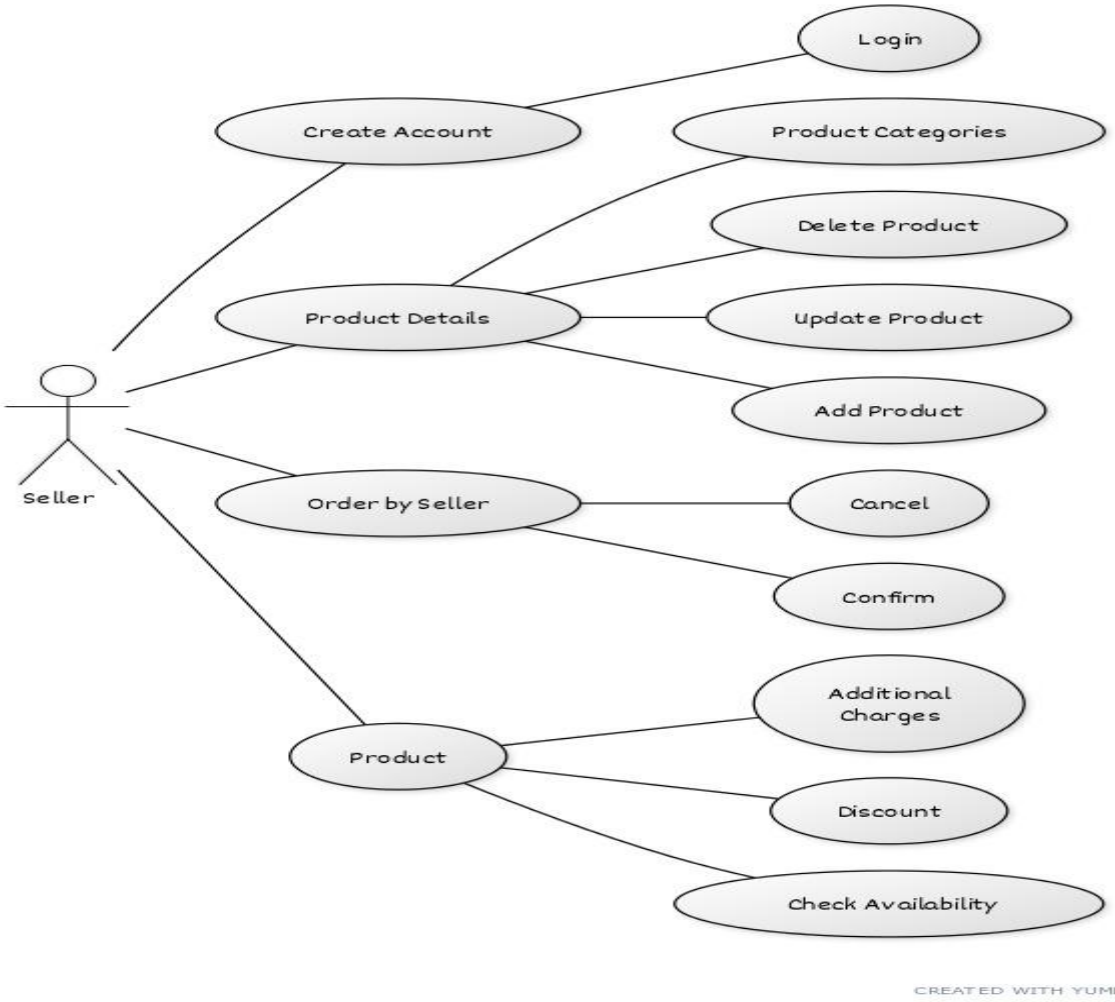
* User registration with secure login and password management.

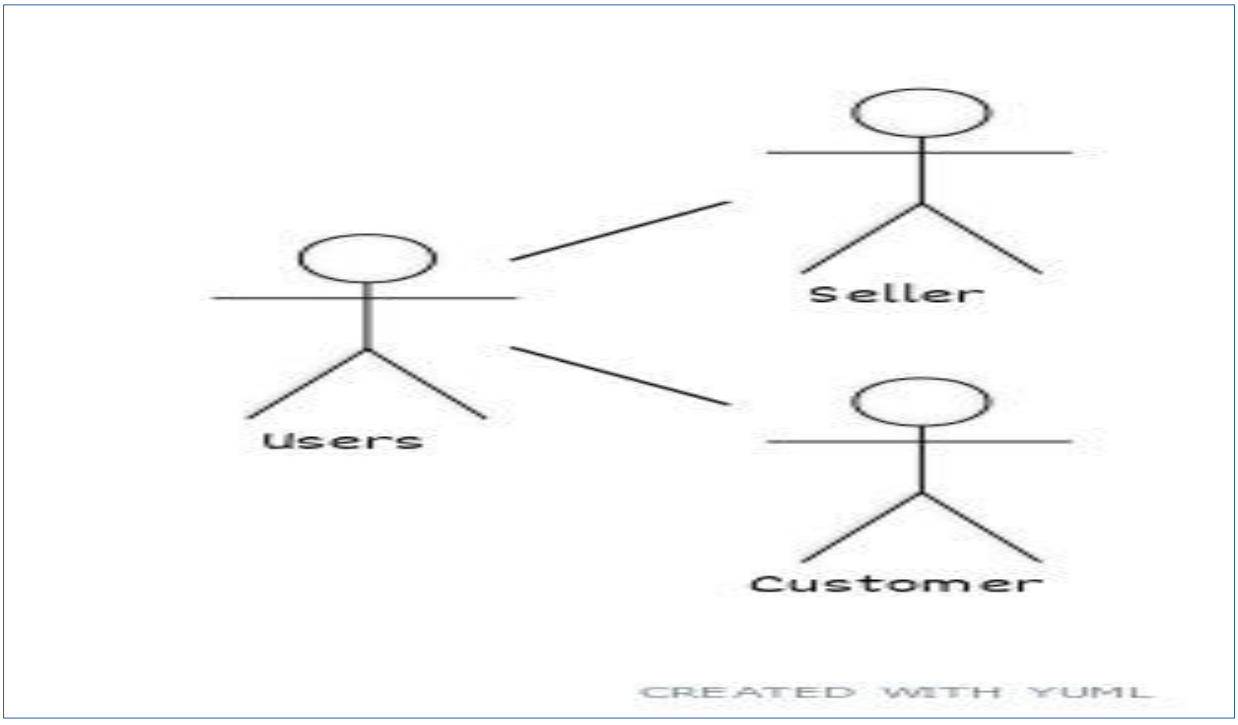
* Manage address book for easy shipping information entry.

* Order history with details and Order information.

Diagram:-




Login
Create Account
Product Categories
Delete Product
Product Details
Update Product
Add Product
Seller
Order by Seller
Cancel
Confirm
Additional Charges
Product
Discount
Check Availability
CREATED WITH YUML


Seller
Users
Customer
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