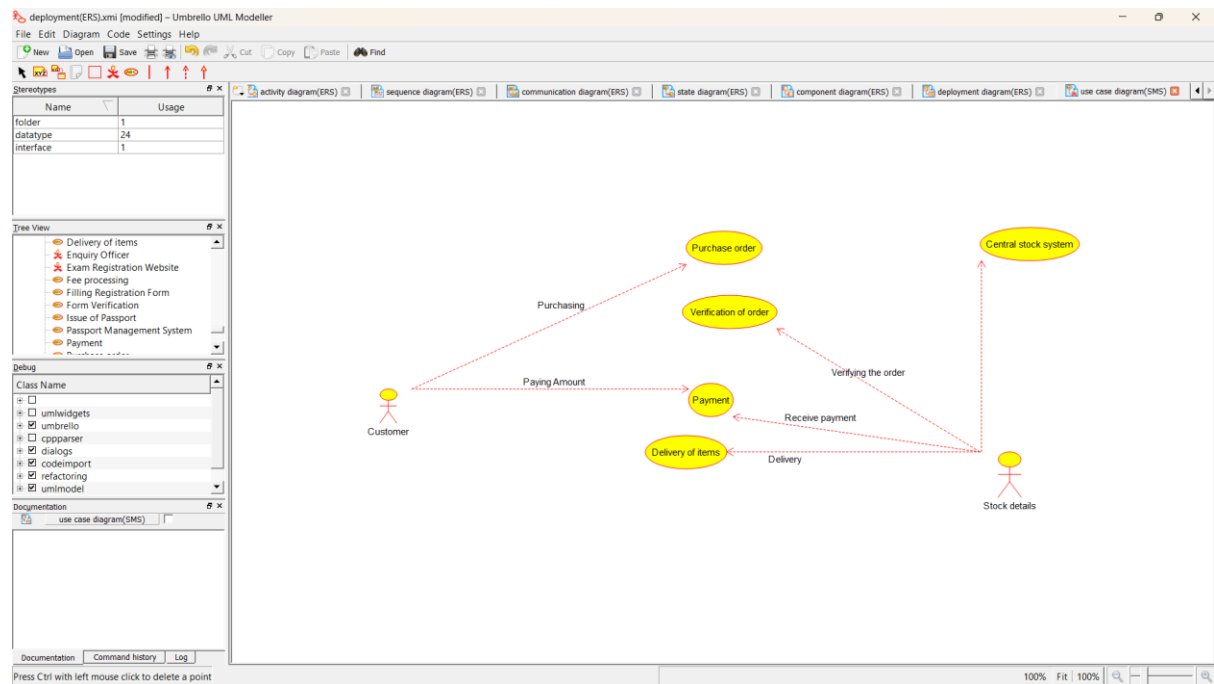


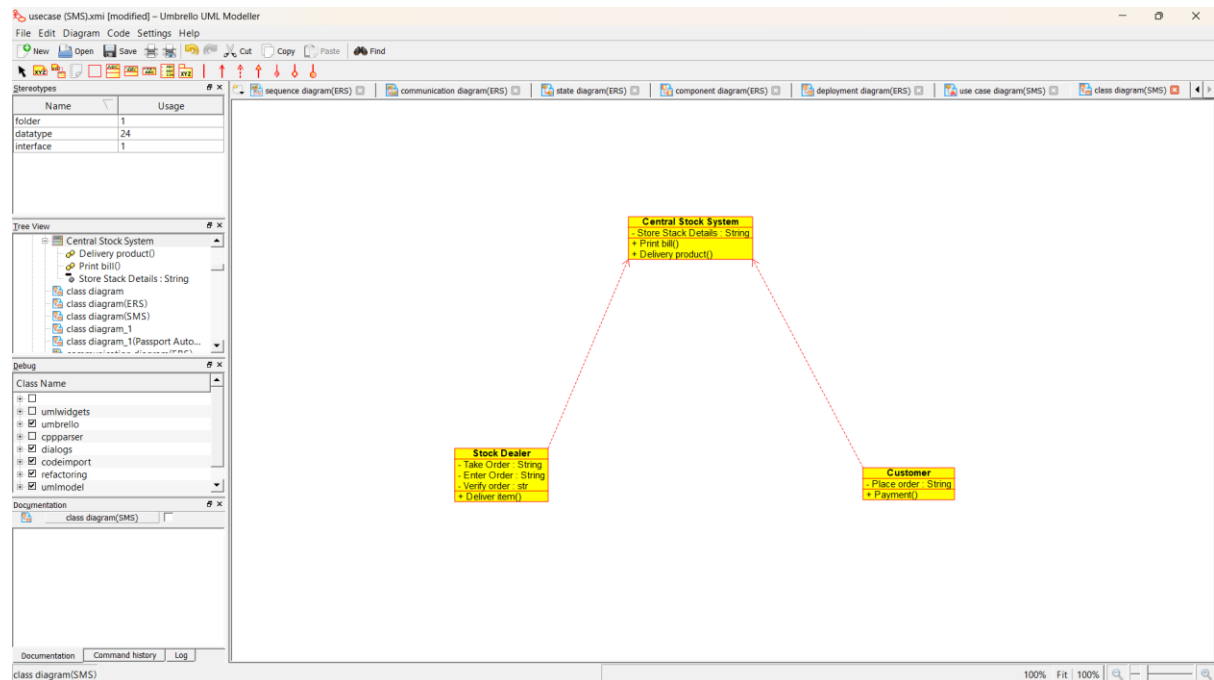
EX:NO:4

STOCK MAINTAINANCE SYSTEM

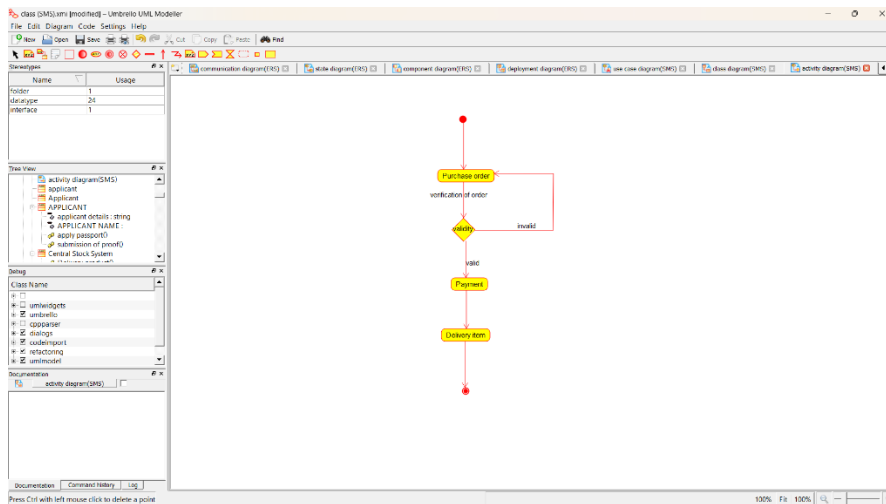
USECASE DIAGRAM:



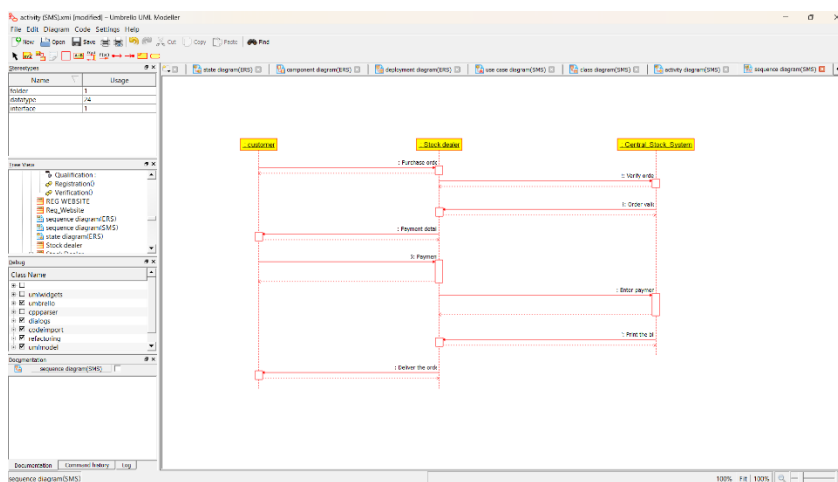
CLASS DIAGRAM:



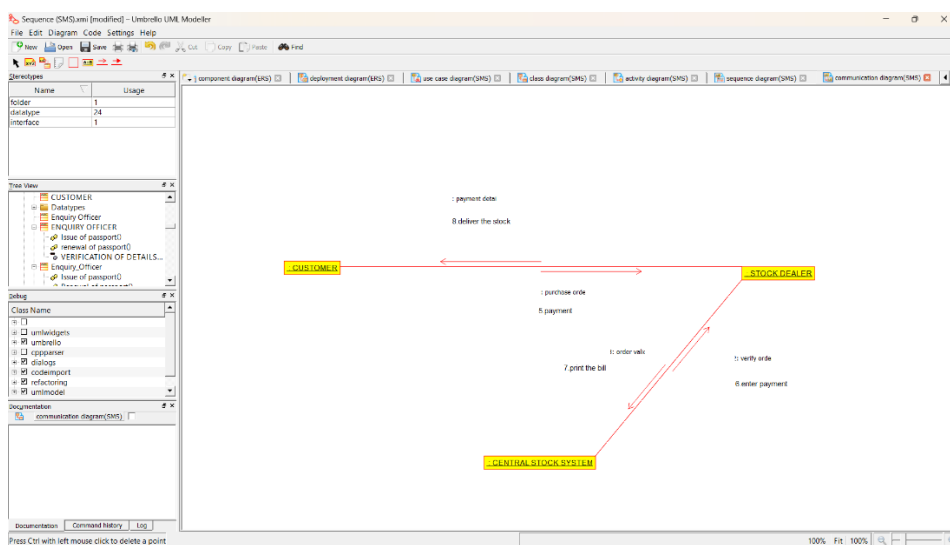
ACTIVITY DIAGRAM:



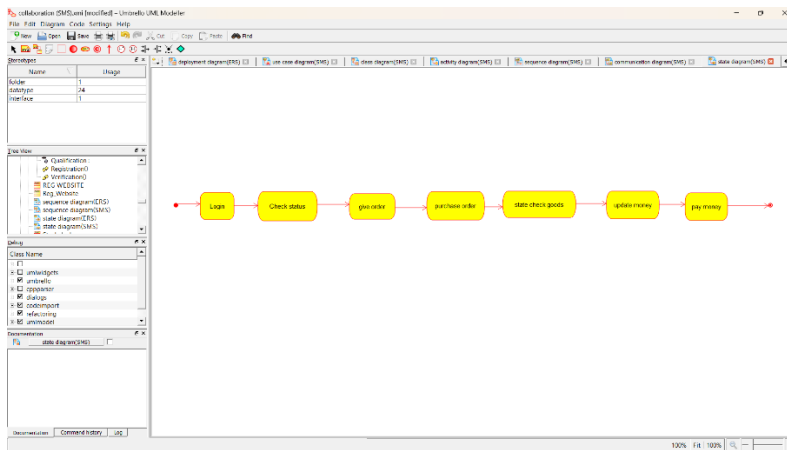
SEQUENCE DIAGRAM:



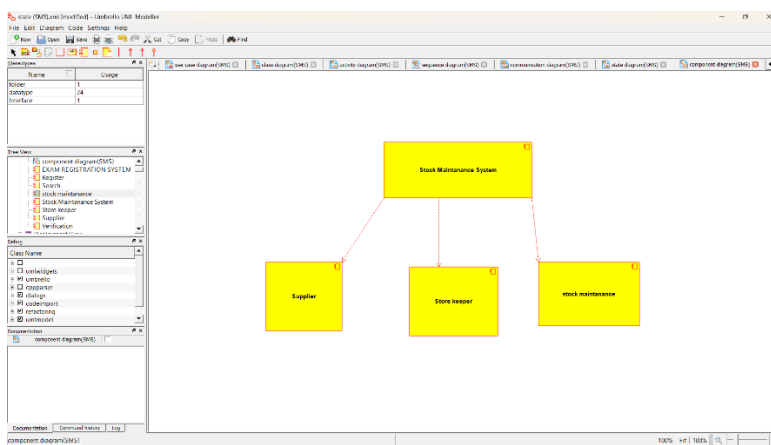
COLLABORATION DIAGRAM:



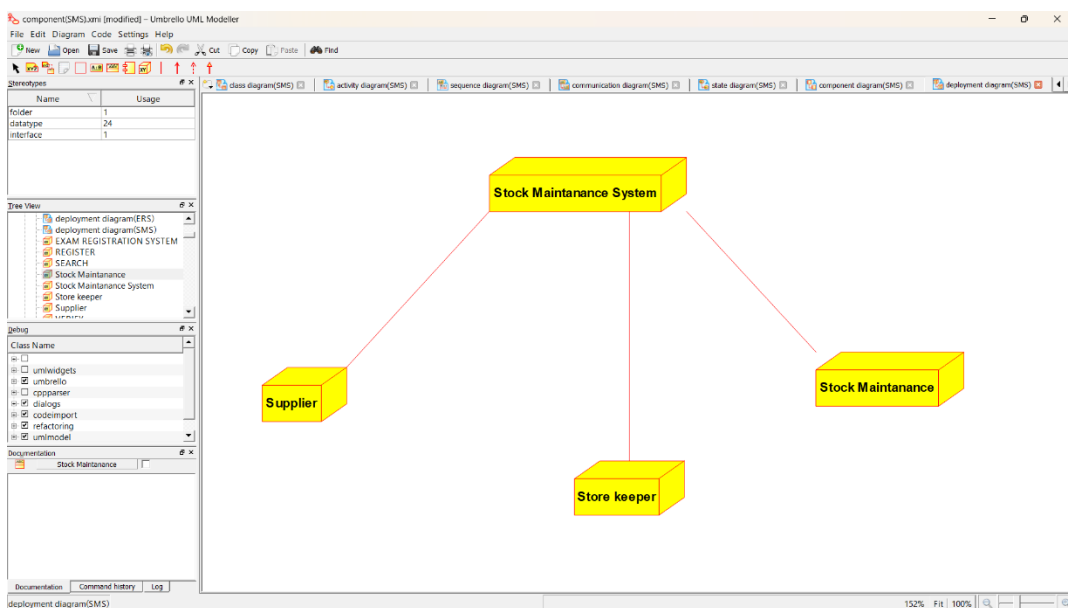
STATE DIAGRAM:



COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM:



PROGRAM CODING:

```
/**
 * Class Central_Stock_System
 */
public class Central_Stock_System {
    //
    // Fields
    //
    private String Store_Stack_Details;
    //
    // Constructors
    //
    public Central_Stock_System () { };
    //
    // Methods
    //
    //
    // Accessor methods
    //
    /**
     * Set the value of Store_Stack_Details
     * @param newVar the new value of Store_Stack_Details
     */
    private void setStore_Stack_Details (String newVar) {
        Store_Stack_Details = newVar;
    }
    /**
     * Get the value of Store_Stack_Details
     * @return the value of Store_Stack_Details
     */
    private String getStore_Stack_Details () {
        return Store_Stack_Details;
    }
    //
    // Other methods
    //

    /**
     */
    public void Print_bill()
    {
    }
    /**
     */
    public void Delivery_product()
    {
    }
}
/**
 * Class Stock_Dealer
 */
public class Stock_Dealer {
    //
    // Fields
    //
    private String Take_Order;
    private String Enter_Order;
    private str Verify_order;
    //
    // Constructors
    //
    public Stock_Dealer () { };
    //
    // Methods
    //
    //
    // Accessor methods
    //
    /**
     * Set the value of Take_Order
     * @param newVar the new value of Take_Order
     */
    private void setTake_Order (String newVar) {
        Take_Order = newVar;
    }
}
```

```

}
/**
 * Get the value of Take_Order
 * @return the value of Take_Order
 */
private String getTake_Order () {
    return Take_Order;
}
/**
 * Set the value of Enter_Order
 * @param newVar the new value of Enter_Order
 */
private void setEnter_Order (String newVar) {
    Enter_Order = newVar;
}
/**
 * Get the value of Enter_Order
 * @return the value of Enter_Order
 */
private String getEnter_Order () {
    return Enter_Order;
}
/**
 * Set the value of Verify_order
 * @param newVar the new value of Verify_order
 */
private void setVerify_order (str newVar) {
    Verify_order = newVar;
}
/**
 * Get the value of Verify_order
 * @return the value of Verify_order
 */
private str getVerify_order () {
    return Verify_order;
}
//
// Other methods
//
/**
 */
public void Deliver_item()
{
}
}
/**
 * Class Customer
 */
public class Customer {
    //
    // Fields
    //
    private String Place_order;
    //
    // Constructors
    //
    public Customer () { };
    //
    // Methods
    //
    //
    // Accessor methods
    //
    /**
     * Set the value of Place_order
     * @param newVar the new value of Place_order
     */
    private void setPlace_order (String newVar) {
        Place_order = newVar;
    }
    /**
     * Get the value of Place_order
     * @return the value of Place_order
     */
    private String getPlace_order () {

```

```
    return Place_order;
}
//
// Other methods
//
/**
 */
public void Payment()
{
}
}
```