Software Design	Section 2 Question	22
22		Interface
2 Entering Trans	action Data [-10]	4
a)i) Please enterth	ne j	11-9
tabel Stock Number	y	text box
Label Stock Numb	Sec T UPDATE -	commandbutton, updates transaction
		file and clears the text boxes
abel Quantity		textbox
	Back to Main	to main screen after entering 999 as the store number and therefore closing the transaction file.
2		
ii) IPO Diagram		OUTPUT
INPUT		OUTPUT Stock number, Hen
INPUT		Stock number, Hen Description, Quantity on hand and Unit
Stock Number	PROCESSES	Stock number, Hen Description, Quantity
Stock Number		Stock number, Hen Description, Quantity on hand and Unit
Stock Number	PROCESSES	Stock number, Hen Description, Quantity on hand and Unit
Stock Number	PROCESSES  (alculates quantity of	Stock number, Hen Description, Quantity on hand and Unit
Stock Number	PROCESSES  (alculates quantity of hand (curent number - quantity from input)	Stock number, Hen Description, Quantity on hand and Unit
Stock Number	PROCESSES  (alculates quantity of hand (curent number -	Stock number, Hen Description, Quantity on hand and Unit

Centre Number: Student Num	ıber:
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a) iii)

BEGIN Update hventory.

Open Inventory File as Fit randon

read Stock rumber

read quantity

if stock number <> 1999 Thes begin

Investory Check Stock Number (stock number)

current quantity = hvestory File [ Stock Number ]

current quantity = current quantity + quantity

Update Inventory File

Check Quantity (current quantity)

read stock number

read quantity

end if

END

BEGIN Check Stock Number (stock no)

found false true

if Inventory File [stock no] in null then

found = false print "That stocknumber is not valid"



Centre Number:	. Student	Number:		
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end if

END

BEGIN Chech Quantity (quantity)

if Inventory File

if quantity > 3 ther

print "There are less than 3 in stock"
end:f

END.

b) Two types of documentation are the Gast Chart,
which is developed dwing the planning stage
of the development cycle and using throughout,
and the technical documentation which is
developed dwing the building and testing stages
and used dwing the modify stage.

each aspect of the software solution must be begun and completed. These are used thoughout the development cycle but particularly using the



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building stage. These we useful as they keep programmers
on track and within the desired time frame -which is
Rspecially important during coding.
Technical documentation includes data dictionaries
and diagrams which may be needed after
the program has been complete. These are useful
dwing the modifying and maintainance stages of
the development cycle becomese usually other
programmers work on maintaining the program
and may need to lear about the project
through the technical documentation.