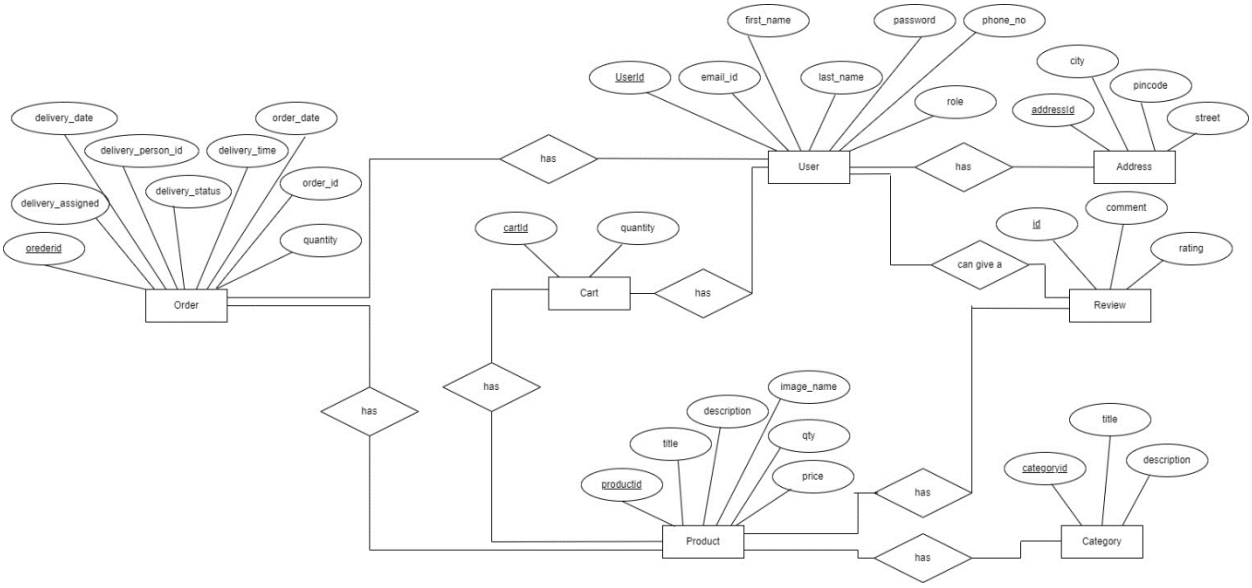
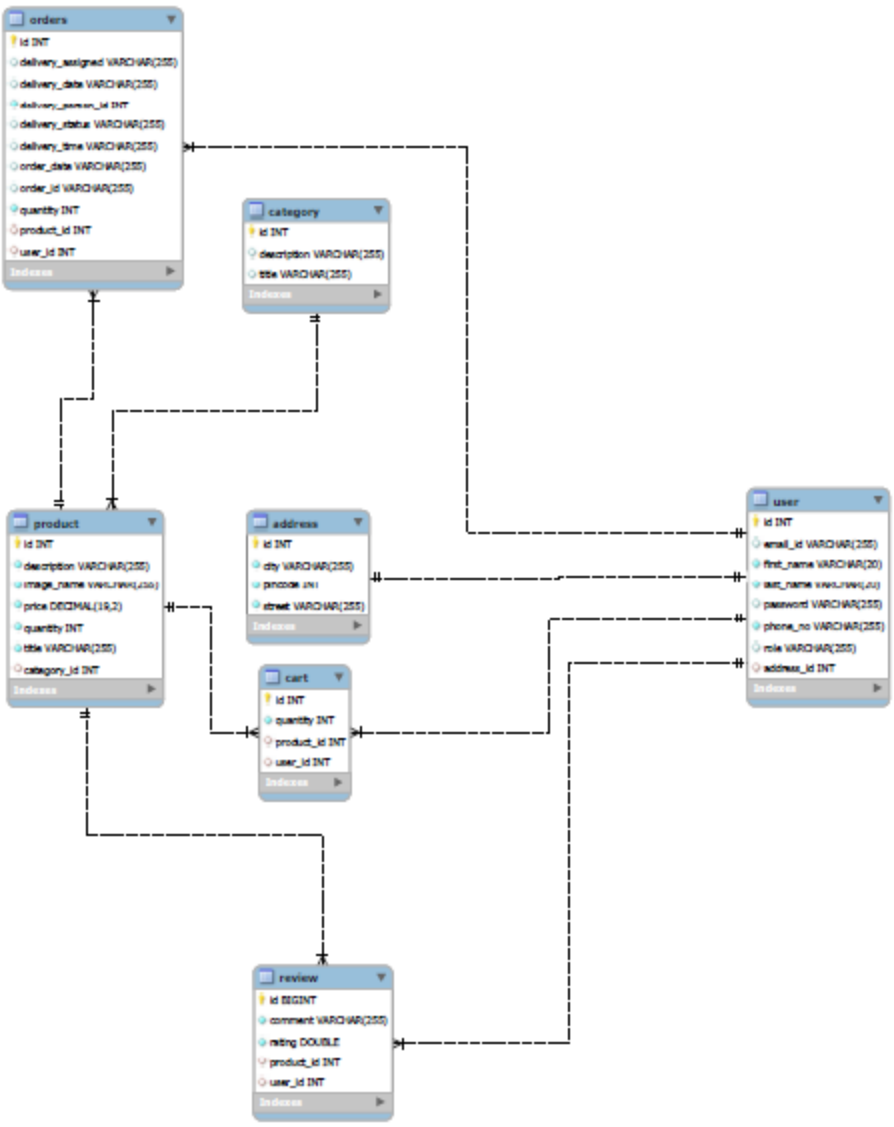
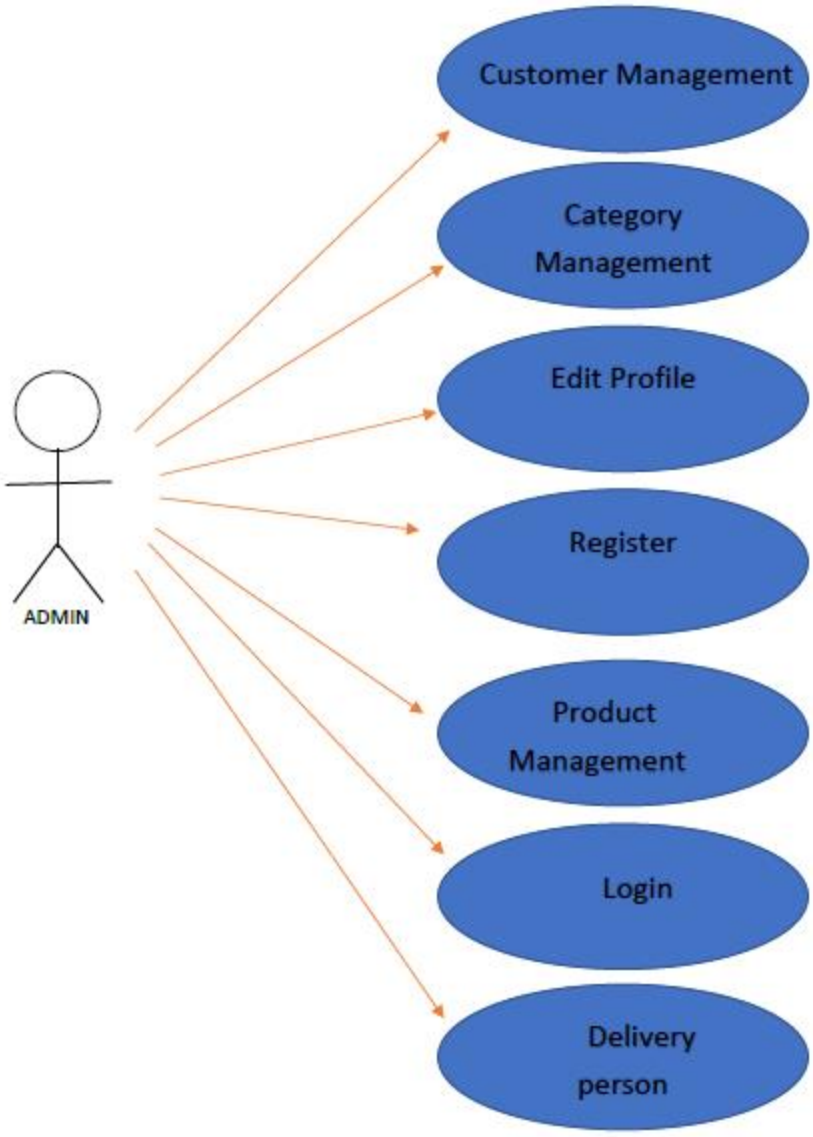
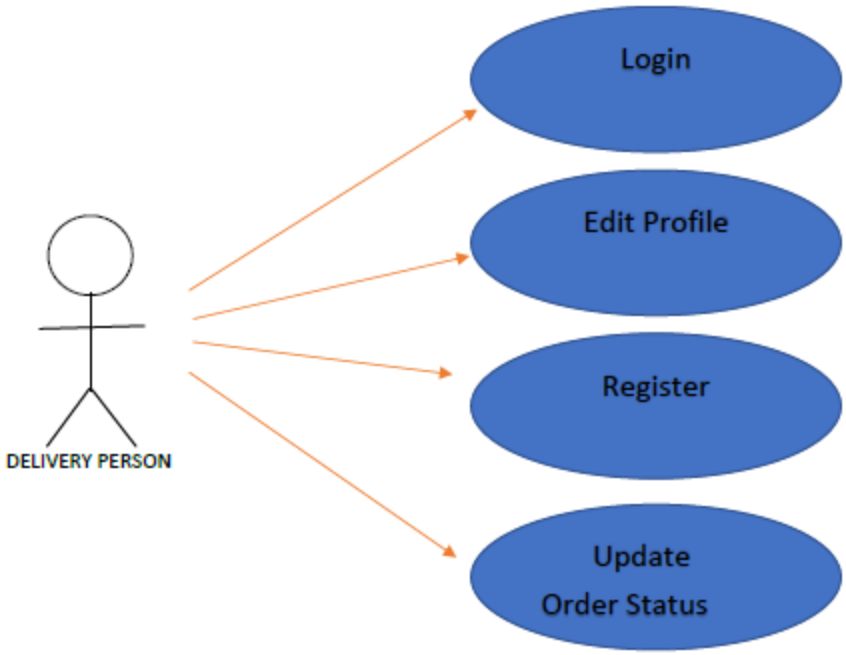
ER Diagram

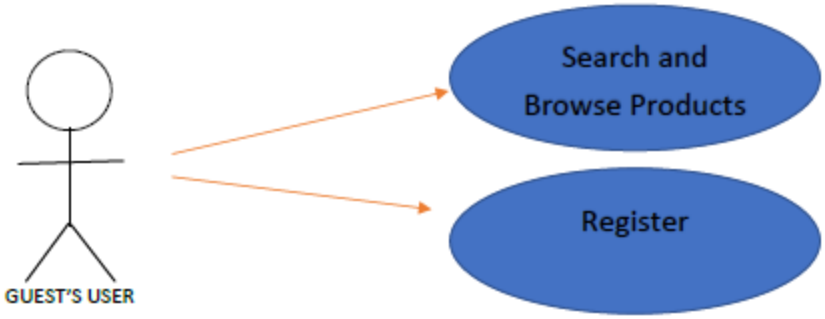

first_name
password
phone_no
UserId
email_id
last_name
role
city
pincode
addressId
street
delivery_date
order_date
delivery_person_id
delivery_time
delivery_status
order_id
delivery_assigned
quantity
orederid
has
User
has
Address
cartId
quantity
Cart
has
id
comment
can give a
rating
Review
Order
has
has
image_name
description
qty
title
price
productId
Product
has
title
categoryid
description
Category
has

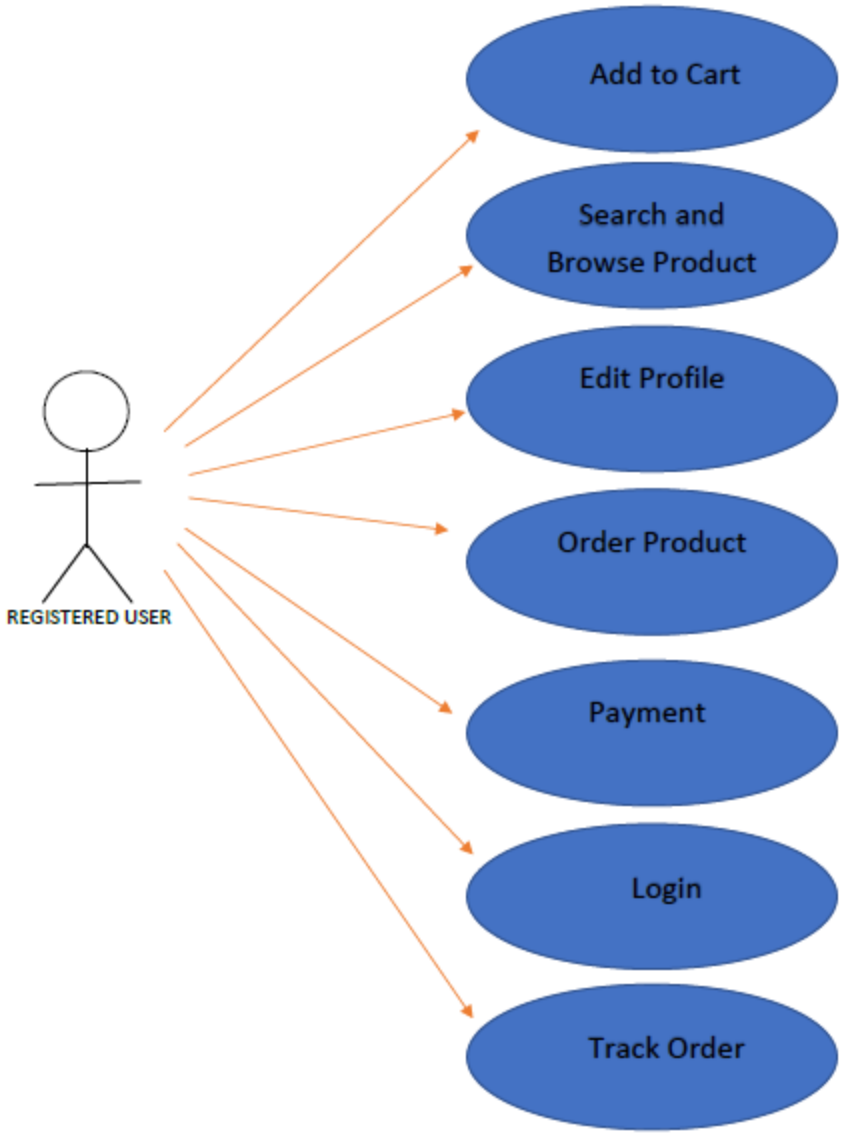

orders
id INT
delivery_assigned VARCHAR(255)
delivery_date VARCHAR(255)
delivery_person_id INT
delivery_status VARCHAR(255)
delivery_time VARCHAR(255)
order_date VARCHAR(255)
order_id VARCHAR(255)
quantity INT
product_id INT
user_id INT
Indexes
category
id INT
description VARCHAR(255)
title VARCHAR(255)
Indexes
product
id INT
description VARCHAR(255)
image_name VARCHAR(255)
price DECIMAL(19,2)
quantity INT
title VARCHAR(255)
category_id INT
Indexes
address
id INT
city VARCHAR(255)
pincode INT
street VARCHAR(255)
Indexes
user
id INT
email_id VARCHAR(255)
first_name VARCHAR(20)
last_name VARCHAR(20)
password VARCHAR(255)
phone_no VARCHAR(255)
role VARCHAR(255)
address_id INT
Indexes
cart
id INT
quantity INT
product_id INT
user_id INT
Indexes
review
id BIGINT
comment VARCHAR(255)
rating DOUBLE
product_id INT
user_id INT
Indexes

Use Case:


Customer Management
Category Management
Edit Profile
Register
Product Management
Login
Delivery person
ADMIN

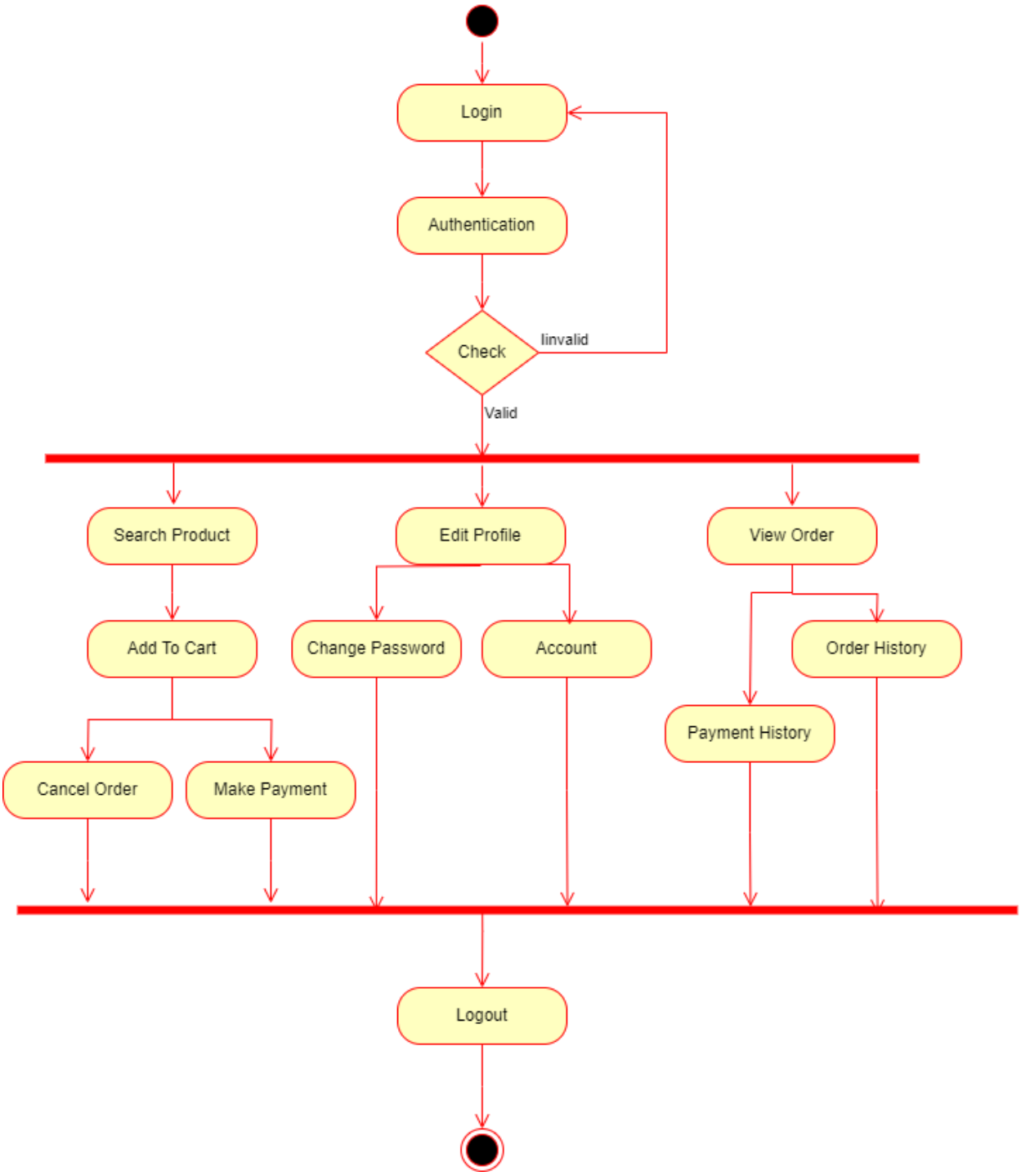

Login
Edit Profile
Register
Update
Order Status
DELIVERY PERSON


Search and
Browse Products
Register
GUEST'S USER

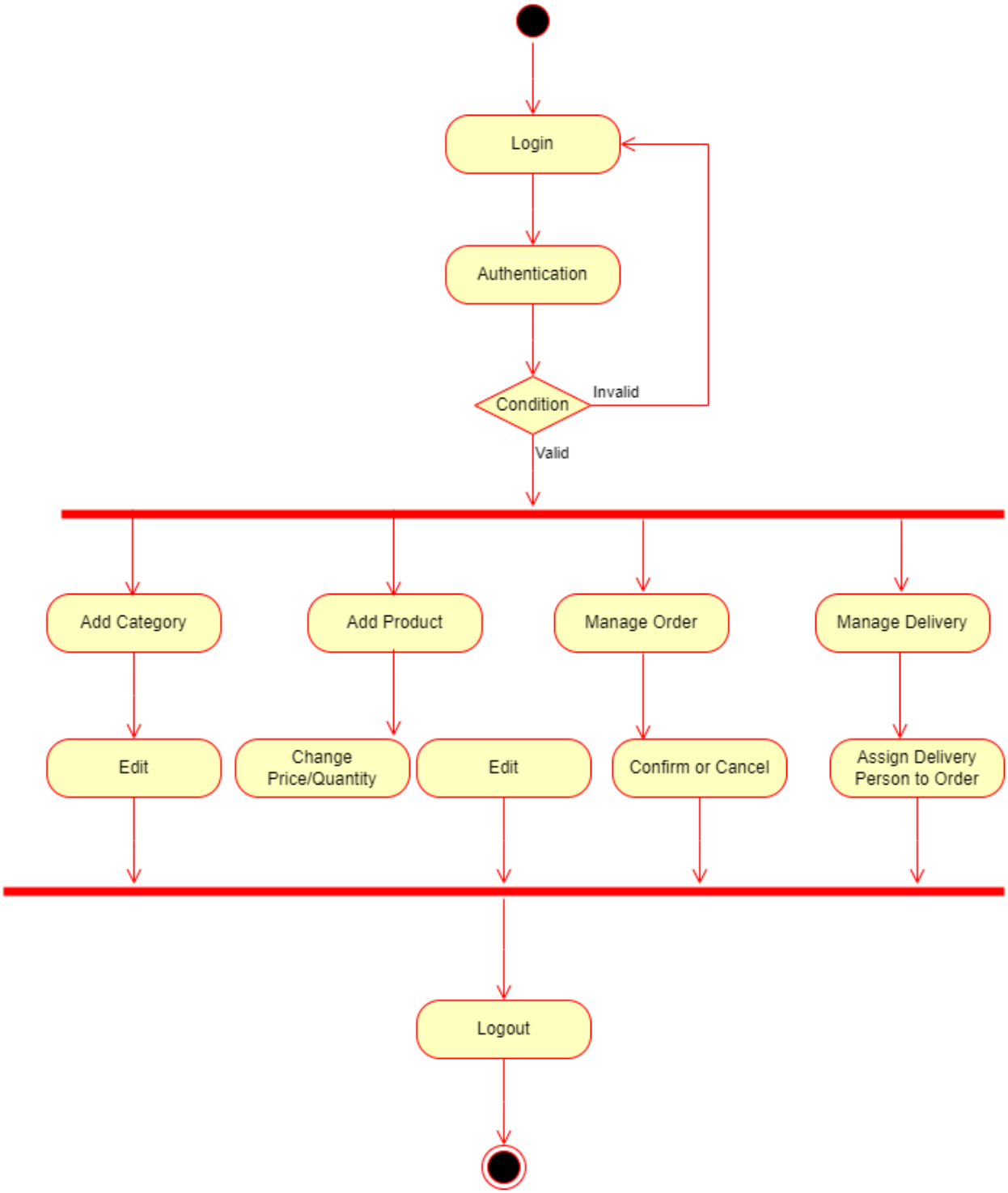


Activity:

User:


Login
Authentication
Check
Iinvalid
Valid
Search Product
Edit Profile
View Order
Add To Cart
Change Password
Account
Order History
Payment History
Cancel Order
Make Payment
Logout

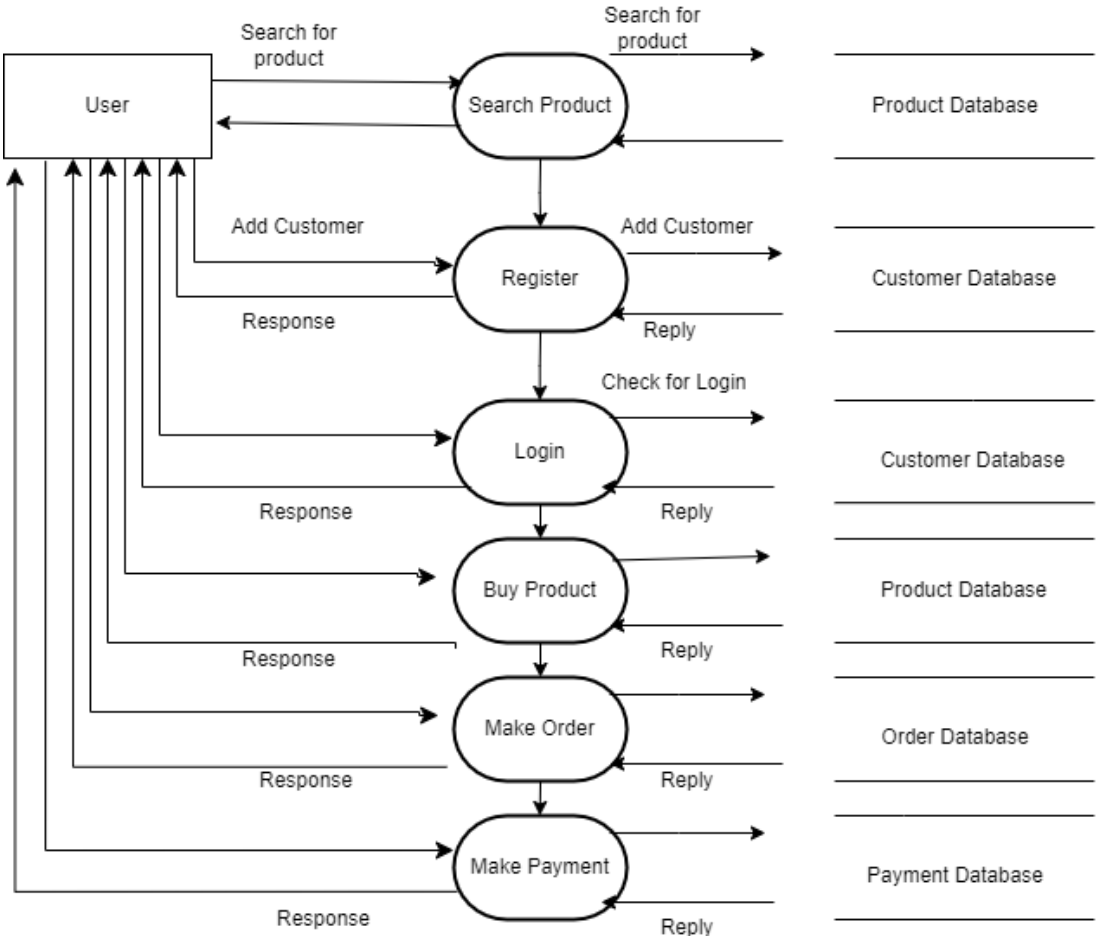
Admin:


Login
Authentication
Condition
Invalid
Valid
Add Category
Add Product
Manage Order
Manage Delivery
Edit
Change Price/Quantity
Edit
Confirm or Cancel
Assign Delivery Person to Order
Logout

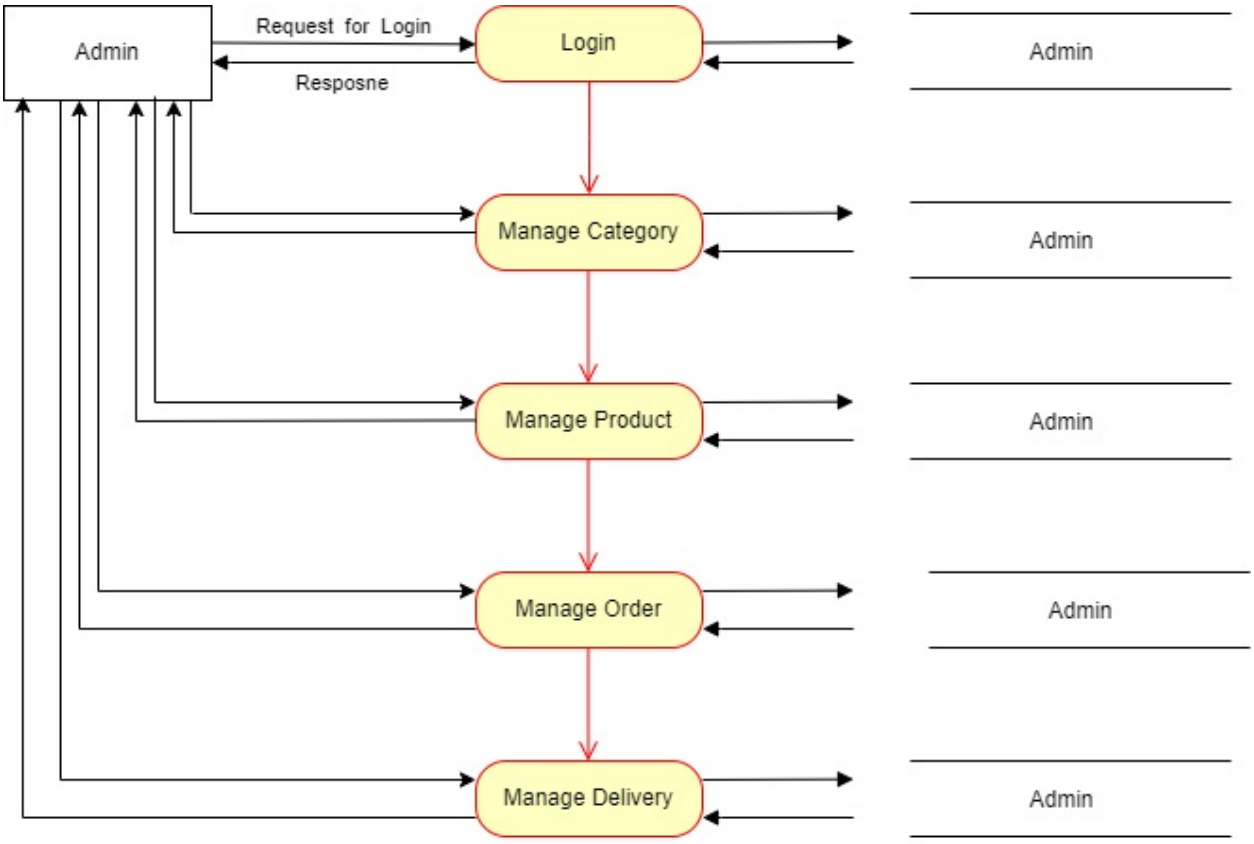
DFD:

LVL 0:

Customer Side Level 1



Admin Side:


Admin
Request for Login
Resposne
Login
Admin
Manage Category
Admin
Manage Product
Admin
Manage Order
Admin
Manage Delivery
Admin