

Group Number: 5	Page: 1
Group Name: SICT	Date: 2018-07-30
Prepared by: Minh Le	Functional Area: Store Management

Casual Use Case Specification: UC01

Brief Description: This system use case allows a hardware manager or hardware employee to update the instore hardware stock.

Section 1: Business Rule(s):

BR 40: Hardware employees updating product quantity over 5 must get hardware manager's approval.

BR 41: Update quantity of hardware item cannot exceed amount currently in inventory in the system.

BR 42: Product quantity to restock must be a number and must be at least 1.

BR 43: Hardware employees can only perform single item updates.

BR 44: Only hardware manager and hardware employees who are logged in can access updating or checking hardware product quantities.

Group Number: 5	Page: 2
Group Name: SICT	Date: 2018-07-30
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Section 2: Scenarios (HD):

Scenario 1: Update Single In-Store Hardware Stock Amount without Errors

Preconditions

Restocking system is open and accessible and hardware manager is logged in. Menu for updating, adding or checking in-store stock amounts is displayed

Step#	Actor (Hardware Manager)	System	Data Used
1	Selects to update hardware amount	Displays screen with 'Update product stock' Prompts for single item update or bulk item update	
loop			
2	Chooses single item update	Displays list of available products with current quantities	listOfProducts
3	Selects the product to update	System shows a screen listing the selected products name, model number, and quantity to change	product productName productQuantity productModel
4	Inputs new product quantify	Accepts and verifies input is valid Prompts confirmation of accept or decline new product quantity	
5	Accepts product quantity	Product is updated Product name, model number and new product quantity is displayed Prompts to update another product	
end of loop			
6	Declines updating another product	Returns to main menu with updating or checking in store stock	

Successful Post-Conditions: Quantity for the single hardware product item specified is updated.

Group Number: 5	Page: 3
Group Name: SICT	Date: 2018-07-30
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Scenario 2: Add In-Store Hardware Product – where quantity equal to or exceeds 5 – without errors

Preconditions

Restocking system is open and accessible and hardware employee is logged in. Menu for updating, adding or checking in-store stock amounts is displayed

Step#	Actor (Hardware Employee)	System	Data Used
1	Selects to update hardware amount	Displays screen with 'Update product stock' Prompts for single item update	
loop			
2	Chooses single item update	Displays list of available products with current quantities	listOfProducts
3	Selects the product to update	System shows a screen listing the selected products name, model number, and quantity to change	product productName productQuantity productModel
4	Inputs new product quantify	Accepts and verifies input is valid Product quantity is greater or equal to 5 Prompts confirmation of accept or decline new product quantity	
5	Accepts product quantity	System notifies request for approval to hardware manager to approve product quantity update Product quantity is approved and prompts to continue	requestForApproval requestDate requestID requestFrom
6	Selects to continue	Product is updated Product name, model number and new product quantity is displayed Prompts to update another product	
end of loop			
6	Declines updating another product	Returns to main menu with updating, or checking in store stock	

Successful Post-Conditions: Quantity for the single hardware product item specified is updated.