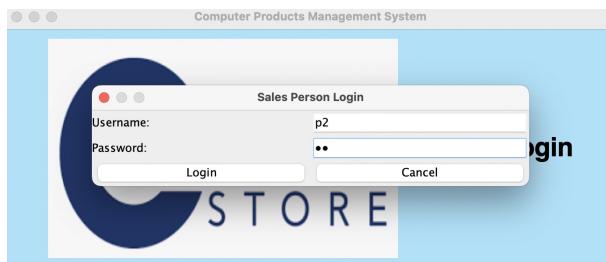


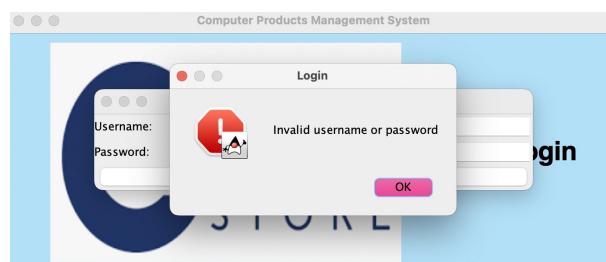
Assignment 3

Story Board

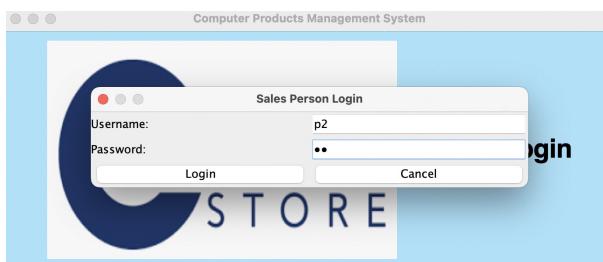
Lydia Price
ID:20004521



Click "Login" Icon button



Log in as sales person
with incorrect information
displays Invalid username
or password message



Log in as sales person
with correct information



Browse Products | Check/Update Product Details

Computer Category

Computer Type

All

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	CGPC	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i9	8449.0
Desktop PC	Gaming	DTPCG3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	PB	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1006.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0
Laptop	Business	LTB1	HP	Intel Core i5	1647.0
Laptop	Business	LTB2	APPLE	Apple	949.0
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1787.0
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTSL1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTSL2	APPLE	Apple	2499.0
Laptop	Gaming	LTC1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTC2	HP	AMD Ryzen 5	1207.0
Tablet	Android	TBAD1	LENOVO	Snapdragon	214.0
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0

Displays list of all computers. The Browse Products tab is the only tab enabled on login. The Check/Update Product Details tab is currently disabled



Click to logout

Browse Products | Check/Update Product Details

Computer Category

Computer Type

✓ All

Desktop PC
Laptop
Tablet

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	DELL	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCG2	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	PB	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1006.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0
Laptop	Business	LTB1	HP	Intel Core i5	1647.0
Laptop	Business	LTB2	APPLE	Apple	4299.0
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1787.0
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTSL1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTSL2	APPLE	Apple	2499.0
Laptop	Gaming	LTC1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTC2	HP	AMD Ryzen 5	1207.0
Tablet	Android	TBAD1	LENOVO	Snapdragon	214.0
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0

Sales person is able to select and filter computers from any category



Click to logout



Browse Products Check/Update Product Details

Computer Category

Computer Type

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	GCP/C	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i9	8449.0
Desktop PC	Gaming	DTPCG3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	PB	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1242.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0

THE COMPUTER STORE Click to logout

This displays only the computers matching selected category

Browse Products Check/Update Product Details

Computer Category

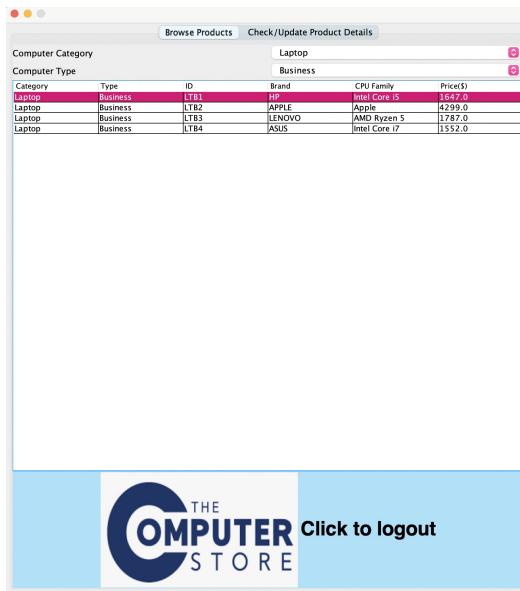
Computer Type

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	GCP/C	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i9	8449.0
Desktop PC	Gaming	DTPCG3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	PB	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1242.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0

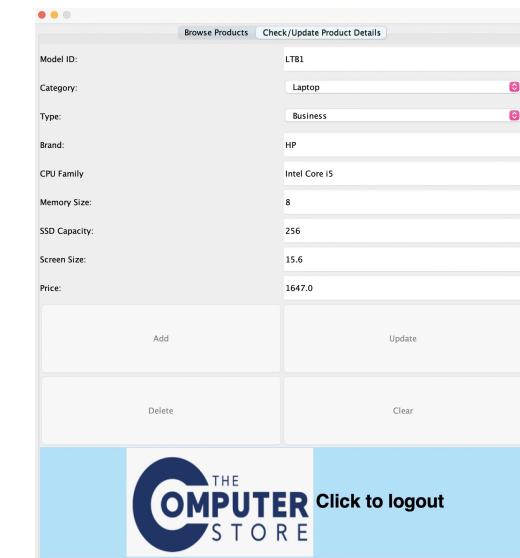
THE COMPUTER STORE Click to logout

Sales person can also select and display items from the categories and its sub type





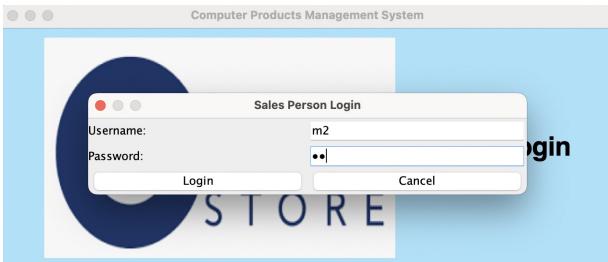
Sales person can then select an item by double clicking it



This enables and opens the Check/Update Product details and displays all relevant information relating to the product. The Add, Update, Delete and Clear buttons are all disabled since the sales person is not a manager



Click "Log out" logo button and the screen returns to the pre login screen



This time we log in as a manager. Both the browse Products tab and the Check/Update tab are both enabled

Sales Person Login

Username: m2
Password:

Login **Cancel**

Computer Category

Computer Type

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	GGPC	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i9	8449.0
Desktop PC	Gaming	DTPCG3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1453.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	PB	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1006.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1453.0
Laptop	Business	LTB1	HP	Intel Core i5	1647.0
Laptop	Business	LTB2	APPLE	Apple	4299.0
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1787.0
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTS1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTS2	APPLE	Apple	2499.0
Laptop	Gaming	LTC1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTC2	HP	AMD Ryzen 5	1787.0
Tablet	Android	TBAD1	LENOVO	Snapdragon	5714.0
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0

Click to logout

Again, the list of computers is displayed and a manager can use all filtering functions a sales person can

Browse Products Check/Update Product Details

Computer Category

Computer Type

Category	Type	ID	Desktop PC			
			Laptop	Tablet	Processor	Price
Desktop PC	Gaming	DTPCG1	DELL	Intel Core i9	14379.0	
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i9	8449.0	
Desktop PC	Gaming	DTPCG3	ASUS	AMD Ryzen 7	2799.0	
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0	
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0	
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1006.0	
Desktop PC	Business	DTPCB1	HP	Intel Core i7	11498.0	
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0	
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0	
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1006.0	
Desktop PC	Compact	DTPCC1	APPLE	Apple	1153.0	
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0	
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0	
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0	
Laptop	Business	LTB1	HP	Intel Core i5	1647.0	
Laptop	Business	LTB2	APPLE	Apple	2499.0	
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1189.0	
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0	
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0	
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0	
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0	
Laptop	Thin & Light	LTS1	APPLE	Apple	1728.0	
Laptop	Thin & Light	LTS2	APPLE	Apple	2499.0	
Laptop	Gaming	LTC1	ASUS	Intel Core i5	1840.0	
Laptop	Gaming	LTC2	HP	AMD Ryzen 5	1307.0	
Tablet	Android	TBAD1	LENOVO	Snapdragon	214.0	
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0	
Tablet	Apple	TBAP1	APPLE	Apple	810.0	
Tablet	Apple	TBAP2	APPLE	Apple	878.0	
Tablet	Apple	TBAP3	APPLE	Apple	2499.0	
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0	
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0	

THE COMPUTER STORE Click to logout

This shows the filtering functions in use as a manager



Browse Products Check/Update Product Details

Computer Category

Computer Type

Category	Type	ID	Tablet			
			Android	Apple	Windows	Processor
Tablet	Android	TBAD1	Android	Apple	Windows	810.0
Tablet	Android	TBAD2	Android	Apple	Windows	878.0
Tablet	Apple	TBAP1	APPLE	Apple	Apple	2499.0
Tablet	Apple	TBAP2	APPLE	Apple	Apple	2499.0
Tablet	Apple	TBAP3	APPLE	Apple	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	Intel Core i5	1798.0

THE COMPUTER STORE Click to logout



Browse Products Check/Update Product Details

Computer Category

Category	Type	ID	Brand	CPU Family	Price(\$)
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0

Computer Type

Apple

 THE COMPUTER STORE

[Click to logout](#)

Browse Products Check/Update Product Details

Model ID:

Category:

Type:

Brand:

CPU Family:

Price:

Add

Delete

Update

Clear

 THE COMPUTER STORE

[Click to logout](#)

Clicking on the Check/Updated Product Details tab before selecting a product brings up blank product information

The below shows that when the relevant category type is selected, fields are added or removed dependent on the category. The type also updates based on category selected

Model ID:

Category: Desktop PC

Type: Gaming

Brand:

CPU Family

Memory Size:

SSD Capacity:

Price: 0.0

Add	Update
Delete	Clear

Model ID:

Category: Desktop PC

Type: ✓ Gaming

Brand:

CPU Family

Memory Size:

SSD Capacity:

Price: 0.0

Delete	Clear
--------	-------

Model ID:

Category: Laptop

Type: Business

Brand:

CPU Family

Memory Size:

SSD Capacity:

Screen Size:

Price: 0.0

Add	Update
Delete	Clear

Model ID:

Category: Laptop

Type: ✓ Business

Brand:

CPU Family

Memory Size:

SSD Capacity:

Screen Size:

Price: 0.0

Add	Update
Delete	Clear

Browse Products | Check / Update Product Details

Model ID:	<input type="text"/>
Category:	Tablet <input type="button" value="..."/>
Type:	Android <input type="button" value="..."/>
Brand:	<input type="text"/>
CPU Family	<input type="text"/>
Screen Size:	<input type="text"/>
Price:	0.0 <input type="text"/>

Add Update

Delete Clear

 Click to logout

Browse Products | Check / Update Product Details

Model ID:	<input type="text"/>
Category:	Tablet <input type="button" value="..."/>
Type:	<input checked="" type="checkbox"/> Android <input type="checkbox"/> Apple <input type="checkbox"/> Windows
Brand:	<input type="text"/>
CPU Family	<input type="text"/>
Screen Size:	<input type="text"/>
Price:	0.0 <input type="text"/>

Add Update

Delete Clear

 Click to logout

Browse Products | Check / Update Product Details

Computer Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPC1	(G)PC	Intel Core i5	2199.0
Desktop PC	Gaming	DTPC2	DELL	Intel Core i5	649.0
Desktop PC	Gaming	DTPC3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPC81	HP	Intel Core i7	1498.0
Desktop PC	Business	DTPC82	HP	Intel Core i5	1552.0
Desktop PC	Business	DTPC83	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPC84	HP	Intel Core i3	1006.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0
Laptop	Business	LTB1	HP	Intel Core i5	1642.0
Laptop	Business	LTB2	APPLE	Apple	4299.0
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1787.0
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTSL1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTSL2	APPLE	Apple	2499.0
Laptop	Gaming	LTG1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTG2	LENOVO	AMD Ryzen 5	1777.0
Tablet	Android	TBAD1	LENOVO	Snapdragon	214.0
Tablet	Android	TBAD2	LENOVO	MediaTek	578.0
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0

 Click to logout

A manager can also select an item by double clicking it



Browse Products Check/Update Product Details

Model ID:	LTB1
Category:	Laptop
Type:	Business
Brand:	HP
CPU Family	Intel Core i5
Memory Size:	8
SSD Capacity:	256
Screen Size:	15.6
Price:	1647.0

Add Update

Delete Clear

THE COMPUTER STORE Click to logout

Selecting an item brings up the product information on the Check/Update Product Details panel. The add, delete, update and clear buttons are now enabled

Browse Products Check/Update Product Details

Model ID:	
Category:	Laptop
Type:	Business
Brand:	
CPU Family	
Memory Size:	
SSD Capacity:	
Screen Size:	
Price:	

Add Update

Delete Clear

THE COMPUTER STORE Click to logout

When the clear button is pressed, the information is cleared from the screen



Browse Products Check/Update Product Details

Model ID:

Category: Laptop

Type: Business

Brand:

CPU Family

Memory Size:

SSD Capacity:

Screen Size:

Price:

Add Update

Delete Clear

THE COMPUTER STORE

Click to logout



When the Update or Add buttons are pressed at this time, a message displays that one or more fields are empty.

When the Update or Add buttons are pressed at this time, a message displays that one or more fields are empty.

Browse Products Check/Update Product Details

Model ID:

Category: Laptop

Type: Home & Study

Brand:

CPU Family

Memory Size:

SSD Capacity:

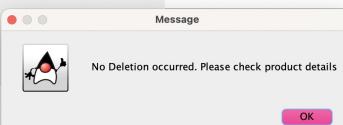
Screen Size:

Price:

Delete Clear

THE COMPUTER STORE

Click to logout



When the delete button is pressed at this point, there is no given ID hence the item cannot be deleted. A message displays informs the user of this .

When the delete button is pressed at this point, there is no given ID hence the item cannot be deleted. A message displays informs the user of this .

Browse Products Check/Update Product Details

Model ID: LTB1

Category: Laptop

Type: Business

Brand: HP

CPU Family: Intel Core i5

Memory Size: 8

SSD Capacity: 256

Screen: Message
A computer matching this ID is already in the system. Please enter a unique ID.
OK

Delete Clear

 THE COMPUTER STORE Click to logout

Trying to add a new computer with the same ID as an existing computer will not work. A message informs the user that a unique ID needs to be entered

Browse Products Check/Update Product Details

Model ID: LTB1

Category: Laptop

Type: Business

Brand: HP

CPU Family: Intel Core i5

Memory Size: 8

SSD Capacity: 512

Screen Size: 15.6

Price: 1647.0

Add Update

Delete Clear

 THE COMPUTER STORE Click to logout

Changing the SSD Capacity

Browse Products Check/Update Product Details

Model ID: LT81

Category: Laptop

Type: Business

Brand: HP

CPU Family: Intel Core i5

Memory Size: 8

SSD Capacity: 512

Screen Size:

Price:

The record for the computer has been updated

OK

Delete Clear

THE COMPUTER STORE

Click to logout

And pressing the update button, successfully updates the computer information

Browse Products Check/Update Product Details

Model ID:

Category: Laptop

Type: Business

Brand:

CPU Family:

Memory Size:

SSD Capacity:

Screen Size:

Price:

The record for this computer has been deleted successfully

OK

Delete Clear

THE COMPUTER STORE

Click to logout

We can then press the delete button to delete the computer

Browse Products Check/Update Product Details

Computer Category Computer Type

All

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	GGPC	Intel Core i9	2199.0
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i5	8449.0
Desktop PC	Carous	DTPCG3	ACER	AMD Ryzen 7	2199.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1363.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	PB	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	LENOVO	Intel Core i3	1099.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1555.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0
Laptop	Business	LTB2	APPLE	Apple	4299.0
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1787.0
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	949.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTSL1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTSL2	APPLE	Apple	2499.0
Laptop	Gaming	LTC1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTC2	HP	AMD Ryzen 5	1307.0
Tablet	Android	TBAD1	LENOVO	Snapdragon	214.0
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0
Tablet	Apple	TBAF1	APPLE	Apple	819.0
Tablet	Apple	TBAF2	APPLE	Apple	878.0
Tablet	Apple	TBAF3	APPLE	Apple	2499.0
Tablet	Windows	TBWID1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWID2	MICROSOFT	Intel Core i5	1798.0

And the table updates to reflect the deletion



Click to logout

Browse Products Check/Update Product Details

Model ID:	1
Category:	Laptop
Type:	Business
Brand:	APPLE
CPU Family:	Apple
Memory Size:	16
SSD Capacity:	512
Screen Size:	Message
Price:	 There is no match for a computer with that ID <input type="button" value="OK"/>

Delete Clear

The Computer Store Click to logout

If the ID written in by the manager does not match and ID in the system, then it is unable to delete this item and informs the user of this

Browse Products | Check/Update Product Details

Model ID:	LTB2
Category:	Desktop PC
Type:	Home & Study
Brand:	APPLE
CPU Family	Apple
Memory Size:	16
SSD Capacity:	512
Price:	 Message The record for the computer has been updated OK date
Delete Clear	

THE COMPUTER STORE Click to logout

It is possible to change the category and type of a computer, via the update button

Browse Products | Check/Update Product Details

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCG1	DELL	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCG2	DELL	Intel Core i9	8449.0
Desktop PC	Gaming	DTPCG3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	HP	Intel Core i5	1440.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1555.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1006.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Home & Study	LTHS1	APPLE	Apple	2499.0
Laptop	Business	LTB3	LENOVO	AMD Ryzen 5	1787.0
Laptop	Business	LTB4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTS1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTS2	APPLE	Apple	2499.0
Laptop	Gaming	LTG1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTG2	HP	AMD Ryzen 5	1310.0
Tablet	Android	TBAD1	LENOVO	Snapdragon	214.0
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0

THE COMPUTER STORE Click to logout

The updated information is reflected in the table



Browse Products Check/Update Product Details

Model ID:	LTB2_Updated_Model
Category:	Desktop PC
Type:	Home & Study
Brand:	APPLE
CPU Family	Apple
Memory Size:	64
SSD Capacity:	512
Price:	4799.0

Add Update

Delete Clear

 Click to logout

It is also possible to add a new computer to the system

A message is displayed when this happens successfully

Browse Products Check/Update Product Details

Model ID:	LTB2_Updated_Model
Category:	Desktop PC
Type:	Home & Study
Brand:	APPLE
CPU Family	Apple
Memory Size:	64
SSD Capacity:	512
Price:	

Message

New Computer added successfully

OK

Update

Delete Clear

 Click to logout

Browse Products Check / Update Product Details

Computer Category All

Computer Type

Category	Type	ID	Brand	CPU Family	Price(\$)
Desktop PC	Gaming	DTPCC1	GCPC	Intel Core i5	2199.0
Desktop PC	Gaming	DTPCC2	DELL	Intel Core i9	8449.0
Desktop PC	Gaming	DTPCC3	ASUS	AMD Ryzen 7	2799.0
Desktop PC	Home & Study	DTPCHS1	PB	AMD Ryzen 7	1263.0
Desktop PC	Home & Study	DTPCHS2	PB	Intel Core i5	1598.0
Desktop PC	Home & Study	DTPCHS3	PB	AMD Ryzen 7	1099.0
Desktop PC	Business	DTPCB1	HP	Intel Core i7	1498.0
Desktop PC	Business	DTPCB2	HP	Intel Core i5	1552.0
Desktop PC	Business	DTPCB3	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Business	DTPCB4	HP	Intel Core i3	1006.0
Desktop PC	Compact	DTPCC1	APPLE	Apple	1158.0
Desktop PC	Compact	DTPCC2	APPLE	Apple	1498.0
Desktop PC	Compact	DTPCC3	HP	Intel Core i5	1555.0
Desktop PC	Compact	DTPCC4	LENOVO	AMD Ryzen 5	1242.0
Desktop PC	Home & Study	LTB2	APPLE	Apple	4299.0
Laptop	Business	LTHS1	LENOVO	AMD Ryzen 5	1728.0
Laptop	Business	LTHS4	ASUS	Intel Core i7	1552.0
Laptop	Home & Study	LTHS1	APPLE	Apple	1728.0
Laptop	Home & Study	LTHS2	LENOVO	Intel Core i5	954.0
Laptop	Home & Study	LTHS3	MICROSOFT	Intel Core i5	1189.0
Laptop	Thin & Light	LTS1	APPLE	Apple	1728.0
Laptop	Thin & Light	LTS2	APPLE	Apple	2499.0
Laptop	Gaming	LTC1	ASUS	Intel Core i5	1840.0
Laptop	Gaming	LTC2	HP	AMD Ryzen 5	1367.0
Tablet	Android	TBAD1	LENOVO	NVIDIA Tegra	1214.0
Tablet	Android	TBAD2	LENOVO	Mediatek	578.0
Tablet	Apple	TBAP1	APPLE	Apple	819.0
Tablet	Apple	TBAP2	APPLE	Apple	878.0
Tablet	Apple	TBAP3	APPLE	Apple	2499.0
Tablet	Windows	TBWD1	MICROSOFT	Intel Pentium	694.0
Tablet	Windows	TBWD2	MICROSOFT	Intel Core i5	1798.0
Desktop PC	Home & Study	LTH2_Updated_Model APPLE	Apple		4799.0

The table is updated to reflect a computer being added



Click to logout

Browse Products Check / Update Product Details

Model ID:	LTHS1
Category:	Laptop
Type:	Home & Study
Brand:	APPLE
CPU Family	Apple
Memory Size:	Twenty Two
SSD Capacity:	256
Screen Size:	13.3
Price:	1728.0
Add	Update
Delete	Clear

THE COMPUTER STORE Click to logout

If the user enters a non integer number for Memory size, SSD capacity or a non float number for the screen size or price, an invalid input message is displayed

Browse Products Check/Update Product Details

Model ID:	LTHS1
Category:	Laptop
Type:	Home & Study
Brand:	APPLE
CPU Family	Apple
Memory Size:	Twenty Two
SSD Capacity:	256
Screen Size:	13.3
Price:	

Add Delete Clear

 THE COMPUTER STORE

Click to logout

A modal dialog box titled "Message" is displayed, showing an icon of a computer monitor with a sad face and the text "Invalid Input. Please check product details". A pink "OK" button is at the bottom right.

Browse Products Check/Update Product Details

Model ID:	LTHS1
Category:	Laptop
Type:	Home & Study
Brand:	APPLE
CPU Family	Apple
Memory Size:	
SSD Capacity:	256
Screen Size:	13.3
Price:	

Add Delete Clear

 THE COMPUTER STORE

Click to logout

A modal dialog box titled "Message" is displayed, showing an icon of a computer monitor with a sad face and the text "One or more fields are empty". A pink "OK" button is at the bottom right.

If a field is empty, a computer cannot be updated or added so a message is displayed to inform the user of this