COOK TIME TRIO

Cook Time Entry System

This is an addendum to the file named: PseudocodeManagerReport-11-8-REVISED-AFTER-CLASS. That document shows the pseudocode for a Manager Report-Daily – Individual employee. The code for the modules covered previously are highlighted in blue.

**This document adds the pseudocode for a Manager Report-Weekly for an Individual Employee and Manager Report –Daily and Weekly for up to 10 employees.**

**Each module starts on a new page.**

Our Report: I propose that our group present these two reports, for a manager’s single department – Daily and Weekly both covering two conditions:

Individual employee and

10 employees

We won’t have a lot of time to do more keeping it to these, with reference to expansion opportunities addressed in the presentation should be our goal. We would verbally address the following later modifications in our presentation:

1. Ability for a manager to look at a variety of selected dates (not necessarily contiguous) both for an individual and for a group
2. Ability for a manager to look at employees in more than one department if he or she manages multiple departments
3. Also to mention in the “Do you want this report Printed” PRINTER ON command to note that we don’t have it actually attached to a printer but this is addressed in the program.

Objective: Create a time entry system for Cook Employees. This will be a time card entry system capable of recording and reviewing employee clock times.

Requirements:

* The new system will replace the current manual paper method currently used by some employees/managers for time entry;
* Electronic time clocks record employee time in / out for management review;
* IF time clocks fail, managers will have the ability to manually record employee times;
* Managers will be able to review times recorded by time clocks;
* A weekly report will be generated for each manager, only for employees under their charge.

**LOGIN AND MAIN.b**

PRINT TIME and DATE

PRINT ‘Enter your employee ID: ‘ \*the manager’s ID is referenced here

INPUT empID

PRINT ‘Enter the two-digit code for the department you want to examine: ‘

INPUT dept

PRINT ‘Enter your password: ‘

INPUT pass  
 IF empID not in dept   
 PRINT “Access denied, please re-enter your manager credentials (employee ID, department and password) ” limit to 3 attempts  
 IF >3 attemps PRINT “Please see Human Resources”  
 Then Stop  
 GOTO BEGIN REPORT

BEGIN REPORT **\*This is also the return location if ePeriodSelection =3 OR eOneDayNext=3 OR eOneWeekNext=3 OR gPeriodSelection=3 OR gOneDayNext=3 OR gOneWeekNext=3**

PRINT ‘This report is for [manager full name] of dept on DATE

PRINT

PRINT ‘What would you like to do?’

PRINT ‘1. Review an individual employee in this department ’

PRINT ‘2. Review a group of employees in this department ’

PRINT ‘3. End’

PRINT ‘Enter your choice 1, 2 or 3 ‘

INPUT selection1

BEGIN CASE

CASE selection1 = ‘1’

GOTO INDIVIDUAL REPORT

CASE selection1 = ‘2’

GOTO GROUP REPORT

CASE selection1 = ‘3’ END

END CASE

UNTIL selection1 = 3 DO REPEAT

**INDIVIDUAL REPORT \*IF selection1=1 \*THIS IS ALSO THE RETURN LOOP IF eOneDayNext=2 OR eOneWeekNext=2**

LOOP

PRINT ‘Enter employee’s ID: ‘ \*this is the managed employee’s ID

INPUT empID   
 IF empID not in dept  
 PRINT “Access denied, please re-enter the employee ID ” limit to 3 attempts  
 IF >3 attempts

PRINT “Please see HR”

PRINT “INPUT another employee ID? Enter Y or N ‘

IF Y RETURN

IF N STOP

UNTIL valid empID or N

GOTO INDIVIDUAL START

**INDIVIDUAL START \* THIS IS ALSO THE RETURN LOOP IF eOneDayNext=1 OR eOneWeekNext=1**

LOOP

PRINT ‘This report is for employee number: ‘ EmployeeID ‘ ‘ eFullName ‘in department ‘ dept

PRINT ‘Which of the following would you like to review for this employee‘

PRINT ‘1. Time for one day’

PRINT ‘2. Time for a previous full week ‘

PRINT ‘3. Begin a new report’

PRINT ‘Enter Quit IF you would like to end’

PRINT ‘Enter your choice 1 2 3 or Quit ‘

INPUT ePeriodSelection

IF ePeriodSelection = ‘Quit’ STOP

BEGIN CASE

CASE ePeriodSelection = '1'

GOTO IndividualOneDay Module

CASE ePeriodSelection = '2'

GOTO IndividualWeek Module

CASE ePeriodSelection = '3'

GOTO BEGIN REPORT

CASE 1; \* NOT A VALID ANSWER

PRINT "SORRY. NOT VALID"

PRINT "PRESS <CR> TO TRY AGAIN "

END CASE

UNTIL ePeriodSelection > ‘ ’ DO REPEAT

IndividualOneDay Module **\*ePeriodSelection=1**

PRINT

PRINT ‘Please enter the day that you would like to review for this employee (MM/DD/YYYY): ‘

INPUT day

READ startTime and endTime [for day from Timesheet Module]

PRINT OCONV(DATE()+10, “DWA”)

CRT@(0,1) ‘Regular Start Time’

CRT @(12,1) ‘Actual Time IN’

CRT @ (24,1) ‘Late Time IN if \*’

CRT@(27,1) ‘Regular End Time

CRT@(39,1) ‘Actual Time OUT’

CRT@(52,1) ‘Early Time OUT if \*’

CRT@(0,5) regularStartTime

CRT@(12,5) startTime

CRT@(24,5) ‘\*’ IF lateTimeIn >’’

CRT@(27,5) regularEndTime

CRT@(39,5) endTime

CRT@(52,5) ‘\*’ IF earlyTimeOut >’’

PRINT

PRINT

PRINT "DO YOU WANT THIS REPORT PRINTED ? (Y/N) " :

\*INPUT printReport

\*IF printReport = "Y" THEN PRINTER ON

PRINT ‘What would you like to do next? ‘

PRINT ‘1. Review another report for this employee’

PRINT ‘2. INPUT another employee’

PRINT ‘3. Begin a new Report

PRINT ‘Enter Quit IF you would like to end’

IF ‘Quit’ STOP

PRINT ‘Enter your choice 1 2 3 or Quit ‘

INPUT eOneDayNext

IF eOneDayNext = 1 GOTO INDIVIDUAL START

IF eOneDayNext = 2 GOTO INDIVIDUAL REPORT

IF eOneDayNext = 3 GOTO BEGIN REPORT

UNTIL eOneDayNext > ‘ ‘ OR eOneDayNext = ‘Quit’

**IndividualWeek Module \* ePeriodSelection=2**

PRINT

PRINT ‘Please enter the week that you would like to review for this employee. Enter MM/DD/YYYY for the SUNDAY in that week: ‘

INPUT week \* This is the date of the Sunday

CRT@(0,0) ‘This report covers the week beginning Sunday ‘ week

CRT@(0,1) ‘Date’

CRT@(10,1) ‘Regular Start Time’

CRT @(22,10) ‘Actual Time IN’

CRT @ (34,1) ‘Late Time IN if \*’

CRT@(37,1) ‘Regular End Time

CRT@(49, 1) ‘Actual Time OUT’

CRT@(62,1) ‘Early Time OUT if \*’

counterWeek=0

LOOP

READ startTime and endTime [for week from Timesheet Module]

CRT@(0,3) OCONV(DATE()+10, “DWA”)

CRT@(10,3) regularStartTime

CRT@(22,3) startTime

CRT@(34,3) ‘\*’ IF lateTimeIn >’’

CRT@(37,3) regularEndTime

CRT@(49,3) endTime

CRT@(62,3) ‘\*’ IF earlyTimeOut >’’

PRINT

PRINT

counterWeek=week+1

UNTIL counterWeek= week+7

PRINT "DO YOU WANT THIS REPORT PRINTED ? (Y/N) " :

\*INPUT printReport

\*IF printReport = "Y" THEN PRINTER ON

PRINT ‘What would you like to do next? ‘

PRINT ‘1. Review another report for this employee’

PRINT ‘2. INPUT another employee’

PRINT ‘3. Begin a new Report

PRINT ‘Enter Quit IF you would like to end’

IF ‘Quit’ STOP

PRINT ‘Enter your choice 1 2 3 or Quit ‘

INPUT eOneWeekNext

IF eOneWeekNext = 1 GOTO INDIVIDUAL START

IF eOneWeekNext = 2 GOTO INDIVIDUAL REPORT

IF eOneWeekNext = 3 GOTO BEGIN REPORT

UNTIL eOneWeekNext > ‘ ‘ OR eOneWeekNext = ‘Quit’

**GROUP REPORT \*IF selection1=2**

**numEmplCounter=0**

LOOP **\*THIS IS THE RETURN LOOP IF eGroupDayNext=2 OR eGroupWeekNext=2**

PRINT ‘Enter employee’s ID: ‘ \*this is the managed employee’s ID

INPUT empID   
 IF empID not in dept  
 PRINT “Access denied, please re-enter the employee ID ” limit to 3 attempts  
 IF >3 attempts

PRINT “Please see HR”

PRINT “INPUT another employee ID? Enter Y or N ‘

IF Y RETURN

IF N STOP

numEmplCounter =numEmplCounter+1

IF counter > 10

PRINT ‘This program supports a maximum of 10 employees in a group report’

SLEEP 10

THEN GOTO GROUP START

UNTIL valid empID OR numEmplCounter=10 OR emplID=N

GOTO GROUP START

**GROUP START \* THIS IS ALSO THE RETURN LOOP IF eGroupDayNext=1 OR eGroupWeekNext=1**

PRINT ‘This report is for the following employees:

LIST employeeID, eFullname, dept for each selected employee

LOOP

PRINT ‘Which of the following would you like to review for these employees‘

PRINT ‘1. Time for one day’

PRINT ‘2. Time for a previous full week ‘

PRINT ‘3. Begin a new report’

PRINT ‘Enter Quit IF you would like to end’

PRINT ‘Enter your choice 1 2 3 or Quit ‘

INPUT gPeriodSelection

IF gPeriodSelection = ‘Quit’ STOP

BEGIN CASE

CASE gPeriodSelection = '1'

GOTO GroupOneDay Module

CASE gPeriodSelection = '2'

GOTO GroupWeek Module

CASE gPeriodSelection = '3'

GOTO BEGIN REPORT

CASE 1; \* NOT A VALID ANSWER

PRINT "SORRY. NOT VALID"

PRINT "PRESS <CR> TO TRY AGAIN "

END CASE

UNTIL gPeriodSelection > ‘ ’ DO REPEAT

**GroupOneDay Module \*gPeriodSelection=1**

PRINT

PRINT ‘Please enter the day that you would like to review for these employees (MM/DD/YYYY): ‘

INPUT groupDay

CRT@(0,0) ‘This report is for : ‘ groupDay

CRT@(0,1) ‘ EmployeeID ‘

CRT@(10,1) ‘Employee FullName ‘

CRT@ (30,1) ‘Department Number’

CRT@(35,1) ‘Regular Start Time’

CRT@(42,1) ‘Actual Time IN’

CRT@ (49,1) ‘Late Time IN if \*’

CRT@(52,1) ‘Regular End Time

CRT@(57,1) ‘Actual Time OUT’

CRT@(60,1) ‘Early Time OUT if \*’

READ startTime and endTime [for day from Timesheet Module]

CRT@(0,4) employeeID

CRT@(10,4) eFullName

CRT@ (30,4) dept

CRT@(35,4) regularStartTime

CRT@(42,4) startTime

CRT@ (49,4) ‘\*’ IF lateTimeIn>’’

CRT@(52,4) regularEndTime

CRT@(57,4) endTime

CRT@(60,4) ‘\*’ IF earlyTimeOut>’’

PRINT

PRINT

PRINT "DO YOU WANT THIS REPORT PRINTED ? (Y/N) " :

INPUT printReport

\*IF printReport = "Y" THEN PRINTER ON

PRINT ‘What would you like to do next? ‘

PRINT ‘1. Review another report for this group’

PRINT ‘2. INPUT another group’

PRINT ‘3. Begin a new Report

PRINT ‘Enter Quit IF you would like to end’

IF ‘Quit’ STOP

PRINT ‘Enter your choice 1 2 3 or Quit ‘

INPUT gOneDayNext

IF gOneDayNext = 1 GOTO GROUP START

IF eOneDayNext = 2 GOTO GROUP REPORT

IF eOneDayNext = 3 GOTO BEGIN REPORT

UNTIL gOneDayNext > ‘ ‘ OR gOneDayNext = ‘Quit’

**GroupWeek Module \*gPeriodSelection = 2 – THIS STILL NEEDS WORK AT 11-14**

PRINT

PRINT ‘Please enter the week that you would like to review for these employees. Enter MM/DD/YYYY for the SUNDAY in that week: ‘

INPUT groupWeek(DATE) \* This is the date of the Sunday

counterGroupWeek = 0

CRT@(0,0) ‘This report is for the week beginning Sunday: ‘ groupWeek

CRT@(0,1) ‘ EmployeeID ‘

CRT@(10,1) ‘Employee FullName ‘

CRT@ (30,1) ‘Department Number’

CRT@(35,1) ‘Regular Start Time’

CRT@(42,1) ‘Actual Time IN’

CRT@ (49,1) ‘Late Time IN if \*’

CRT@(52,1) ‘Regular End Time

CRT@(57,1) ‘Actual Time OUT’

CRT@(60,1) ‘Early Time OUT if \*’

CRT @(0,30) ‘Actual Time IN’

CRT @ (0,45) ‘Late Time IN if \*’

CRT@(10,5) ‘Regular End Time

CRT@(10, 30) ‘Actual Time OUT’

LOOP

READ startTime and endTime [for week from Timesheet Module]

PRINT OCONV(DATE()+10, “DWA”) : TIMEDATE

CRT@(1,5) regularStartTime

CRT@(1,30) startTime

CRT@(1,45) \* IF late time in flagged

CRT@(10,5) regularEndTime

CRT@(10,30) endTime

CRT@(10,45) \* IF early time out flagged

PRINT

PRINT

UNTIL counterGroupWeek+7 is counted

PRINT "DO YOU WANT THIS REPORT PRINTED ? (Y/N) " :

INPUT printReport

\*IF printReport = "Y" THEN PRINTER ON

PRINT ‘What would you like to do next? ‘

PRINT ‘1. Review another report for this employee’

PRINT ‘2. INPUT another employee’

PRINT ‘3. Begin a new Report

PRINT ‘Enter Quit IF you would like to end’

IF ‘Quit’ STOP

PRINT ‘Enter your choice 1 2 3 or Quit ‘

INPUT gWeekNext

IF gWeekNext = 1 GOTO INDIVIDUAL REPORT \*second LOOP

IF gWeekNext = 2 GOTO INDIVIDUAL REPORT\*first LOOP

IF gWeekNext = 3 GOTO BEGIN REPORT

UNTIL gWeekNext > ‘ ‘ OR gWeekNext = ‘Quit’