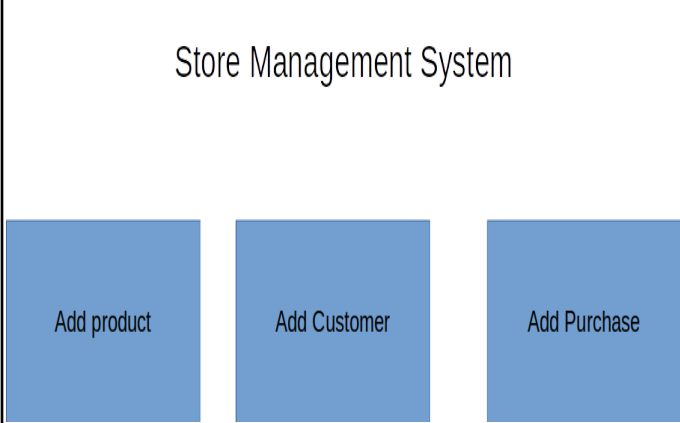
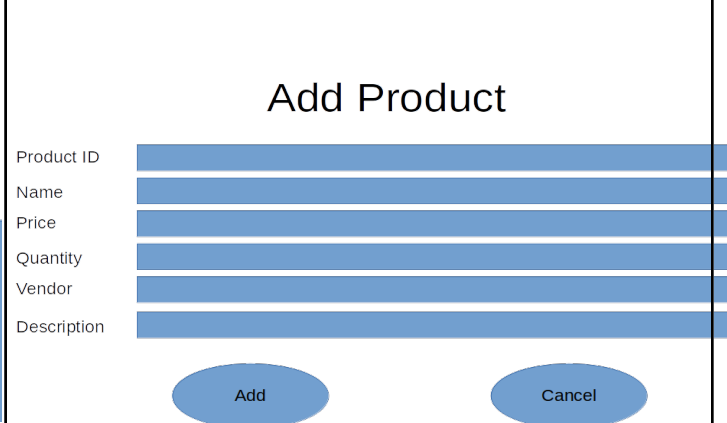
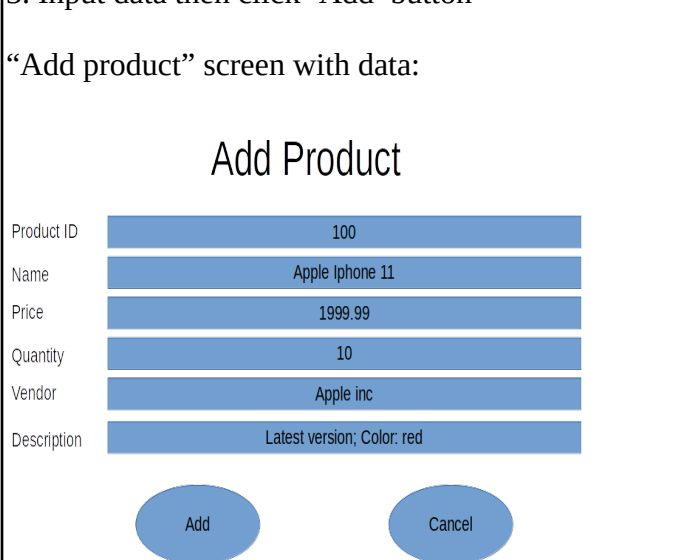
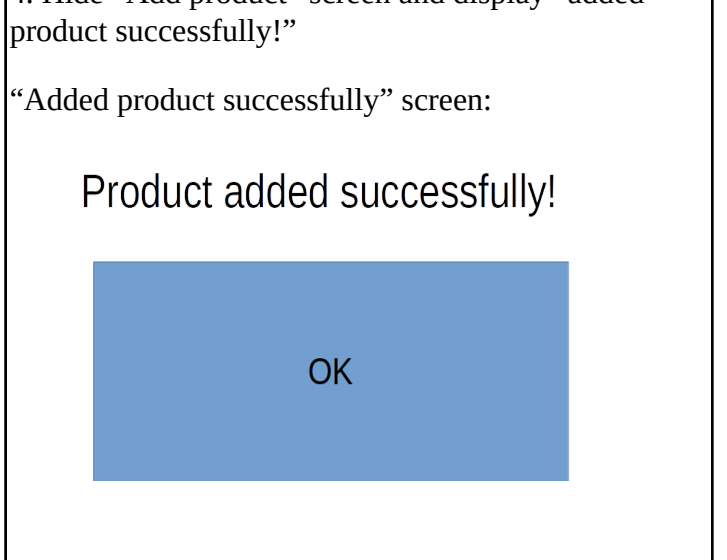
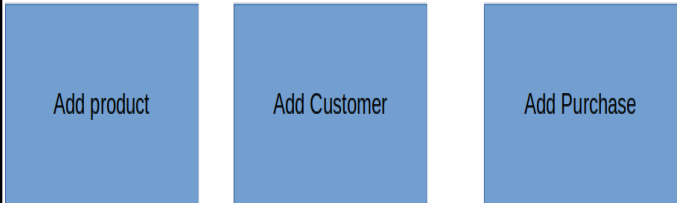
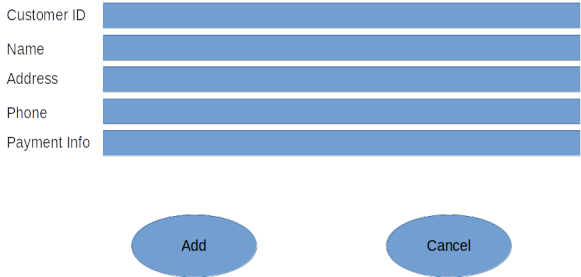
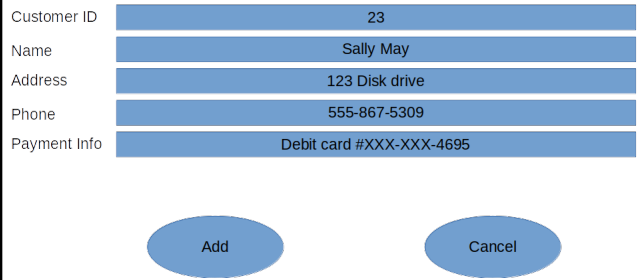
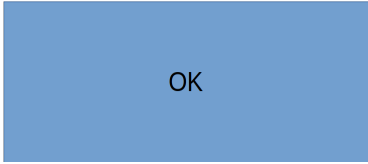


Actor	System
<p>1. Choose command “Add Product”</p> <p>Main Screen:</p>  <p>Store Management System</p> <p>Add product Add Customer Add Purchase</p>	<p>2. Display “Add product screen”</p> <p>“Add product” screen:</p>  <p>Add Product</p> <p>Product ID Name Price Quantity Vendor Description</p> <p>Add Cancel</p>
<p>3. Input data then click ‘Add’ button</p> <p>“Add product” screen with data:</p>  <p>Add Product</p> <p>Product ID 100 Name Apple Iphone 11 Price 1999.99 Quantity 10 Vendor Apple inc Description Latest version; Color: red</p> <p>Add Cancel</p>	<p>4. Hide “Add product” screen and display “added product successfully!”</p> <p>“Added product successfully” screen:</p>  <p>Product added successfully!</p> <p>OK</p>
<p>5. Click “OK”</p>	<p>6. Display Main screen</p>

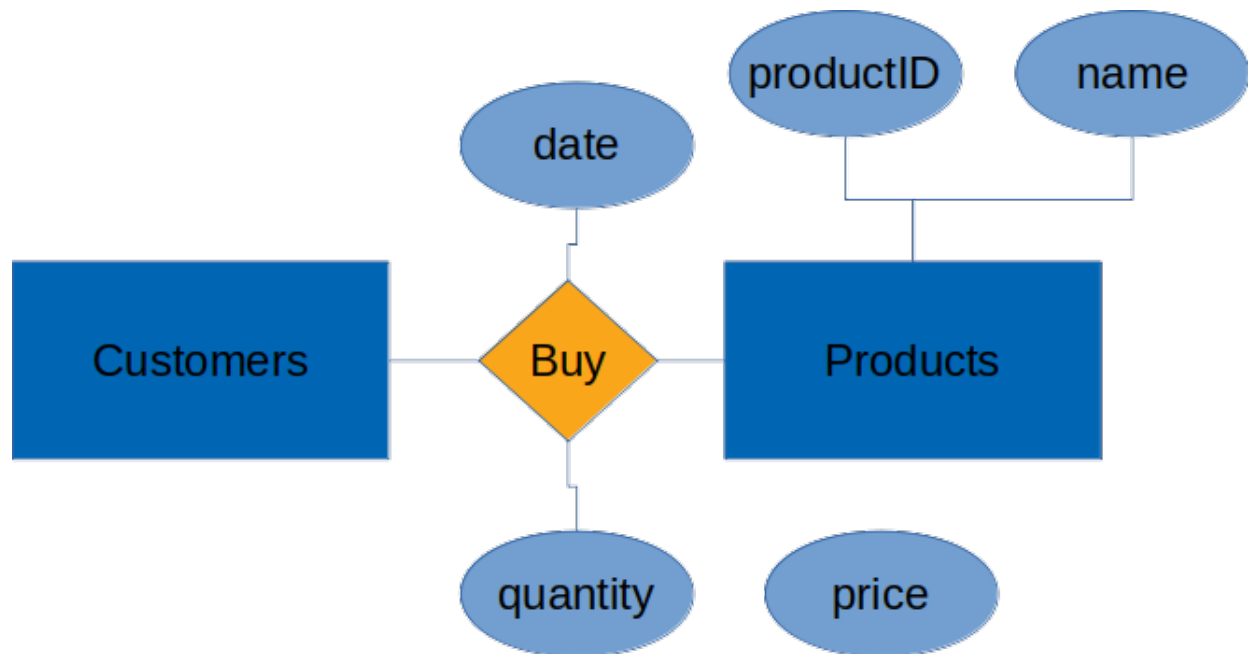
Actor	System
<p>1. Choose command “Add Customer”</p> <p>Main Screen:</p> <p style="text-align: center;">Store Management System</p> 	<p>2. Display “Add customer screen”</p> <p>“Add customer” screen:</p> <p style="text-align: center;">Add Customer</p> 
<p>3. Input data then click ‘Add’ button</p> <p>“Add customer” screen with data:</p> <p style="text-align: center;">Add Customer</p> 	<p>4. Hide “Add customer” screen and display “added customer successfully!”</p> <p>“Added customer successfully” screen:</p> <p style="text-align: center;">Customer added successfully!</p> 
<p>5. Click “OK”</p>	<p>6. Display Main screen</p>

Actor	System
<p>1. Choose command “Add purchase”</p> <p>Main Screen:</p> <p style="text-align: center;">Store Management System</p> 	<p>2. Display “Add purchase screen”</p> <p>“Add purchase” screen:</p> <p style="text-align: center;">Add Purchase</p> 
<p>3. Input data then click ‘Add’ button</p> <p>“Add purchase” screen with data:</p> <p style="text-align: center;">Add Purchase</p> 	<p>4. Hide “Add purchase” screen and display “added purchase successfully”</p> <p>“Added purchase successfully” screen:</p> <p style="text-align: center;">Purchase added successfully!</p> 
<p>5. Click “OK”</p>	<p>6. Display Main screen</p>

Products (**product-ID**, bar code, name, expiration date, price, tax rate, quantity, supplier, manufacturing code)

Customer (**Customer-ID**, Name, address, phone, payment info)

Relationship (**purchase-ID**, Customer-ID, buy date time, quantity, price, tax, total cost)



SQL CODE:

```
CREATE TABLE `Customers` (  
    `Name`      TEXT DEFAULT 'Guest',  
    `CustomerID` INTEGER,  
    `Phone`     TEXT DEFAULT '555-555-5555',  
    `Address`   TEXT DEFAULT 'Earth',  
    `Payment info` TEXT  
);
```

```
CREATE TABLE `Products` (  
    `ProductID`  INTEGER NOT NULL,  
    `Name`       text,  
    `Price`      real,  
    `Quantity`   real,  
    `TaxRate`    REAL,  
    `total cost` REAL,  
    PRIMARY KEY(`ProductID`)  
);
```

```
CREATE TABLE `Purchases` (  
    `purchase ID` TEXT,  
    `customer ID` TEXT,  
    `buy date time` TEXT,  
    `quantity`    INTEGER,  
    `price`       INTEGER,  
    `tax`         INTEGER,  
    `total cost`  INTEGER  
);
```

insert into Customers
values

```
("Charlie", 105, "555-559-4694", "124 Disk drive", "personal Check"),  
("James", 179, "555-232-5689", "123 hard drive", "debit #554811"),  
("Sally", 23, "555-223-4555", "123 sunset ave", "cash"),  
("Brad", 9, "555-987-1235", "123 Solid drive", "credit #56498721"),  
("Charlie", 45, "555-867-5309", "169 hollywood drive", "debit #66498445");
```