
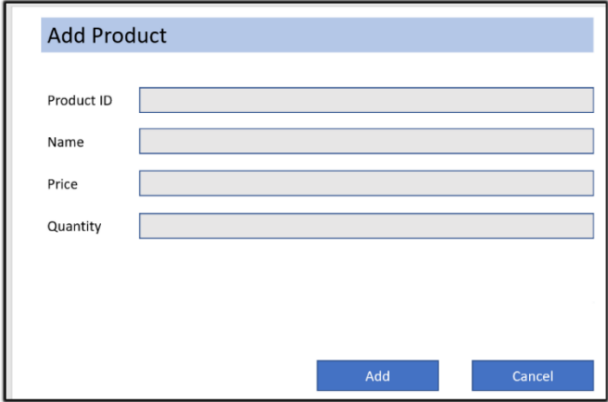
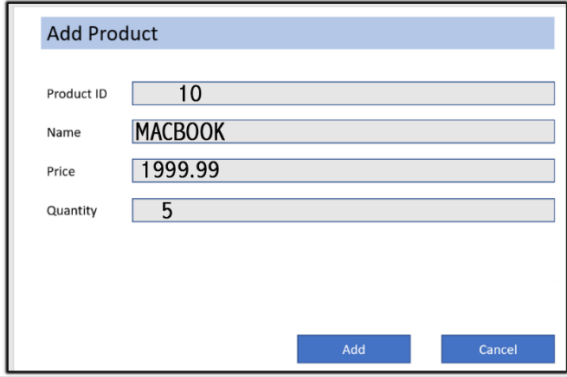
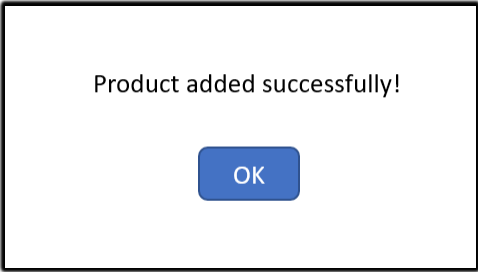

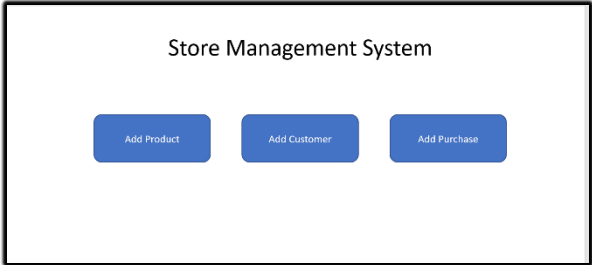

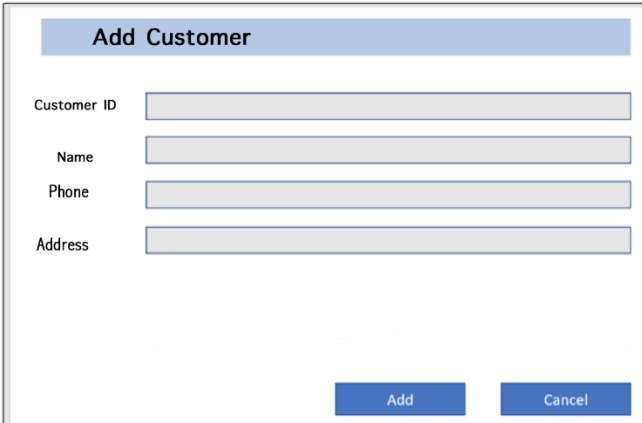
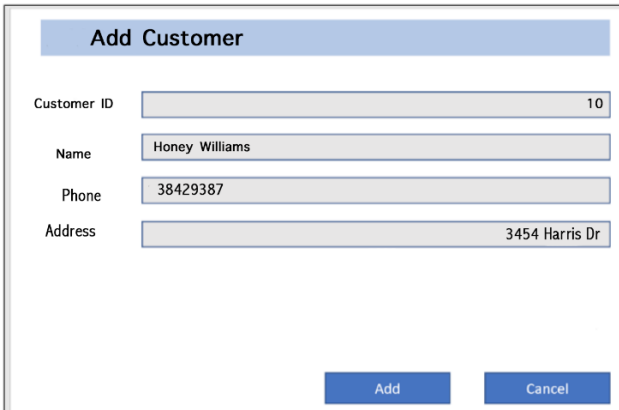
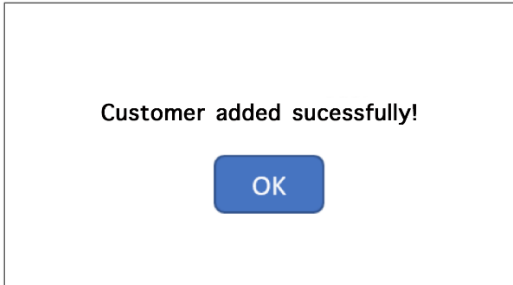
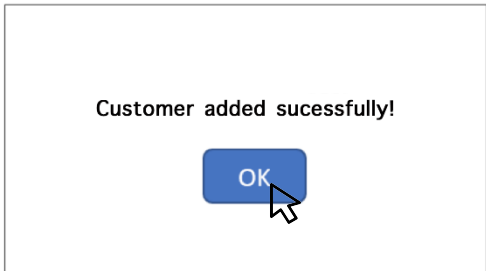
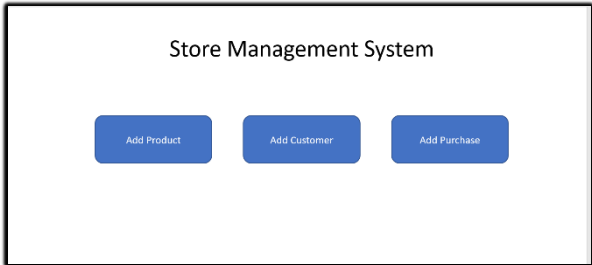


- As a user, I want to add a new product into the system.

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”

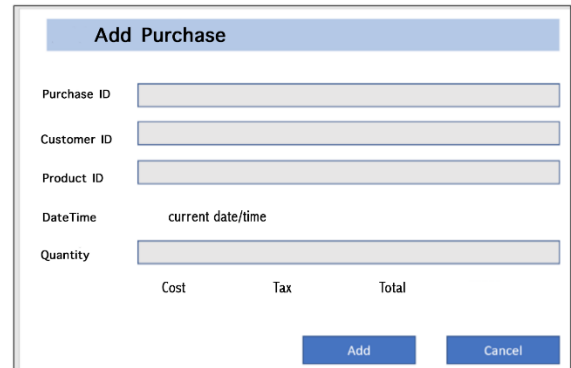
Main screen:



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. Each button contains the text "Add Product", "Add Customer", and "Add Purchase" respectively.

2. Display “Add Purchase” screen

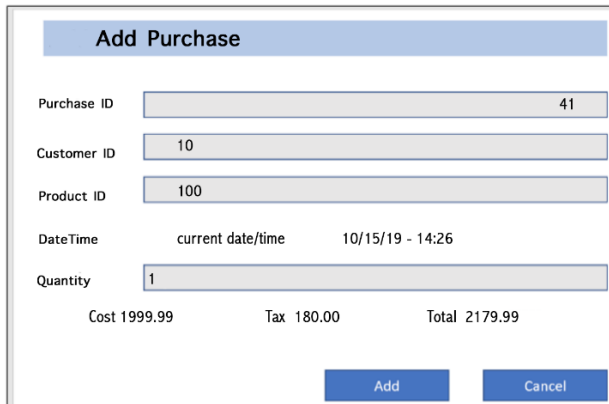
“Add Purchase” screen:



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 each label is a corresponding input field. The "Purchase ID" field contains the value "41". The "Customer ID" field contains the value "10". The "Product ID" field contains the value "100". The "DateTime" field contains the value "current date/time". The "Quantity" field contains the value "1". Below the 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: "Add" and "Cancel".

3. Input data then click “Add” button

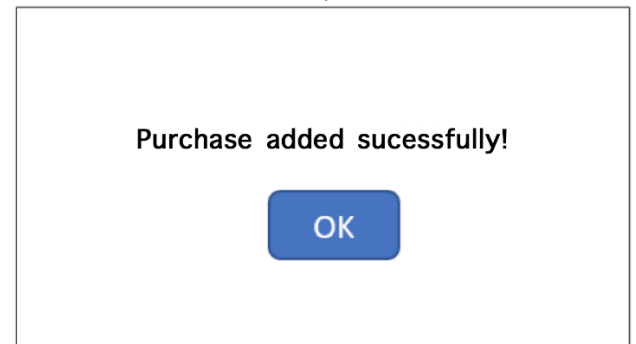
“Add Purchase” screen with data:



The "Add Purchase" screen is shown with data entered into the input fields. The "Purchase ID" field contains the value "41". The "Customer ID" field contains the value "10". The "Product ID" field contains the value "100". The "DateTime" field contains the value "current date/time 10/15/19 - 14:26". The "Quantity" field contains the value "1". Below the 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: "Add" and "Cancel".

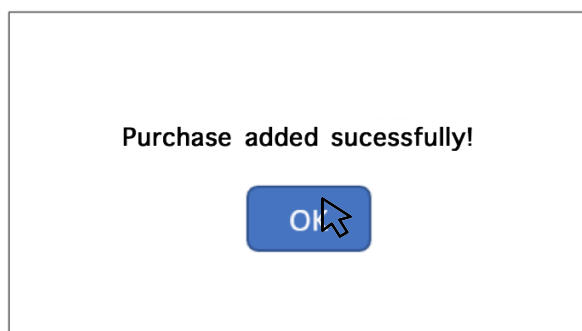
4. Hide “Add Purchase” screen and display “Add Purchase Successfully” screen:

“Add Purchase Successfully” screen:



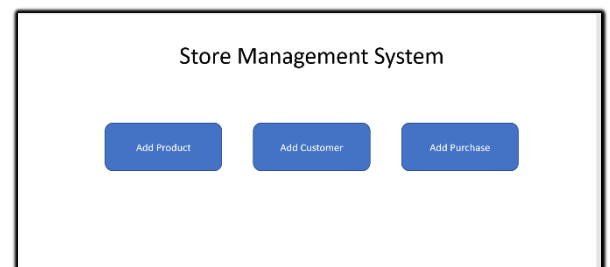
The "Add Purchase Successfully" screen is a white rectangular box with a black border. At the top center, the text "Purchase added sucessfully!" is displayed. Below the text, there is a blue rectangular button with the text "OK".

5. Click on “OK” button:

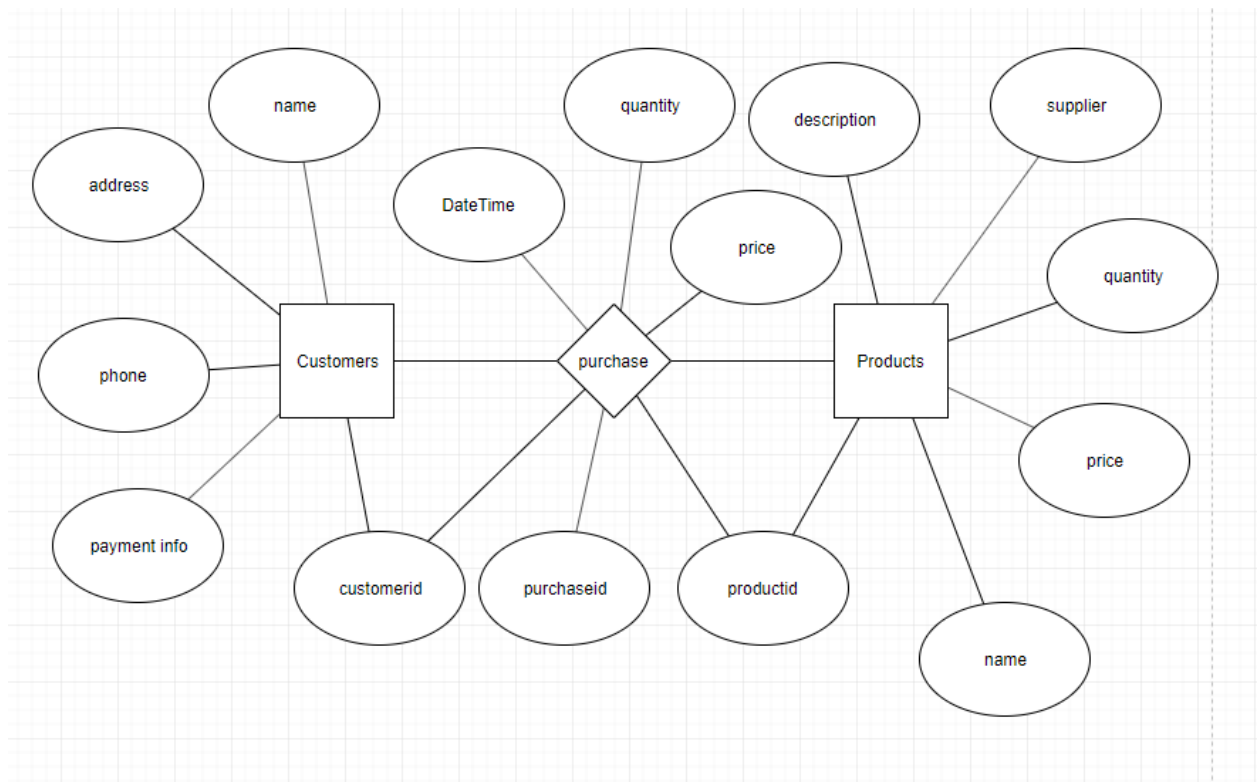


The "Add Purchase Successfully" screen is shown with a mouse cursor clicking on the "OK" button. The text "Purchase added sucessfully!" is displayed at the top center. Below the text, there is a blue rectangular button with the text "OK". A black mouse cursor is positioned over the "OK" button.

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. Each button contains the text "Add Product", "Add Customer", and "Add Purchase" respectively.



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 (purchaselD, productID, customerID, 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);