Table No: 1

Table Name: tbl_signup

Primary key: Signup_id,role_type

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	Signup_id	INT	Primary key	Unique signup record.
2.	username	VARCHAR(50)	NOT NULL	User's username.
3.	email	VARCHAR(100)	NOT NULL	User's email.
4.	password	VARCHAR(50)	NOT NULL	User's password.
5.	Phoneno	VARCHAR(15)	-	User's contact number.
6.	role_type	ENUM	Primary key	Role of the user(Admin,User,Seller).
7.	Verification_Status	ENUM	DEFAULT PENDING	Email verification.

Table No: 2

Table Name: tbl_login

Primary key: login_id

Foreign key:Signup_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	login_id	INT	Primary key	User's login id.
2.	Signup_id	INT	Foreign key	References to Signup table
3.	Login_status	ENUM	DEFAULT FAILED	Login attempt status.
4.	Last_login	TIMESTAMP	DEFAULT TIMESTAMP	TIMESTAMP for last login.

Table No: 3

Table Name: tbl_users

Primary key: user_id

Foreign key:role_type

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	user_id	INT	Primary key	Unique identifier for users.
2.	username	VARCHAR(50)	NOT NULL	User's login username.
3.	role_type	ENUM	Foreign key	References to Signup table.

Table No: 4

Table Name: tbl_seller

Primary key: seller_id

Foreign key:role_type

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	seller_id	INT	Primary key	Unique identifier for sellers.
2.	Sellername	VARCHAR(50)	NOT NULL	Seller's login username.
3.	role_type	ENUM	Foreign key	References to Signup table.
4.	Status	ENUM	DEFAULT PENDING	Account status (Pending/Approved/ Rejected).

Table No: 5

Table Name: tbl_category

Primary key: category_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	category_id	INT	Primary key	Unique identifier for each category.
2.	name	VARCHAR(50)	NOT NULL	Category name.
3.	description	VARCHAR(200)	-	Category description.

Table No: 6

Table Name: tbl_product

Primary key: product_id

Foreign key: seller_id, category_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	product_id	INT	Primary key	Unique identifier for each product.
2.	seller_id	INT	Foreign key	References to seller table.
3.	category_id	INT	Foreign key	References to category table.
4.	name	VARCHAR(50)	NOT NULL	Product name.
5.	description	VARCHAR(200)	-	Product description.
6.	price	DECIMAL(10,2)	NOT NULL	Product price.
7.	Stock_quantity	INT	NOT NULL	Available stock.
8.	Fragrance_type	VARCHAR(50)	-	Type of fragrance.
9.	gender	ENUM	-	Target gender.
10.	image_url	TEXT	-	Product image URL.

Table No: 7

Table Name: tbl_cart

Primary key: cart_id

Foreign key: user_id, product_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	Cart_id	INT	Primary key	Unique identifier for cart item.
2.	product_id	INT	Foreign key	References to product table.
3.	user_id	INT	Foreign key	References to user table.
4.	quantity	INT	NOT NULL	Quantity of products.

Table No: 8

Table Name: tbl_orders

Primary key: order_id

Foreign key: user_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	order_id	INT	Primary key	Unique identifier for each orders.
2.	user_id	INT	Foreign key	References to user table.
3.	total_amount	DECIMAL(10,2)	NOT NULL	Total order amount.
4.	status	ENUM	DEFAULT PENDING	Order status.
5.	ordered_time	TIMESTAMP	DEFAULT TIMESTAMP	TIMESTAMP for ordered time.
6.	payment_method	VARCHAR(50)	-	Method of payment.
7.	payment_status	ENUM	DEFAULT PENDING	Payment status.
8.	Shipping_address	TEXT	-	Delivery Address.
9.	wrapping_type	VARCHAR(50)	NULL	Gift wrapping type.

Table No: 9

Table Name: tbl_orderitem

Primary key: orderitem_id

Foreign key: order_id, product_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	orderitem_id	INT	Primary key	Unique identifier for order item.
2.	order_id	INT	Foreign key	References to order table.
3.	product_id	INT	Foreign key	References to product table.
4.	quantity	INT	NOT NULL	Quantity of ordered.
5.	price	DECIMAL(10,2)	NOT NULL	Price at time of order.

Table No: 10

Table Name: tbl_reviews

Primary key: review_id

Foreign key: user_id, product_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	review_id	INT	Primary key	Unique identifier for reviews.
2.	user_id	INT	Foreign key	References to user table.
3.	product_id	INT	Foreign key	References to product table.
4.	rating	INT	Check(rating>=1&<=5)	Rating from 1 - 5.
5.	comment	TEXT	-	Review comment.

Table No: 11

Table Name: tbl_skinsensitivity

Primary key: sensitivity_id

Foreign key: user_id

Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	sensitivity_id	INT	Primary key	Unique identifier for sensitivity records.
2.	user_id	INT	Foreign key	References to user table.
3.	allergies	VARCHAR(100)	-	Known allergies.

Table No: 12

Table Name: tbl_brand

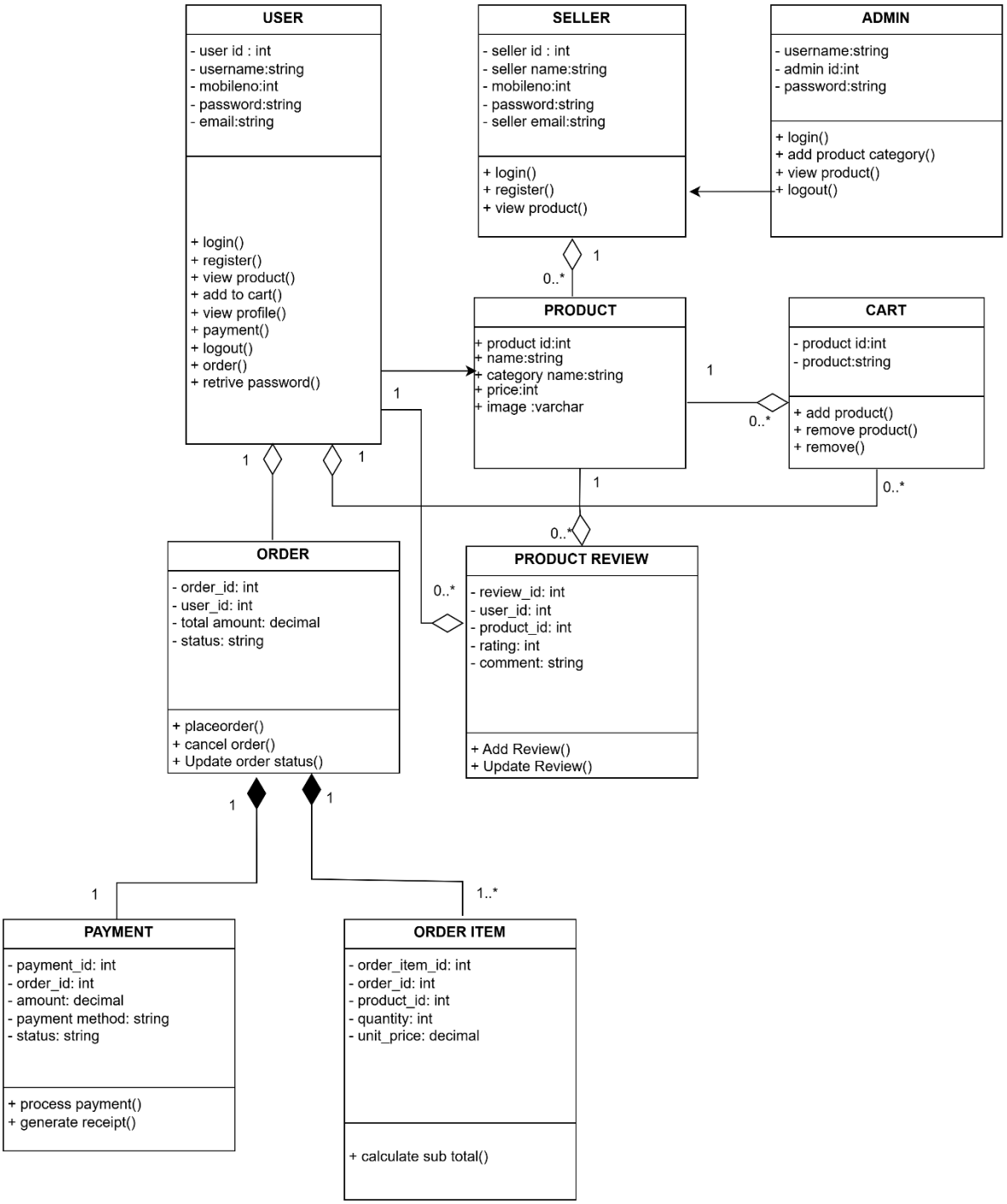
Primary key: brand_id

Foreign key: seller_id

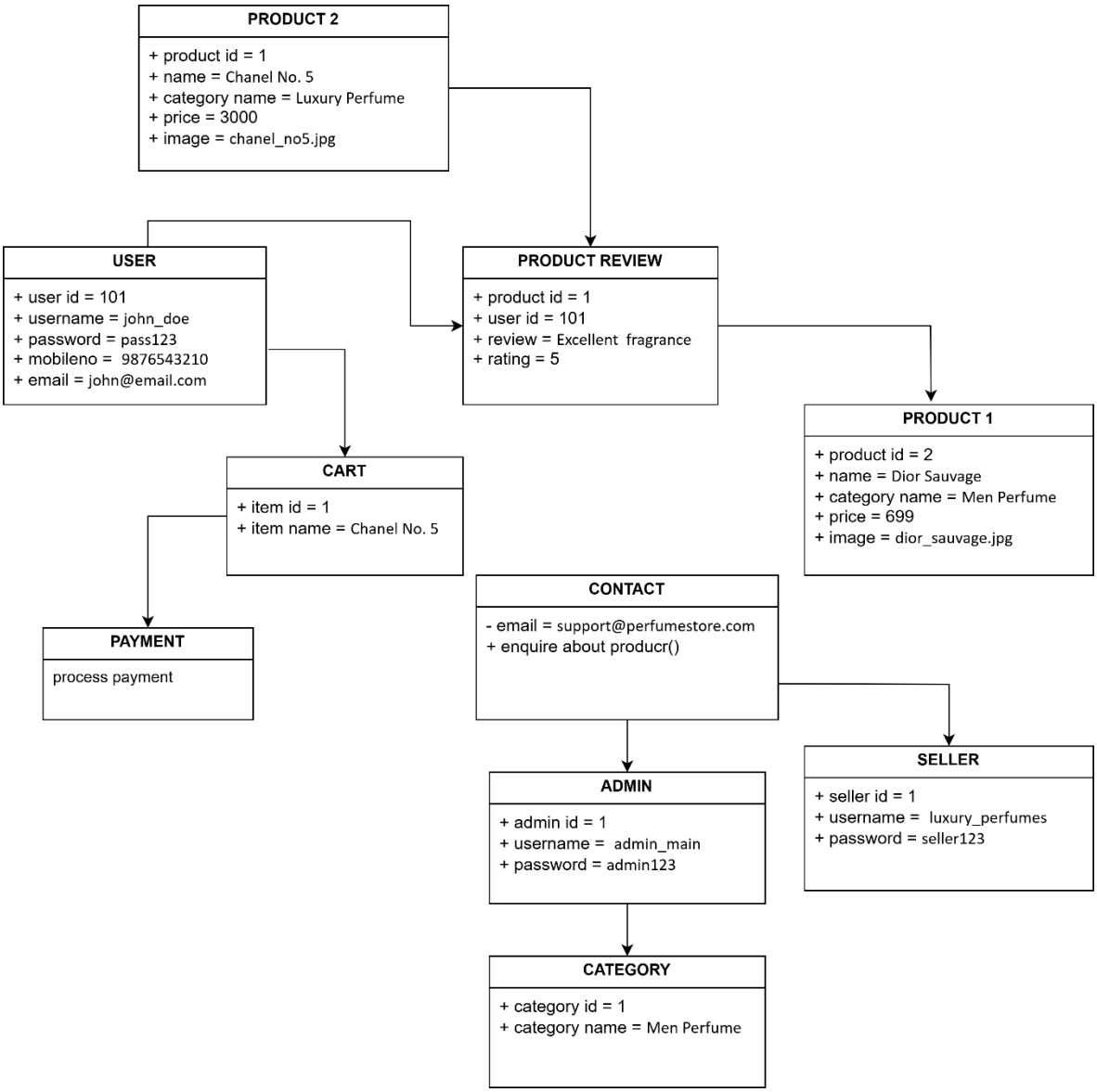
Slno.	Fieldname	Datatype(Size)	Key Constraints	Description
1.	brand_id	INT	Primary key	Unique identifier for Brands.
2.	seller_id	INT	Foreign key	References to seller table.
3.	brand_name	VARCHAR(200)	NOT NULL	Name of brand.

UML Diagrams

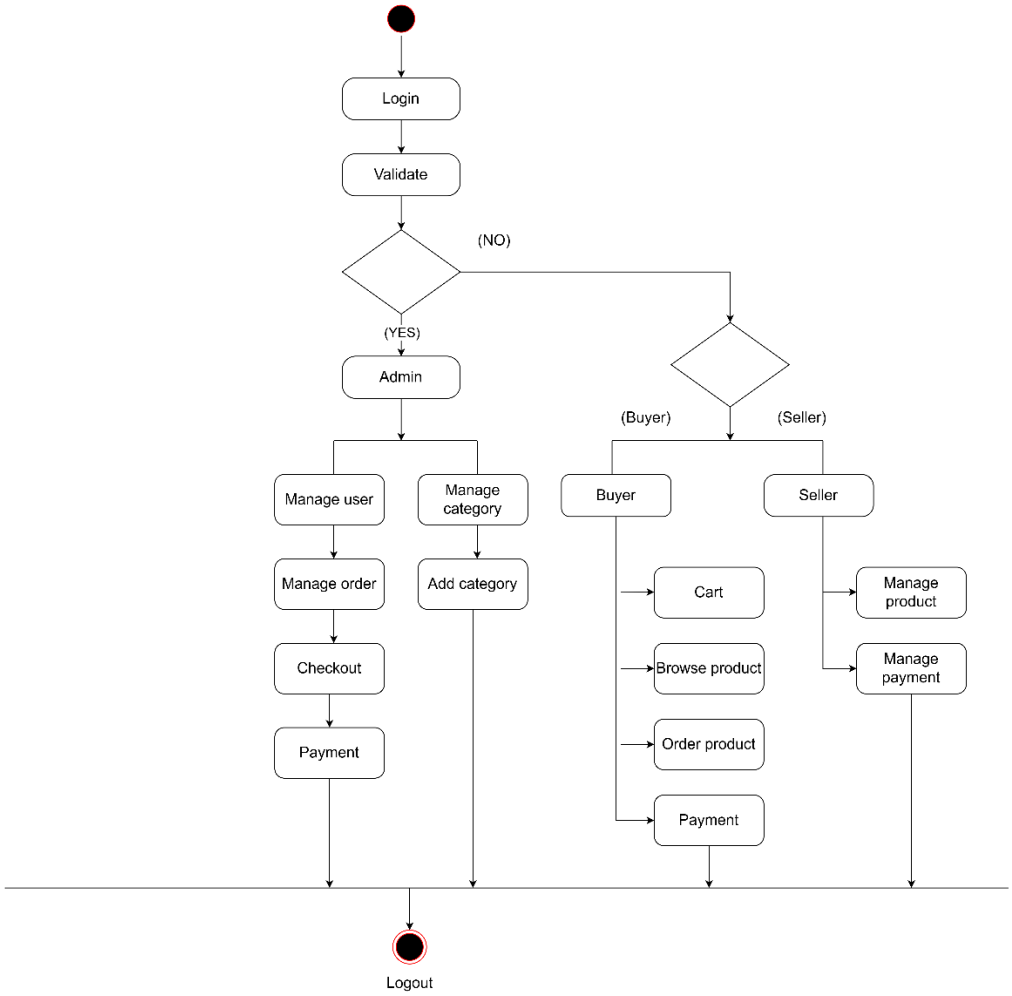
Class Diagram



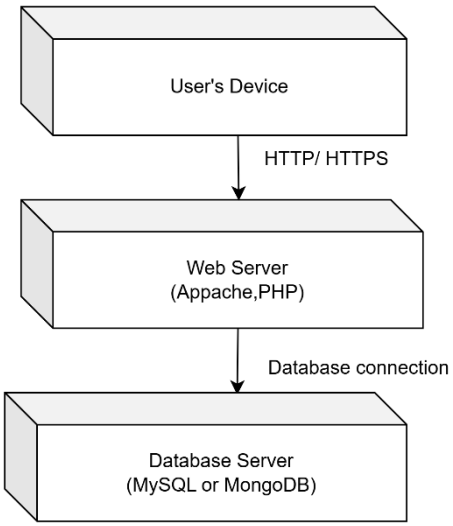
Object Diagram



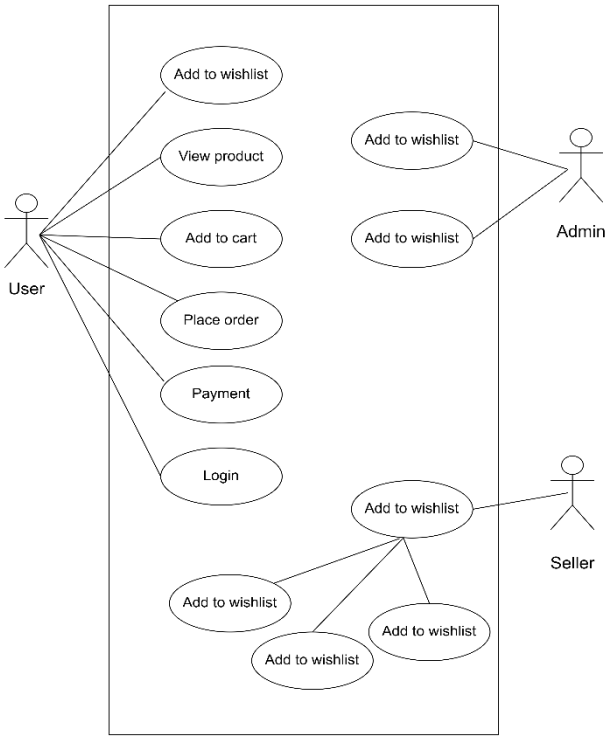
Activity Diagram



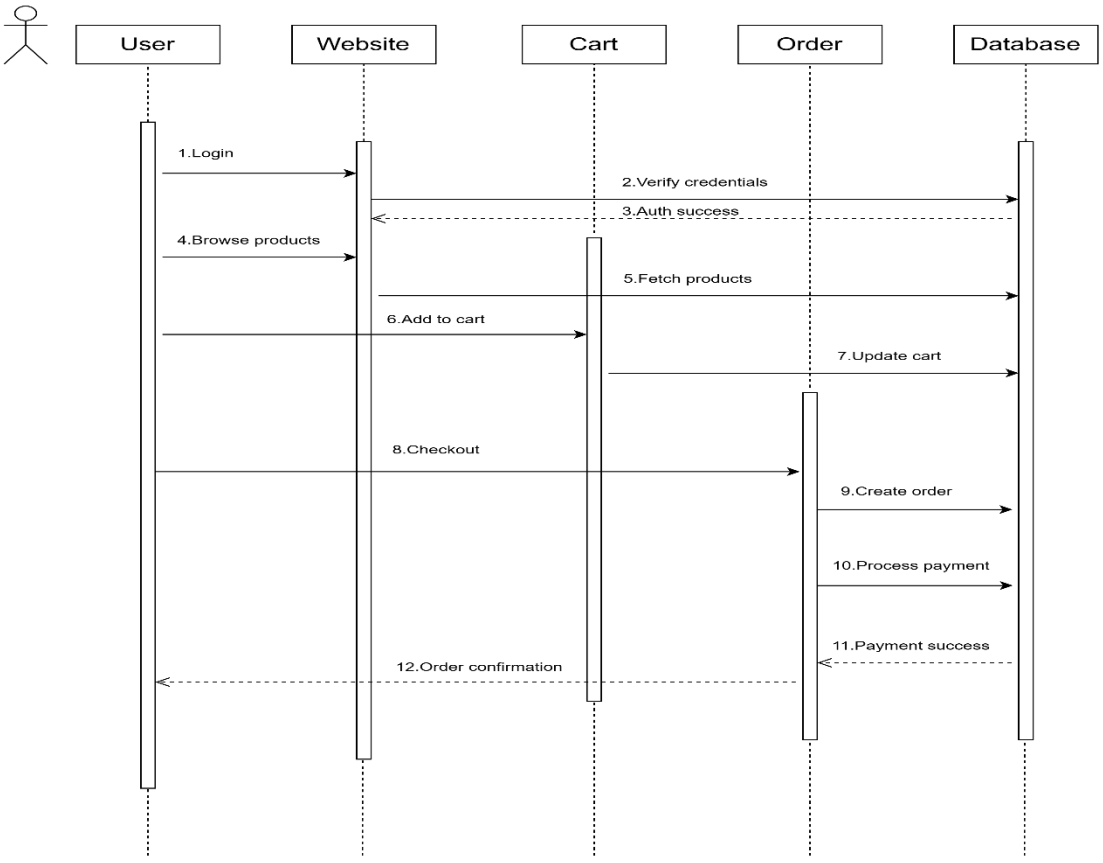
Deployment Diagram



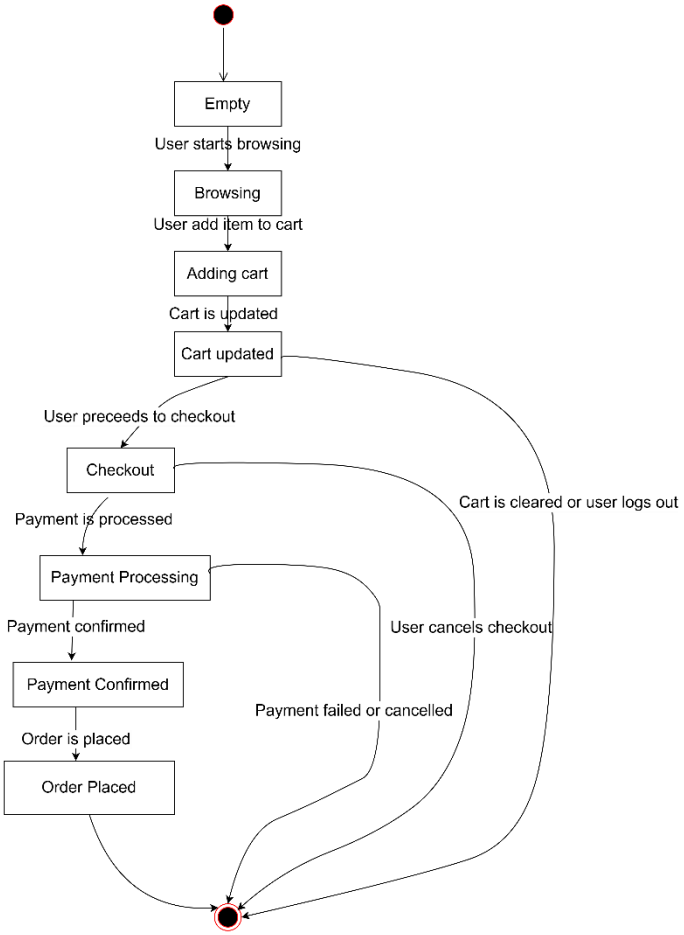
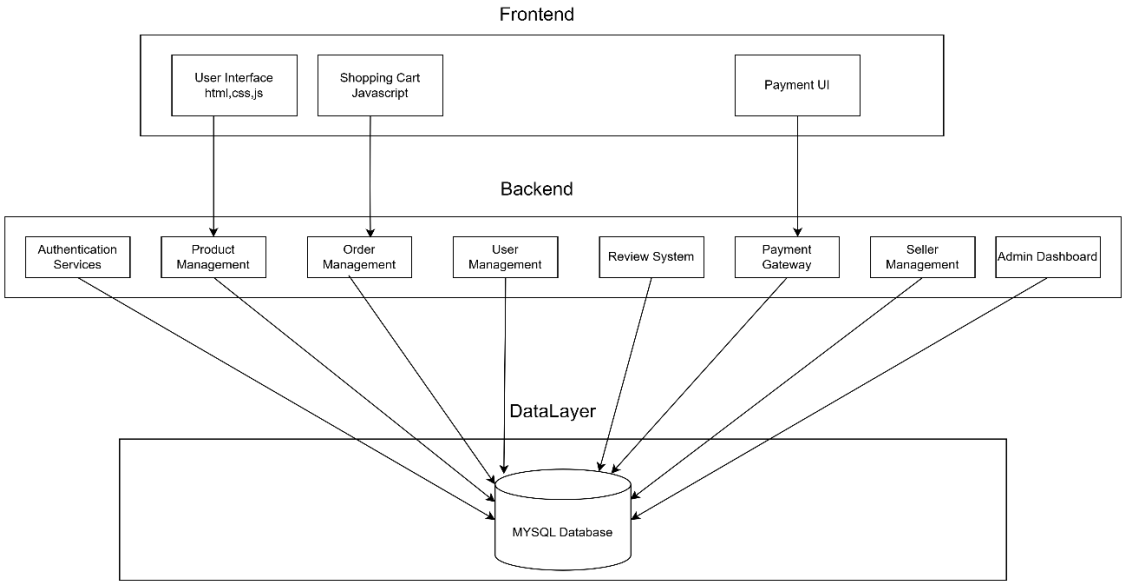
Use case Diagram



Sequence Diagram



State chart Diagram



Component Diagram