1. **F2 – Check in Date – OnLoad**

// ======================================

// save name of steps in global variables

// ======================================

$scope.activityChkin='Check-in';

$scope.activityChkout='Check-out';

// ====================

// script for accordian

// ====================

if($scope.activityName === $scope.activityChkin)

{

setTimeout(function() {$('#s1').collapsible( "option", "collapsed", false );}, 1);

}

else if($scope.activityName === $scope.activityChkout)

{

setTimeout(function() {$('#s1').collapsible( "option", "collapsed", false );}, 1);

setTimeout(function() {$('#s2').collapsible( "option", "collapsed", false );}, 1);

}

// ============================

// set current date in field f2

// ============================

if ($scope.activityName == $scope.activityChkin)

{

var today = new Date();

var dd = today.getDate();

var mm = today.getMonth()+1; //January is 0!

var yyyy = today.getFullYear();

if(dd<10)

{ dd='0'+dd; }

if(mm<10)

{ mm='0'+mm; }

f2.value = mm+'/'+dd+'/'+yyyy;

// ============================

// set current time in field f3

// ============================

var currentTime = new Date()

var hours = currentTime.getHours()

var minutes = currentTime.getMinutes()

if (minutes < 10)

minutes = "0" + minutes

f3.value = hours + ":" + minutes;

}

if ($scope.activityName == $scope.activityChkout)

{

// ============================

// set current date in field f4

// ============================

var today2 = new Date();

var dd2 = today2.getDate();

var mm2 = today2.getMonth()+1; //January is 0!

var yyyy2 = today2.getFullYear();

if(dd2<10)

{ dd2='0'+dd2; }

if(mm2<10)

{ mm2='0'+mm2; }

f4.value = mm2+'/'+dd2+'/'+yyyy2;

// ============================

// set current time in field f5

// ============================

var currentTime2 = new Date()

var hours2 = currentTime2.getHours()

var minutes2 = currentTime2.getMinutes()

if (minutes2 < 10)

minutes2 = "0" + minutes2

f5.value = hours2 + ":" + minutes2;

}

// ========================================================================

// Get attendance default values from database and save in global variables

// ========================================================================

var $http=$scope.srv.$http;

// Following query will get data from the fields of Data Entry Form. F1, F2 are the fields name. ExecutionID

// is the ProcessID of Data Entry Form

// Data of multiple fields are to be get

var query= "Select Distinct f1, f2, f3, f4 from DATA\_FORM where ExecutionID='775425662' and flowstatus not in('draft','deleted');";

var Url ="/data/Query?query=" + encodeURIComponent(query);

$http({

method: "GET",

url: Url,

data: {},

headers: {

contentType: "application/json; charset=utf-8"

}

}).success(function(data, status, headers, config){

// Following code will bind data with fields. Variable of "data" (array type) will contain data of all the fields.

// Default start time

$scope.stDefTimeObj=data[0].f1;

// Default end time

$scope.enDefTimeObj=data[0].f2;

// Late arrival

$scope.stLateTimeObj=data[0].f3;

// Late sitting

$scope.stLateSitTimeObj=data[0].f4;

$scope.$apply();

}).error(function(data, status, headers, config){

});

1. **F2 – Check in Date – OnSubmit**

var stDate = f2.value + " "; // check in date "11/07/2014 "; // month day year - or you can write like November 10, 2014

var stTime = f3.value; // check in time "9:00";

var stTimeObj = new Date(stDate + stTime);

var enDate = f4.value + " "; // check out date "11/07/2014 ";

var enTime = f5.value; // check out time "18:02";

var enTimeObj = new Date(enDate + enTime);

// Default start time - default settings saved on "OnLoad" event of f2 (Check-in Date) "

var stDefTimeObj = new Date(stDate + $scope.stDefTimeObj);

// Default end time

var enDefTimeObj = new Date(enDate + $scope.enDefTimeObj);

// Late arrival

var stLateTimeObj = new Date(stDate + $scope.stLateTimeObj);

// Late sitting

var stLateSitTimeObj = new Date(enDate + $scope.stLateSitTimeObj);

function setArrivalStatus()

{

if (stTimeObj.getTime() <= stLateTimeObj.getTime())

{ f7.value = "Came In Time"; }

else

{ f7.value = "Came Late"; }

}

if ($scope.activityName == $scope.activityChkin)

{

// ARRIVAL STATUS

// ==============

setArrivalStatus();

}

// =======================================

// CALCULATE TOTAL NUMBER OF WORKING HOURS

// =======================================

if ($scope.activityName == $scope.activityChkout)

{

// The getTime() method returns the number of milliseconds between midnight of January 1, 1970 and the specified date.

var t2 = enTimeObj.getTime();

var t1 = stTimeObj.getTime();

// get result in hours (it will show in decimal if minutes are not zero)

var resInHrs;

resInHrs = parseInt((t2-t1)/(60\*1000))/60; // (60\*1000 - 60 seconds 1000 milliseconds) (/60 - divided by 60 minutes to show result in minutes

var result = resInHrs;

if (resInHrs % 1 !== 0) // if figure in decimal then change it to two decimal places

{ result = Number(resInHrs).toFixed(2); }

f6.value = result;

// =========================

// SHOW EMPLOYEE TIME STATUS

// =========================

// ARRIVAL STATUS

// ==============

setArrivalStatus();

// DEPARTURE STATUS

// ================

if (enTimeObj.getTime() > stLateSitTimeObj.getTime())

{ f8.value = "Overtime"; }

else if (enTimeObj.getTime() >= enDefTimeObj.getTime())

{ f8.value = "Left On Time"; }

else if (enTimeObj.getTime() < enDefTimeObj.getTime())

{ f8.value = "Left Early"; }

// when employee comes at 9 o clock or after 9 and total number of hours worked is greater than 9.50 (9 hrs 30 min)

// ... then this means late sitting/overtime, this will be more useful if start/end date is different

if (stTimeObj.getHours() >= 9 && f6.value > 9.50)

{ f8.value = "Overtime"; }

}