**CnU\_Assignment01\_Pseudo Code:**

**Document: C\_SMS\_Requirement\_v0.2/ page 14**

**UseCase: UC1.2 – Nhập hóa đơn mua hàng**

1. **PurchaseOrder:**

|  |  |  |
| --- | --- | --- |
| **No** | **Filed Name** | **Description** |
| 1 | OrderNo |  |
| 2 | OrderDate |  |
| 3 | OrderType | PO: Hoá đơn mua hàng  PR: Trả lại hàng cho cty |
| 5 | OverdueDate |  |
| 6 | DiscAmt | Số tiền chiết khấu |
| 7 | PromAmt | Khuyến mại |
| 8 | ComAmt | Hoa hồng |
| 9 | TaxAmt |  |
| 11 | TotalAmt |  |

1. **PurchaseOrdDetail:**

|  |  |  |
| --- | --- | --- |
| **No** | **Filed Name** | **Description** |
| 1 | OrderNo |  |
| 2 | InvtID |  |
| 3 | Qty |  |
|  | PurchasePrice | Don gia mua được link với bảng Inventory (SalesPrice) |
| 5 | StockID |  |
| 6 | QtyProm | Số lượng KM bằng hàng |
| 7 | QtyPromAmt | Giá trị KM bằng hàng |
| 8 | AmtProm | KM bằng tiền |
| 9 | TaxAmt |  |
| 10 | Amount | Giá trị khách hàng phải thanh toán |

**Pseudo Code**

**BEGIN MAINPROGRAM home**

Display Purchase Order function in menu control ;

IF User click “Purchase Order” THEN

Display PurchaseOrder page ;

ENDIF

**END MAINPROGRAM home**

----------------------------------------------------------

**BEGIN MAINPROGRAM PurchaseOrder**

Display TextBox OrderNo & InvtID; //InvtID = Inventory Code

Display Button Save & Return;

Get OrderNo in keyboard;

IF OrderNo is invalid THEN

Display warning message “OrderNo is invalid. Please re-enter Informations”;

Reset text in all fields to default;

ELSE IF User focus in OrderNo textbox and press F2 in keyboard THEN

Display listOrderNo page;

ENDIF

Get ID in keyboard;

IF ID is invalid THEN

Display warning message “InvtID is invalid. Please re-enter Informations”;

ELSE IF User focus in InvtID textbox and press F2 in keyboard THEN

Display listInvtID page;

ELSE

Call getSlsOrder(InvtID);

Focus cursor to this InvtID’s Qty field;   
 ENDIF

Get Qty & DiscAmt in keyboard;

// Amount = Qty \* (Salesprice + TaxAmt) – DiscAmt;

Update value of Amount fields by Qty value and DiscAmt value;

IF User click button “Save” THEN

IF entered Qty value more than QtyStock value of the InvtID THEN

Display warning message “Current quantity of this product is not enough, please re-enter!”;

ELSE

Save to database;  
 ENDIF

ENDIF

IF User click button “Return” & not yet saved THEN

Display warning message “Do you want to save?”;

IF User choose “Yes” THEN

Save to database;

ELSE

Close page;

Display home page;

ENDIF

ENDIF

**END MAINPROGRAM PurchaseOrder**

**------------------------------------**

**BEGIN SUBPROGRAM getSlsOrderDetail(**InvtID**)**

Get results with InvtID in database (table PurchaseOrderDetail);

**END SUBPROGRAM getSlsOrderDetail**

**-------------------------------------**

**BEGIN MAINPROGRAM lisOrderNo**

Display button Choose & Return;

Get list Order in database (table PurchaseOrderDetail);

IF User click on one row of list & click button “Choose” THEN

Get OrderNo of this row;

Display PurchaseOrder page with details of this OrderNo;

IF User click button “Return” THEN

Close page;

Display PurchaseOrder page;  
 ENDIF

**END MAINPROGRAM listOrderNo**

**-------------------------------------**

**BEGIN MAINPROGRAM listInvtID**

Display button Choose & Return;

Get list Inventory Detail in database;

IF User click on one row of list & click button “Choose” THEN

Get InvtID of this row;

IF this InvtID’s Status is “AV” THEN

Display PurchaseOrder page with details of this InvtID;

ELSE

Display warning message “This inventory is not using, please try with another Inventory”;

ENDIF

ENDIF

IF User click button “Return” THEN

Close page;

Display PurchaseOrder page;  
 ENDIF

**END MAINPROGRAM listInvtID**

**Screen Design**

1. **Home page screen**

Home page

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Menu Control  
1. Purchase Order

2. ….

3. ….

1. **Purchase Order screen**

Purchase Order

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**OrderNo** : …………………………………………

**Invt ID**: …………………………………………   
 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|Invt ID |Invt Name |Qty |Purchase Price |Stock |Discount Amount |Amount |

| |

| |

| |

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

**SAVE RETURN**

1. **List Order screen: When user focus to OrderNo field and press F2**

List Oder

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|Order No |Order Date |Order Type |Order Due day |Discount Amount |Total Amount |

| |

| |

| |

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

**CHOOSE RETURN**

1. **List Inventory screen: When user focus to InvtID field and press F2**

List Inventory

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|Order No |Order Date |Order Type |Order Due day |Discount Amount |Total Amount |

| |

| |

| |

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_|

**CHOOSE RETURN**