**Assignment 4**

## **FEATURES:**

* Shipping Method Selection (Standard, Same-day, Prime Delivery)
* Address Management (Save, Edit, Validate addresses)
* Real-time Order Tracking
* Packaging and Dispatch Management
* Shipping Notifications and Updates (SMS, Email)
* Order Cancellation and Return Pickup Scheduling

**USER STORIES:**

### **Shipping Method Selection**

* As a customer, I want to choose between different shipping options based on delivery speed and price.

**Tasks:**

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

* As a system, I want to display estimated delivery dates before order confirmation.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

### **Address Management**

* As a customer, I want to add, save, and edit multiple shipping addresses.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

* As a system, I want to validate entered addresses to avoid failed deliveries.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

### **Real-time Order Tracking**

* As a customer, I want to track the live status of my shipment from dispatch to delivery.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

* As a system, I want to update order tracking status in real-time.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

### **Packaging and Dispatch Management**

* As a warehouse manager, I want to assign orders to dispatch teams based on region and urgency.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

* As a system, I want to update packaging and handover status automatically.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

### **Shipping Notifications and Updates**

* As a customer, I want to receive SMS and email updates when my package is dispatched, out for delivery, or delivered.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

### **Order Cancellation and Return Pickup Scheduling**

* As a customer, I want the option to cancel orders before dispatch and schedule returns easily.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR

* As a system, I want to trigger pickup requests automatically when a return is initiated.

Tasks:

1.Build the API layer

2.Build the UI Layer

3.Build the DB LayeR