PSEUDOCODE FOR THE SYSTEM

Pick n Pay vending system

DISPLAY’’WELCOM PICK N PAY VENDING SYSTEM SELECT AN OPTION TO CONTINUE’’

DISPAY ‘’1. Teller

2. Manager

3. Employee’’

IF option selected is 1. Teller

THEN

TELLERS MODULE

DISPLAY’’WELCOME TO TELLER SIDE’’

-INITIALIZE integer productCode

-INITIALIZE string productName

-INITIALIZE double price

-INITIALIZE integer quantity

-INITIALIZE double VAT

-INITIALIZE read expireDate

END

-FUNCTION sellProducts

READ productCode

READ quantity

CALCULATE total=productCode\*quantity

DISPLAY totalPrice

END

-FUNCTION ProductRecord(READ productCode)

DISPLAY ProductCode

DISPLAY ProductName

DISPLAY quantity

DISPLAY unitPrice

DISPLAY expireDate

END

-FUNCTION reorder (READ productCode)

-IF quantity is less than 30

THEN reorder MANAGER MODULE

END

ENDIF

END

END TELLERS MODULE

ELSE option selected is 2. MANAGER

THEN

MANAGERS MODULE

DISPLAY ‘’WELCOME MANAGERS’ SIDE’’

-FUNCTION addNewStock (READ productCode)

-IF quantity is less than 30

THEN

Display’Stock is low’’

READ productCode

READ quantity

READ unitPrice

ELSE

THEN

WRITE ‘’ stock level is fine’’

END IF

ELSE option selected is 3. EMPLOYEE

EMPLOYEES’ MODULE

DISPLAY ‘’WELCOME TO EMPLOYEES ‘ SIDE’’

-FUNCTION add New employee

READ employeeID

READ employeeName

READ employementDate

WRITE ‘’New employee added’’

WRITE workingHours

END

-FUNCTION read employementType(READ employeeID)

DISPLAY employeeID

DISPLAY type if contract or permanent

END

-FUNCTION display EmployeeRecord(READ employeeID)

DISPLAY employeeID

DISPLAY employeeName

DISPLAY employementDate

DISPLAY employementType

RECORD hoursWorked

END

-FUNCTION display employeeSalary (READ employeeID)

GET hoursWorked

Calculate Salary= hoursWorked\*$95

DISPLAY=Salary

END

ENDIF