**Members**

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START

Run log module

Input [Emp\_ID; password; position select]

If emp\_ID and password! = stored [emp\_ID and password] then

Display LogIn module

endif

If emp\_ID and password =stored [emp\_ID and password] then

Check position

If position = sales person then

Run sales\_Module

Display functions [make sales () and print invoice ()]

endif

If position=Mgt\_submodules, then

Display Mgt\_submodule

[HR; inventory; supplies and orders; Finance\_reports]

Choose submodule

If submodule= HR, then

Show functions

[add/delete employee; calculate salary and print payslip ()]

If submodule= inventory, then

Show functions

[Add product (); print stocklist (); order stock ()]

endif

If submodule= supplies and orders

Show functions

[pay supplies (); receive payment ()]

endif

If submodule = financial reports

Show functions

[supply reports (); sale reports (); outstanding invoice ()]

Endif

Endif

END

Login

Start

Input LoginID

Input Password

IF (LoginID = EnteredUsername & Password = EnteredPassword) THEN

Login Successful

ELSE

Login Failed.

ENDIF

Stop

Payroll

Start

Total =0

Employee\_num = 0

Prompt for employee\_num

Input employee\_num

While(employee num <> 0)

Input payrate and hoursWorked

Function calc\_wages(payrate, hoursWorked)

If(hoursWorked> 40)

Wages= (40 \* payrate) + hoursWorked - 40)\* payrate \* overtime multiplier

Else

Wages = hoursWorked \* payrate

Endif

Return (wages)

End calc\_wages

total wages = total wages + 1

Output employee data

Input next employee\_num

Endwhile

Display total wages

Stop

Sales Transaction

Start

Vat=0.15

Display “Enter product”

If product = available then

Prompt quantity

Get quantity

Subtotal=quantity\*price

Balance= (subtotal\*vat) + subtotal

Display “product, quantity, balance”

Get cash

If cash>balance then

Change=cash-balance

Else

Display “Error, cash entered is not enough”

EndIf

Stop.