
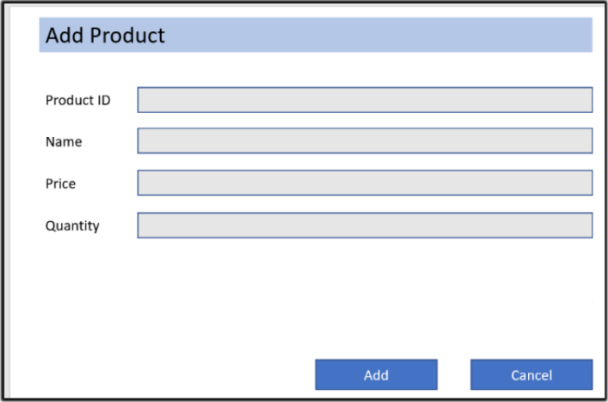
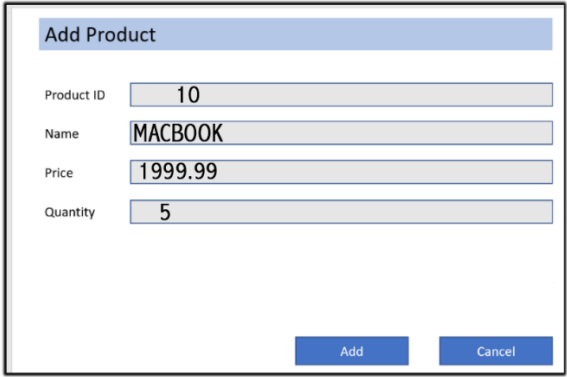
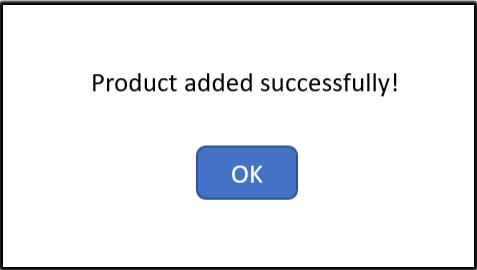

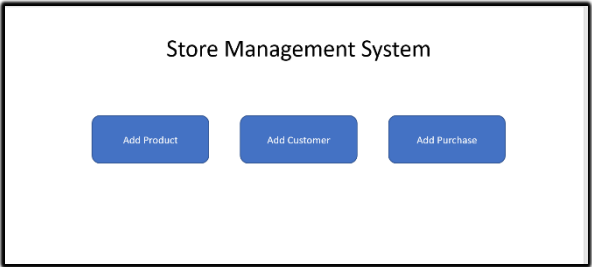
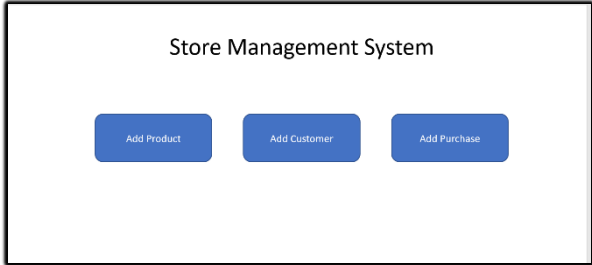
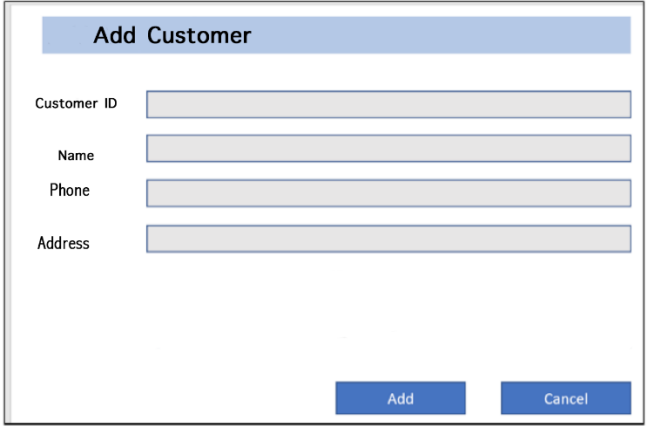
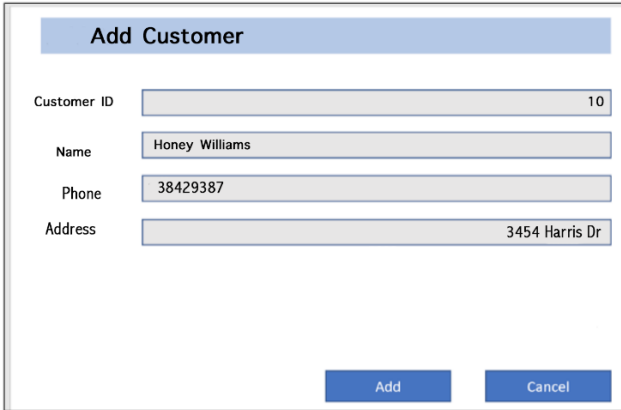
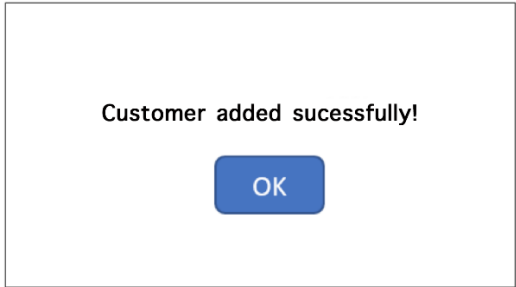

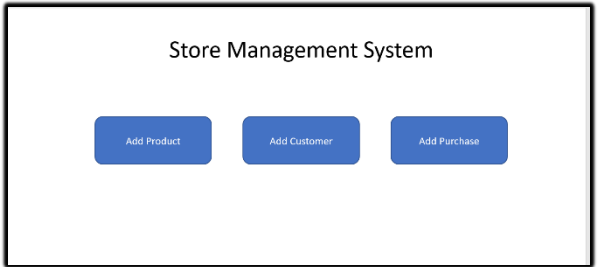


- As a user, I want to add a new product into the system.

Actor	System
<p>1. Choose command “Add Product”</p> <p>Main screen:</p> 	<p>2. Display “Add Product” screen</p> <p>“Add Product” screen:</p> 
<p>3. Input data then click “Add” button</p> <p>“Add Product” screen with data:</p> 	<p>4. Hide “Add Product” screen and display “Add Product Successfully” screen:</p> <p>“Add Product Successfully” screen:</p> 
<p>5. Click on “OK” button:</p> 	<p>6. Display “Main” screen</p> 

- As a user, I want to add a new customer into the system.

Actor	System
Actor	System
<p>1. Choose command “Add Customer”</p> <p>Main screen:</p> 	<p>2. Display “Add Customer” screen</p> <p>“Add Customer” screen:</p> 
<p>3. Input data then click “Add” button</p> <p>“Add Customer” screen with data:</p> 	<p>4. Hide “Add Customer” screen and display “Add Customer Successfully” screen:</p> <p>“Add Customer Successfully” screen:</p> 
<p>5. Click on “OK” button:</p> 	<p>6. Display “Main” screen</p> 

1. Choose command “Add Purchase”

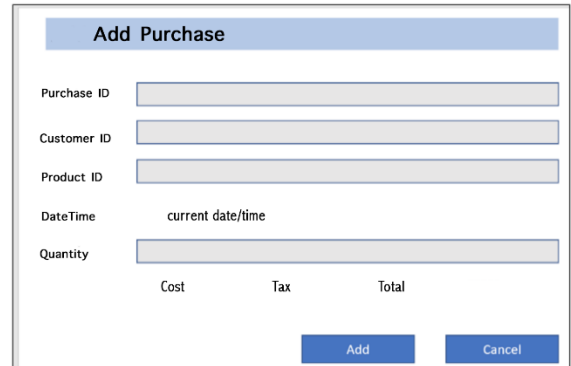
Main screen:



The main screen of the Store Management System is a white rectangular box with a black border. At the top center, the text "Store Management System" is displayed. Below the text, there are three blue rectangular buttons arranged horizontally. The buttons are labeled "Add Product", "Add Customer", and "Add Purchase" from left to right.

2. Display “Add Purchase” screen

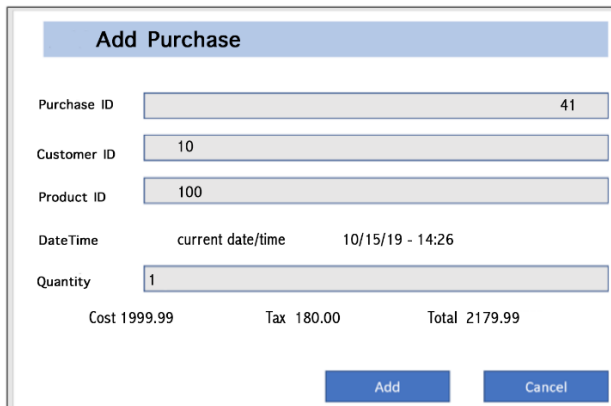
“Add Purchase” screen:



The "Add Purchase" screen is a white rectangular box with a black border. At the top, there is a blue header bar with the text "Add Purchase". Below the header, there are several input fields and labels. On the left, the labels "Purchase ID", "Customer ID", "Product ID", "DateTime", and "Quantity" are listed vertically. To the right of these labels are corresponding input fields. The "Purchase ID" field contains the number "41". The "Customer ID" field contains the number "10". The "Product ID" field contains the number "100". The "DateTime" field contains the text "current date/time". The "Quantity" field contains the number "1". Below these input fields, there are three labels: "Cost", "Tax", and "Total". The "Cost" label is positioned below the "Purchase ID" field, the "Tax" label is below the "Customer ID" field, and the "Total" label is below the "Product ID" field. At the bottom right of the screen, there are two blue buttons labeled "Add" and "Cancel".

3. Input data then click “Add” button

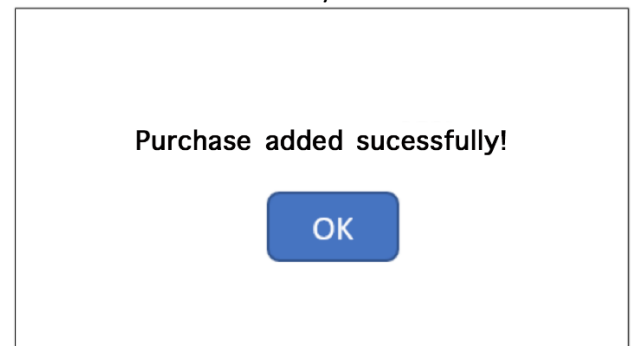
“Add Purchase” screen with data:



The "Add Purchase" screen is shown with data entered into the input fields. The "Purchase ID" field contains "41", the "Customer ID" field contains "10", the "Product ID" field contains "100", the "DateTime" field contains "current date/time 10/15/19 - 14:26", and the "Quantity" field contains "1". Below these input fields, the "Cost" label is positioned below the "Purchase ID" field, the "Tax" label is below the "Customer ID" field, and the "Total" label is below the "Product ID" field. The "Cost" label is followed by the value "1999.99", the "Tax" label is followed by the value "180.00", and the "Total" label is followed by the value "2179.99". At the bottom right of the screen, there are two blue buttons labeled "Add" and "Cancel".

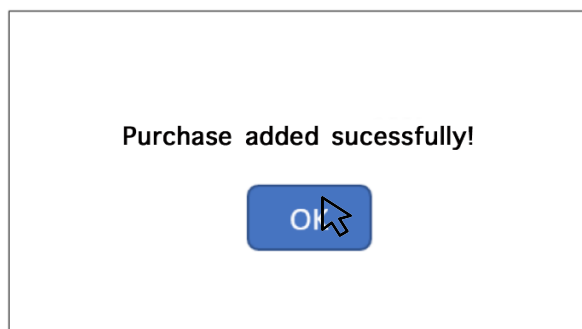
4. Hide “Add Purchase” screen and display “Add Purchase Successfully” screen:

“Add Purchase Successfully” screen:



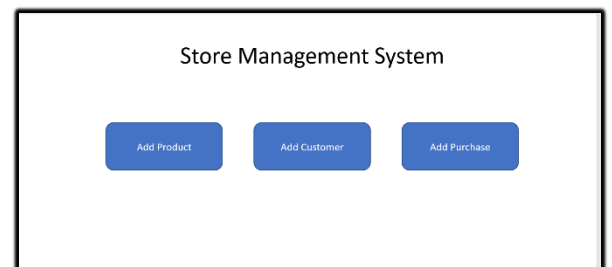
The "Add Purchase Successfully" screen is a white rectangular box with a black border. At the top center, the text "Purchase added sucessfully!" is displayed. Below the text, there is a blue rectangular button labeled "OK".

5. Click on “OK” button:

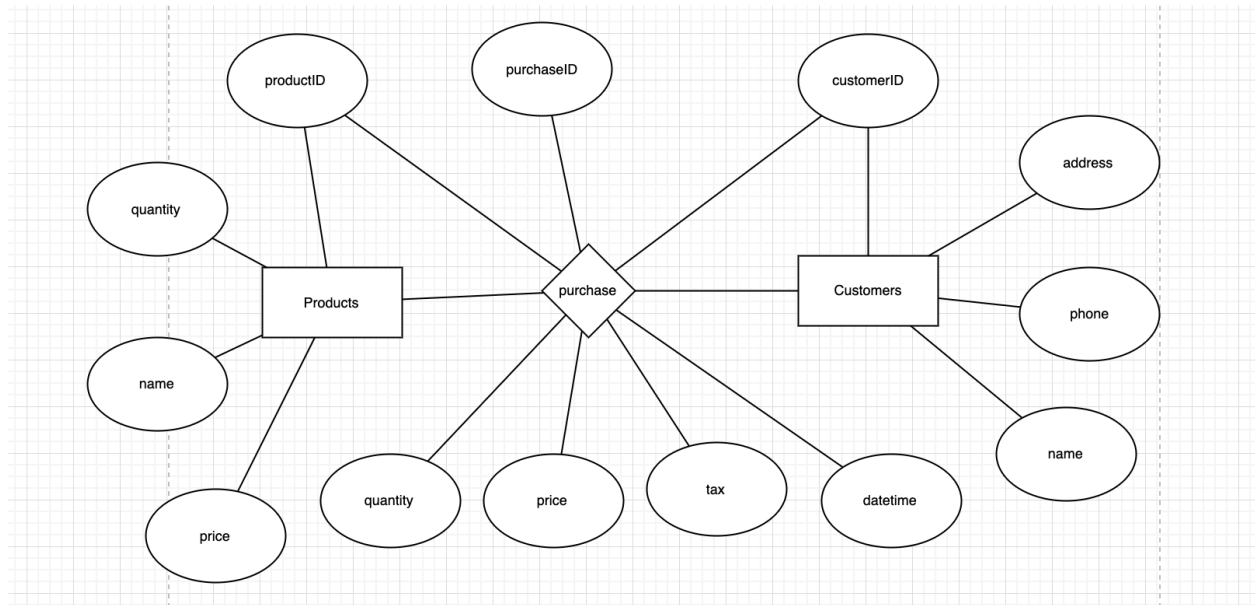


The "Add Purchase Successfully" screen is shown with a mouse cursor clicking on the "OK" button. The text "Purchase added sucessfully!" is at the top, and the blue "OK" button is below it. A black mouse cursor is pointing at the "OK" button.

6. Display “Main” screen



The main screen of the Store Management System is a white rectangular box with a black border. At the top center, the text "Store Management System" is displayed. Below the text, there are three blue rectangular buttons arranged horizontally. The buttons are labeled "Add Product", "Add Customer", and "Add Purchase" from left to right.



Products: all you want to sell

- name, productid, price, quantity, supplier, description
- Primary key being productid

Customers: people who purchase products

- name, address, customerid, phone, payment info
- Primary key being customerid

Purchase: all that you have sold

- purchaseid, customerid, productid, date time, quantity, price
- Primary key being purchaseid
- Foreign keys being productid, customerid

Products(**productid**, name, price, quantity)

Customers(**customerid**, name, phone, address)

Purchases(**purchaseid**, customerid, productid, quantity, price, tax, date time)

```
CREATE TABLE Products (  
productID int not null primary key,  
name varchar(100),  
price float,  
Quantity int,  
);
```

```
CREATE TABLE Customers (  
customerID int not null primary key,  
name varchar(100),  
Phone int,  
address varchar(250),  
);
```

```
CREATE TABLE Purchases (  
purchaseID int not null primary key,  
productID int,  
customerID int,  
quantity int,  
price int,  
tax int,  
datetime string,  
);
```

```
INSERT INTO Products (productID, name, price, quantity)  
VALUES  
(1, "Cereal", 10, 10),  
(2, "Jelly Beans", 2, 10),
```

```
(20, "MACBOOK", 1999.99, 10),  
(101, "Apple", 0.5, 10),  
(102, "Eggs", 0.7, 20),  
(103, "Bread", 2, 15),  
(104, "Grapes", 4, 11),  
(105, "Cucumbers", 1.5, 18);
```

```
INSERT INTO Customers (customerID, name, phone, address)  
VALUES
```

```
(2, "France", "12345567", "123 Lane"),  
(10, "Honey Williams", "1234342", "123 Lane"),  
(101, "Honey Williams", "1234342", "453 Drive"),  
(102, "Jeffrey Cad", "349394", "453 Lane"),  
(103, "Thomas Lang", "5849928", "453 Circle"),  
(104, "Jessica Simpson", "6738493", "234 Drive"),  
(105, "Elton Jon", "12543245", "696 Road");
```

```
INSERT INTO Purchases (purchaseliD, productliD, customerliD, quantity, price, tax, datetime)
```

```
VALUES
```

```
(101,2,2,2,2,4,0.36,4.36,"Tue Oct 15 13:31:36 CDT 2019"),  
(102,10,20,1999.99,1,1999.99,179.9991,2179.9891,"Tue Oct 15 14:27:14 CDT 2019"),  
(111,101,101,0.5,2,1,0.09,1.09, "Tue Oct 15 14:49:53 CDT 2019"),  
(112,101,102,0.7,3,2,1,0.189,2.289, "Tue Oct 15 14:49:53 CDT 2019"),  
(113,102,101,0.5,2,1,0.09,1.09, "Tue Oct 15 14:49:53 CDT 2019"),  
(114,103,103,2,1,2,0.18,2.18, "Tue Oct 15 14:49:53 CDT 2019"),  
(115,103,102,0.7,2,1,4,0.126,1.526, "Tue Oct 15 14:49:53 CDT 2019"),  
(116,104,104,4,1,4,0.36,4.36, "Tue Oct 15 14:49:53 CDT 2019"),  
(117,105,101,0.5,1,0.5,0.045,0.545, "Tue Oct 15 14:49:53 CDT 2019"),  
(118,105,102,0.7,2,1,4,0.126,1.526, "Tue Oct 15 14:49:53 CDT 2019"),  
(119,105,104,4,3,12,1.08,13.08, "Tue Oct 15 14:49:53 CDT 2019"),  
(120,105,103,2,4,8,0.72,8.72, "Tue Oct 15 14:49:53 CDT 2019");
```