Test Case	Test Case Description	Pre- Conditions	Expected Result	Actual Result
Select a menu	User enters	User must	System should display	Displayed "Invalid input,
option	'9' as input	have access	"Invalid input, Please	Please enter a number from
орион	for the menu	to the system	enter a number from	the menu"
	option		menu"	
Select a menu	User enters	User must	System should display	Displayed "Wrong input,
option	'a' as input	have the	"Wrong input, Please	Please enter a number from
1	for the menu	access to the	enter a number from the	the above menu"
	option	system	above menu"	
Select a menu	User enters	User must	System should ask	Displayed "What type of
option	'1' as input	have access	"What type of Product	Product do you want to add
	for the menu	to the system	do you want to add	(electronics(e)/clothing(c)):
	option		(electronics(e)/clothing("
			c)): "	
Select the type	User enters	User must	System should display	Displayed "Wrong input,
of product	'a' as input	have access	"Wrong input, please	please enter again."
	for the prompt	to the system	enter again."	
		User must		
		have selected		
		option '1'		
		from the		
		main menu		
Select the type	User enters	User must	System should display	Displayed "Wrong input,
of product	'5' as input	have access	"Wrong input, please	please enter again."
	for the	to the system	enter again."	
	prompt	User must		
		have selected		
		option '1'		
		from the		
		main menu		
Select the type	"e" or "E" or	User must	System should prompt	Displayed "Enter Product
of product	"Electronics"	have the	"Enter Product ID (4	ID (4 digits):"
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	or	access to the	digits):"	(
	"ELECTRO	system		
	NICS" as			
	input for the			
	prompt	User must		
		have selected		
		option '1'		
		from the		
		main menu	~	
Select the type	User enters	User must	System should prompt	Displayed "Enter Product
of product	"c" or "C" or	have access	"Enter Product ID (4	ID (4 digits):"
	"Clothing" or	to the system	digits):"	
	"CLOTHING	I I gom seeset		
	" as input for	User must		
	the prompt	have selected		

		omtion (1)		
		option '1'		
		from the		
		main menu		
Input the	User enters	User must	System should display	Displayed "Invalid Product
product ID	"A0000"	have access	"Invalid Product ID.	ID. Please enter a 4-digit
		to the system	Please enter a 4-digit	ID."
			ID."	
		User must		
		have selected		
		option '1'		
		from the		
		main menu		
		mam menu		
		User must		
		have		
		correctly		
		entered the		
- 1	**	product type		7: 1 107 7 1
Input the	User enters	User must	System should display	Displayed "Enter Product
product ID	"A001"	have access	"Enter Product Name:"	Name:"
		to the system		
		User must		
		have selected		
		option '1'		
		from the		
		main menu		
		User must		
		have		
		correctly		
		entered the		
		product type		
Re-input the	User enters	User must	Should display	Displayed "Product with the
same product ID	"A001"	have access	"Product with the same	same ID already exists.
Same product 1D	A001			Please enter a different ID."
		to the system	ID already exists. Please enter a different	Flease effer a different ID.
		User must	ID."	
			וט.	
		have selected		
		option '1'		
		from the		
		main menu		
		TT		
		User must		
		have		
		correctly		
		entered the		
		product type		

Input the product name	User enters "Phone"	User must have access to the system	System should display "Enter number of available items:"	Displayed "Enter number of available items:"
		User must have selected option '1' from the		
		main menu		
		User must have correctly entered the product type		
		User must have entered a valid product ID		
Input the available items	User enters 'two'	User must have access to the system	System should display "Invalid Input, available items should be a number."	Displayed "Invalid Input, available items should be a number."
		User must have selected option '1' from the main menu		
Input the available items	User enters '5'	User must have access to the system	System should display "Enter price of the product"	Displayed "Enter price of the product"
		User must have selected option '1' from the main menu		
Input the price of the product	User enters 'twenty'	User must have access to the system	System should display "Invalid input, price should be a number."	Displayed "Invalid input, price should be a number."
		User must have selected option '1' from the main menu		
Input the price of the product	User enters '400.99'	User must have access to the system	System should display "Enter the brand of the Product:"	Displayed "Enter the brand of the Product:"

		User must have selected option '1' from the main menu		
Input the brand of the product	User enters "SONY"	User must have access to the system	System should be display "Warranty Period:"	Displayed "Warranty Period:"
		User must have selected option '1' from the main menu		
		User must have entered the product type as Electronics		
Input the warranty period	User enters 'two_years'	User must have access to the system	System should display "Please enter your choice from the given warranty periods"	Displayed "Please enter your choice from the given warranty periods"
		User must have selected option '1' from the main menu		
		User must have entered the product		
		type as Electronics		
Input the warranty period	User enters '6m'	User must have access to the system	System should display the "Product added successfully!" and	Displayed "Product added successfully!" and prompts the main console
		User must have selected option '1' from the main menu	prompts the main console	
		User must have entered the product		

		type as		
		Electronics		
Input the price	User enters	User must	System should display	Displayed "Enter the size of
of the product	'89.99'	have access	"Enter the size of the	the Clothing
		to the system	Clothing (XS/S/M/L/XL):"	(XS/S/M/L/XL):"
		User must		
		have selected		
		option '1'		
		from the		
		main menu		
		User must		
		have entered		
		the product		
		type as		
		Clothing		
Input the size of	User enters	User must	System should display	Displayed "Wrong input,
the clothing	'small'	have access	"Wrong input, please	please enter your choice
product		to the system	enter your choice from the given sizes."	from the given sizes."
		User must		
		have selected		
		option '1'		
		from the		
		main menu		
		User must		
		have entered		
		the product		
		type as Clothing		
Input the size of	User enters	User must	System should display	Displayed "Enter the colour
the clothing	'S'	have access	"Enter the colour of the	of the Clothing:"
product		to the system	Clothing:"	
		User must		
		have selected		
		option '1'		
		from the		
		main menu		
		User must		
		have entered		
		the product		
		type as Clothing		
Input the color	User enters	User must	System should display	Displayed "Product added
of the clothing	"Blue"	have access	"Product added	successfully!" and prompts
product		to the system	successfully!" and	the console menu

			prompts the console	
		User must	prompts the console menu	
		have selected	menu	
		option '1'		
		from the		
		main menu		
		main mena		
		User must		
		have entered		
		the product		
		type as Clothing		
Select a menu	User enters	User must	System should display	Displayed "Enter the
option from the	'2'	have access	"Enter the product ID	product ID you want to
console		to the system	you want to delete:"	delete:"
Enters a product	User enters	User must	System should display	Displayed "There is no
ID to delete	'A100'	have access	"There is no product	product with that product
		to the system	with that product ID."	ID."
		User must		
		have selected		
		option '2'		
		from the		
		main menu		
Enters a product	Users enters	User must	System should display	Displayed the message,
ID to delete	'A001'	have access	the product is deleted	remaining items, and the
		to the system	successfully message,	main console
			the remining items and	
		User must	prompt the main	
		have selected	console	
		option '2'		
		from the		
G 1 4	TT	main menu	0 1 1111 1	D' 1 1 1 1 1 1 1
Select a menu	User enters	User must	System should display	Displayed "There is no
option from the	'3' and there	have access	"There is no products	products added. Add
console	are no items added to the	to the system	added. Add products to print."	products to print."
	system yet	User must	1	
		have selected		
		option '3'		
		from the		
		main menu		
Select a menu	User enters	User must	System should display	Displayed product
option from the	'3'	have access	the added items	information sorted
system		to the system	information and should	according to the product ID
			be sorted according to	and the main menu is
		User must	the product ID. Main	displayed.
		have added at	console prompts.	
		least one		

		product to the		
		system		
Select a menu	User enters	User must	System should display	Displayed "Successfully
option from the	'4'	have access	"Successfully saved to	saved to the file!" And
console		to the system	the file!" The main	prompted main console
			console is prompted.	
Select a menu	User enters	User must	System should display	Displayed the GUI Login
option from the	'5'	have access	the GUI Login page and	page and the main console.
console		to the system	prompt the main	
	**	**	console.	
Input credentials	User enters	User must	System should display	Displayed "Registered"
to register	'John' for	have access	"Registered"	
	Username	to the system		
	and '123' for	I i - CIII		
	password	Login GUI		
		should be opened		
Click Login	User clicks	User must	System should direct to	Displayed Shopping Center
after	"Login"	have access	the Shopping Center	GUI
successfully	button	to the system	GUI	GCI
registered	oution	to the system	GCI	
registered		User must		
		have selected		
		option 5 from		
		the main		
		menu		
Input credentials	User enters	User must	System should display	Displayed "This username
to register	'John' for	have access	"This username is	is already given"
	Username	to the system	already given"	
	and '345' for			
	password	User must		
		have selected		
		option 5 from		
		the main		
		menu		
		There should		
		be a user with		
		the username		
		"John"		
Input credentials	User enters	User must	System should display	Displayed "Password is
to login	'John' the	have access	"Password is incorrect"	incorrect"
0***	username and	to the system		
	'000' for the			
	password	User must		
	1	have selected		
		option 5 from		
		the main		
		menu		

~ 1	T** 1			
Select a	User selects	User must	System should only	Displayed only the
category from	"Electronics"	have access	display the electronics	electronics products
the category		to the system	products	
selection bar				
		User must		
		have selected		
		option 5 from		
		the main		
		menu		
		mena		
		User must		
		have		
		registered or		
		logged in		
G 1	** 1 .	successfully		5: 1 1 1 1 1 1 1
Select a	User selects	User must	System should only	Displayed only the clothing
category from	"Clothing"	have access	display the clothing	products
the category		to the system	products	
selection bar				
		User must		
		have selected		
		option 5 from		
		the main		
		menu		
		User must		
		have		
		registered or		
		logged in		
		successfully		
Click sort button	User clicks	User must	The system should	Displayed products sorted in
Chek bort button	on 'sort'	have access	display the products	the alphabetical order
	button	to the system	sorted in alphabetical	according to the product ID
	outton	to the system	order according to the	decording to the product 15
		User must	product ID	
		have selected	product 1D	
		option 5 from		
		the main		
		menu		
		I I an		
		User must		
		have		
		registered or		
		logged in		
		successfully		
Click on a	User clicks	User must	System should display	Displayed the product
product item in	on a product	have access	the product details of	details of the selected
the Shopping		to the system	the selected product in	product in the bottom panel
center GUI page			the bottom panel	

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		User must		
		have selected		
		option 5 from		
		the main		
		menu		
		User must		
		have		
		registered or		
		logged in		
		successfully		
Click on add to	User clicks	User must	The system should add	The item is added to the
shopping cart	on 'Add to	have access	the product to the	shopping cart
button	Shopping	to the system	shopping cart	shopping cart
button	Cart' button	to the system	shopping cart	
	Cari Duiton	User must		
		have selected		
		option 5 from		
		the main		
		menu		
		T.T		
		User must		
		have		
		registered or		
		logged in		
		successfully		
Click on	User clicks	User must	The system should	Displayed added items and
shopping cart	on 'Shopping	have access	display the added items,	the total cost with the first
button	Cart' button	to the system	total cost with the first	purchase discount
			purchase discount	
		User must		
		have selected		
		option 5 from		
		the main		
		menu		
		User must		
		have		
		registered or		
		logged in		
		successfully		
Click on	User clicks	User must	The system should	Displayed added items and
shopping cart	on 'Shopping	have access	display the added items,	the total cost with the first
button	Cart' button	to the system	total cost with the first	purchase discount and the
		7	purchase discount and	three items in the same
		User must	the three items in the	category discount
		have selected	same category discount	
		option 5 from	- and care golf and count	
		the main		
		menu		
			•	

Click on shopping cart button	User clicks on 'Shopping Cart' button	User must have registered or logged in successfully User must have access to the system User must have selected option 5 from the main menu User must have registered or logged in successfully	The system should display the added items, total cost with the three items in the same category discount	Displayed added items and the total cost with the three items in the same category discount
Select a menu option from the console	User enters '6'	User must have access to the system	System should display the "System termination successful, Thank You!" and exits the system	Displayed "System termination successful, Thank You!" and exits from the system

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