

INTEGRATIVE PROGRAMMING AND TECHNOLOGIES

ACTIVITY 06: OOP AND EXCEPTION

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ITEM MANAGEMENT APPLICATION

• MAIN MENU

o Invalid Menu Choice

====== ITEM MANAGEMENT SYSTEM =======
[1]. Add Item
[2]. View Items
[3]. Update Item
[4]. Delete Item
[0]. Exit
Enter your choice: 9
Invalid choice. Try Again!

ADD ITEM

Enter your choice: 1
ADD ITEM
Enter Item ID (6 digits): 202312
Enter Item Name: Office Chair
Enter Item Description: Ergonomic
Enter Item Price: ₱ 567.90
Item ID 202312 is Added Successfully.

Invalid Item ID (ID must be 6-digits)

Enter your choice: 1
ADD ITEM Enter Item ID (6 digits): 1234
Error: Item ID must be a 6-digit number.
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o Item ID already exist (Error)

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Enter your choice: 1	
ADD ITEM	
Enter Item ID (6 digits): 202312	
Error: Item ID already exists.	

Empty Name Input (Error)

Enter your choice: 1
ADD ITEM Enter Item ID (6 digits): 100231 Enter Item Name:
Error: Item Name cannot be empty.

Empty Description Input (Error)

○ Invalid Price Input (must be greater than 0 / positive no.)

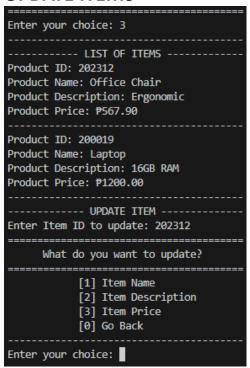
Enter your choice: 1
ADD. TTEM
ADD ITEM Enter Item ID (6 digits): 100921
Enter Item Name: Wireless Mouse
Enter Item Description: Bluetooth
Enter Item Price: ₱ -1.89
Error: Price must be more than 0.
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VIEW ITEMS

o If no items found in the system

======= ITEM MANAGEMENT SYSTEM ======= [1]. Add Item [2]. View Items [3]. Update Item [4]. Delete Item [0]. Exit
Enter your choice: 2
No items available. Add one first.

UPDATE ITEMS



Provided a copy of the list of items and presented the user with a menu to choose what to update.

○ Option 1: Item Name

	UPDATE ITEM Item ID to update: 202312
=====	What do you want to update?
	[1] Item Name [2] Item Description [3] Item Price [0] Go Back
	your choice: 1 new Item Name: Gaming Chair
Item N	ame Updated Successfully!

Option 2: Item Description

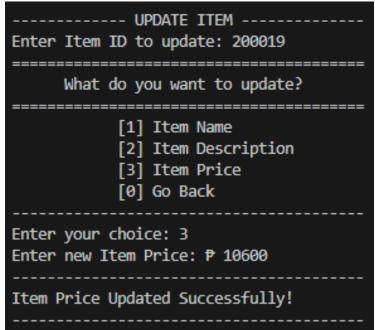
```
What do you want to update?

[1] Item Name
[2] Item Description
[3] Item Price
[0] Go Back

Enter your choice: 2
Enter new Item Description: Adjustable Height

Item Description Updated Successfully!
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o Option 3: Item Price



Option 0: Back to Main Menu (Go Back)

Verify all updated details:

• DELETE ITEMS

ITEM MANAGEMENT SYSTEM
[1]. Add Item
[2]. View Items
[3]. Update Item
[4]. Delete Item
[0]. Exit
Enter your choice: 4
LIST OF ITEMS
Product ID: 202312
Product Name: Gaming Chair
Product Description: Adjustable Height
Product Price: ₱567.90
Product ID: 200019
Product Name: Laptop
Product Description: 16GB RAM
Product Price: ₱10600.00
Enter Item ID to delete: 202312 Proceed with item deletion? (yes/no): yes
Item ID 202312 is Deleted Successfully.

====== ITEM MANAGEMENT SYSTEM ======
[1]. Add Item
[2]. View Items
[3]. Update Item
[4]. Delete Item
[0]. Exit
Enter your choice: 2
LIST OF ITEMS
Product ID: 200019
Product Name: Laptop
Product Description: 16GB RAM
Product Price: ₱10600.00

Verify Deletion

• EXIT PROGRAM

======= ITEM MANAGEMENT SYSTEM ======= [1]. Add Item [2]. View Items [3]. Update Item [4]. Delete Item [0]. Exit
Enter your choice: 0
Thank you. Have a nice day!