User Story 1:

As a user, I want to add a new **Product** into the system.

Use Case 1:

User will enter data and data will be stored in database.



Use Case 2:

User will enter Invalid Product ID.

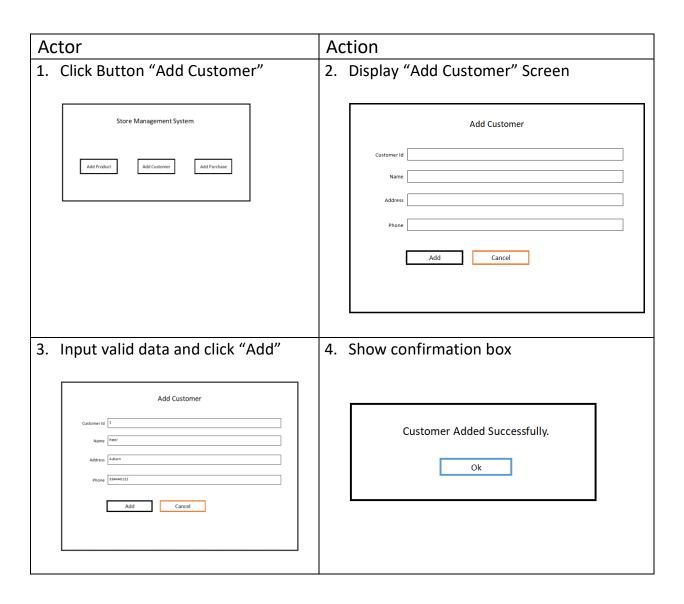
Actor		Ac	tion
1.	Click Button "Add Product"	2.	Display "Add Product" Screen.
	Store Management System		Add Product
	Add Product Add Customer Add Purchase		Product id Name Price
			Quantity
			Vendor
			Add Cancel
3.	Input Product Id and click "Add"	4.	Show error box
	Add Product		
	Product Id ABCxxxxx112218		
	Name Pencil		Product Id is Invalid (Not a Number).
	price 1999		
	Quantity 100		Ok
	Vendor Apple		
	Add Cancel		

User Story 2:

As a user, I want to add a new *Customer* into the system.

Use Case 1:

User will enter data and data will be stored in database.



Use Case 2:

User will enter Invalid Customer Phone.

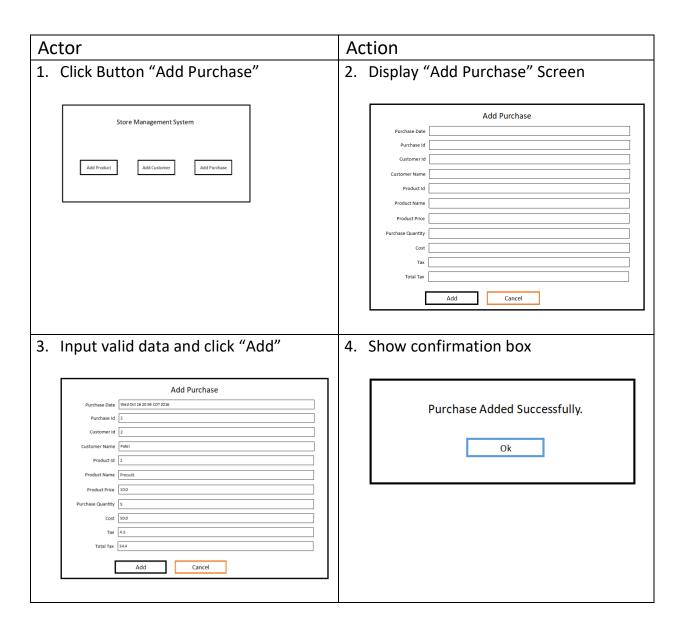
Actor	Action	
1. Click Button "Add Customer"	2. Display "Add Customer" Screen	
Store Management System Add Product Add Purchase	Add Customer Customer Id Name Address Phone Add Cancel	
3. Input Product Id and click "Add"	4. Show error box	
Add Customer Customer id Name Patel Address Auburn Phone ABC011111 Add Cancel	Customer Phone is Invalid. (Format: 3344448468)	

User Story 2:

As a user, I want to add a new **Purchase** into the system.

Use Case 1:

User will enter data and data will be stored in database.



Use Case 2:

User will enter Purchase Id that already exists.

Actor		Ac	ction
1. (Click Button "Add Purchase"	2.	Display "Add Purchase" Screen
	Store Management System		Add Purchase
	Add Product Add Customer Add Purchase		Purchase Id Customer Id
	And A Market Thomas		Customer Name Product Id
			Product Name Product Price
			Purchase Quantity Cost
			Tax Total Tax
			Add Cancel
3. Input Product Id and click "Add"		4.	Show error box
	Add Purchase		
	Purchase Date Wed Ox 15 20 59 CDT 2015 Purchase Id 2 Customer Id 2		
	Customer Name Patel Product Id 2		Purchase ID already exists.
	Product Name Proud1 100 100		Ok
	Purchase Quantity S Cost 500		
	Tax 4.5 Total Tax 54.4		
	Add Cancel		

Physical Database Design:

```
CREATE TABLE "Customers" (
      "CustomerId" INTEGER NOT NULL,
      "Name"
                   TEXT DEFAULT 'Guest',
      "Phone"
                   INTEGER DEFAULT '(334)111-1111',
      "Address"
                   TEXT DEFAULT 'Auburn, AL',
      PRIMARY KEY("CustomerId")
);
CREATE TABLE "Orders" (
      "OrderId"
                   INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT UNIQUE,
      "CustomerId" INTEGER NOT NULL,
      "ProductId"
                   INTEGER NOT NULL,
      "Quantity"
                   REAL DEFAULT 1,
      "Price" REAL,
      "TotalTax"
                   REAL,
      "TotalCost"
                   REAL,
      "Date" TEXT,
      FOREIGN KEY("CustomerId") REFERENCES "Customers"
);
CREATE TABLE "Products" (
      "ProductId"
                   INTEGER NOT NULL,
      "Name"
                   TEXT,
      "Price" REAL,
      "Quantity"
                   INTEGER,
      "Vendor"
                   TEXT,
      PRIMARY KEY("ProductId")
);
```