

**CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management &ERP**  
**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

## **Project: Payroll Integration Simulation**

**Instructor: Eng. Mahmoud Ahmed**

**Prepared By: MSDers Team**

**Safwan Zahran  
Eslam Abdрабو  
Ahmad Khalil  
Walaa Ismail**



## **Graduation project of MSDers Team**

### **Payroll Integration Simulation**

**Objective:** Link HR data with payroll processes.

#### **Scope:**

- Maintain worker salary details.
- Simulate payroll calculation using integrated module.
- Post payroll results to Finance.
- Generate payroll register reports.

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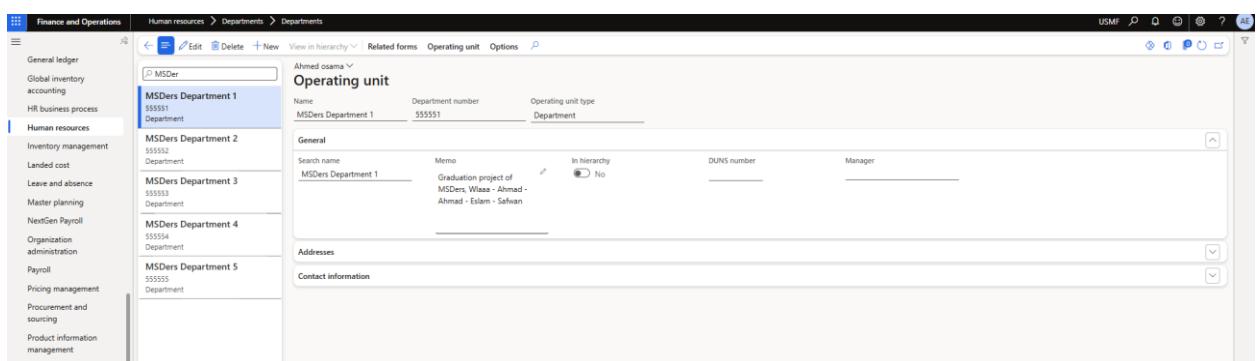
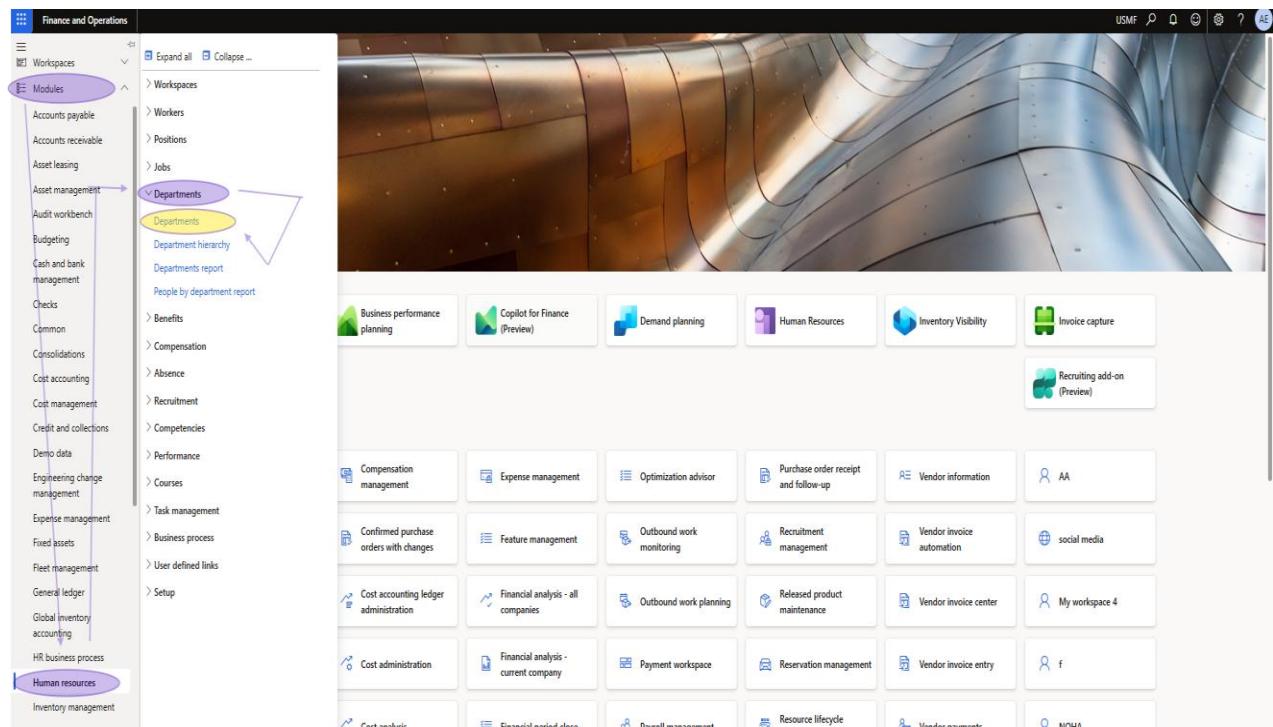
**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

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- Path: Human resources > Departments > Departments



- Path: Human resources > Setup > Employment categories

The screenshot shows the SAP Fiori Launchpad. The left sidebar under 'Finance and Operations' has 'Human resources' and 'Setup' highlighted with yellow circles. The main content area shows a tree view of 'Employment categories' with its sub-items: 'Worker type', 'Employment category', and 'Description'. The 'Employment categories' node is also highlighted with a yellow circle.

Worker type	Employment category	Description
Employee	MSDers Emp-Category 1	Graduation project of MSDers Team
Contractor	MSDers Emp-Category 2	Graduation project of MSDers Team

The screenshot shows the 'Employment categories' list page. The top navigation bar includes 'Save', '+ New', 'Delete', and 'Options'. The table displays two rows of data, each with a yellow oval highlighting a specific field: 'Worker type' (Employee), 'Employment category' (MSDers Emp-Category 1), and 'Description' (Graduation project of MSDers Team). The second row (Contractor) is also highlighted with a yellow oval.

Worker type	Employment category	Description
Employee	MSDers Emp-Category 1	Graduation project of MSDers Team
Contractor	MSDers Emp-Category 2	Graduation project of MSDers Team

- Path: Human resources > Setup > Employment types

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The screenshot shows the Microsoft Dynamics 365 interface for Finance and Operations. On the left, a navigation pane lists various modules under 'Modules'. A yellow circle highlights 'Human resources'. An arrow points from this circle down to the 'Employment types' section under 'Setup'. Another yellow circle highlights 'Employment types'. The main area displays a grid of cards for various business functions like Copilot for Finance, Demand planning, and Human Resources.

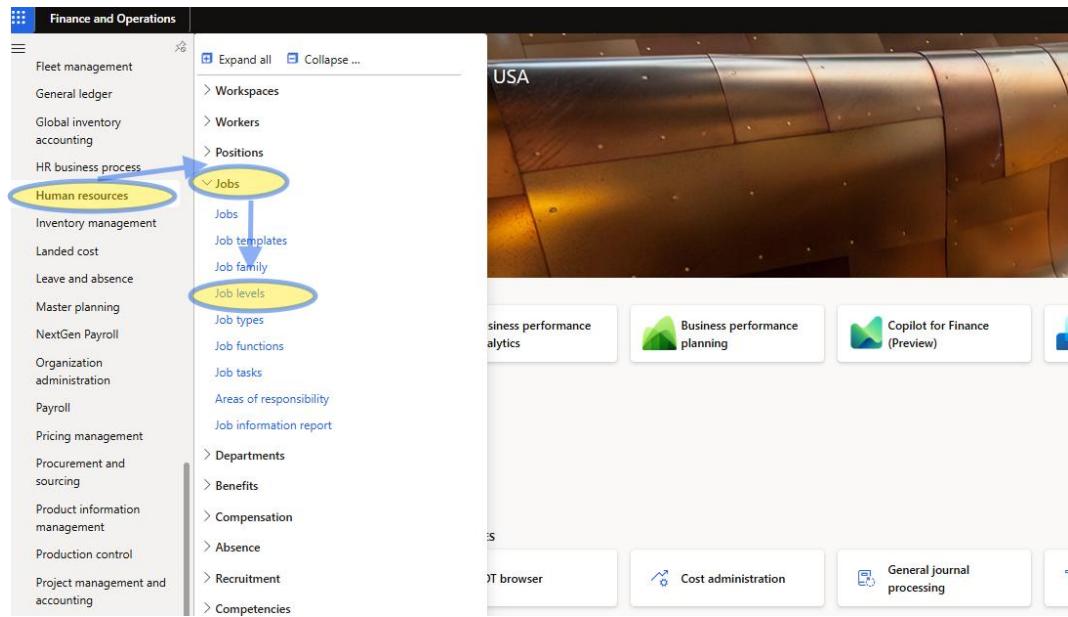
This screenshot shows the 'Employment types' page within the Human resources module. It features a standard view grid with columns for 'Employment type' and 'Description'. A yellow oval highlights the 'Employment type' column header. A second yellow oval highlights the 'MSDers Emp-Type 1' row, which is selected and has a blue background. The 'Description' for this row is 'Full Time - Graduation project of MSDers Team'.

Employment type	Description
MSDers Emp-Type 5	Top Management- Graduation project of MSDers Team
MSDers Emp-Type 4	Consultant -Graduation project of MSDers Team
MSDers Emp-Type 3	Contract - Graduation project of MSDers Team
MSDers Emp-Type 2	Part Time - Graduation project of MSDers Team
<b>MSDers Emp-Type 1</b>	<b>Full Time - Graduation project of MSDers Team</b>
ERP System Control	Contractor
Field	Field employees
Full Time	CAI3 Full Time

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management &ERP

Instructor: Eng. Mahmoud Ahmad      Prepared by: Safwan– Eslam– Ahmad – Walaa

### - Path: Human resources > Jobs > Job levels



The screenshot shows the 'Job levels' list view. The top navigation bar includes 'Save', 'New' (highlighted with a yellow oval), 'Delete', and 'Options'. The main area is titled 'Standard view' and contains a table with the following data:

Line ↑	Job level	Description	Minimum pay range	Maximum pay range	Increment minimum am...	Increment maximum am...
8.0	MSDers Job Level 2	Staff- Graduation project of MSDers Team	0.00	0.00	0.00	0.00
7.0	MSDers Job Level 1	Management- Graduation project of MSDers Team	0.00	0.00	0.00	0.00
1.0	Top Management	Management	200,000.00	500,000.00	0.00	0.00
2.0	Management	Management	90,000.00	200,000.00	0.00	0.00
3.0	Professional	Staff	3,000.00	100,000.00	0.00	0.00

- Path: Human resources > Jobs > Jobs

The screenshot shows the Microsoft Dynamics 365 interface. The left sidebar under 'Finance and Operations' has 'Human resources' highlighted with a yellow oval. Under 'Human resources', 'Jobs' is also highlighted with a yellow oval. The main content area shows a blurred background image of a train and two cards: 'Business performance analytics' and 'Copilot for Finance (Preview)'.

This screenshot shows the 'Jobs' form. The top bar includes buttons for Save, New, Delete, Copy from, ADA, Changes timeline, Options, and a search icon. The 'General' section contains fields for Job (labeled 'MSDers Job 1'), Description ('Graduation project of MSDers Team'), Title, Full-time equivalent (set to 1.00), and Maximum number of positions (set to Unlimited). A large blue oval highlights the 'Job' field and the 'Description' field. Another blue oval highlights the 'Full-time equivalent' field and the 'Maximum number of positions' section.

This screenshot shows the 'Titles' list view. The top bar includes buttons for Save, New, Delete, Options, and a search icon. The 'Standard view' section shows a table with columns for Title and Description. The first item in the list is 'MSDers Title 5 - Graduation project of MSDers Team'. A large blue oval highlights the 'Titles' filter and the first item in the list. Another blue oval highlights the 'Description' column header and the first item's description.

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**Job** | Standard view

**MSDers Job 1 : MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan**

**General**

Job: **MSDers Job 1**      Title: **MSDers Title 1**      Full-time equivalent: **1.00**

Maximum number of positions:  
 Maximum positions  
 Unlimited

**Description**

Job 1 -Graduation project of MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan

**Job classification**

Function: **MSDersFunction1**      Job Type: **MSDers JobType1**      Job Family: **MSDers Job Family 1**

**Compensation**

**Skills**

**Certificates**

**Tests**

**Education**

**Screenings**

**Job tasks**

**Areas of responsibility**

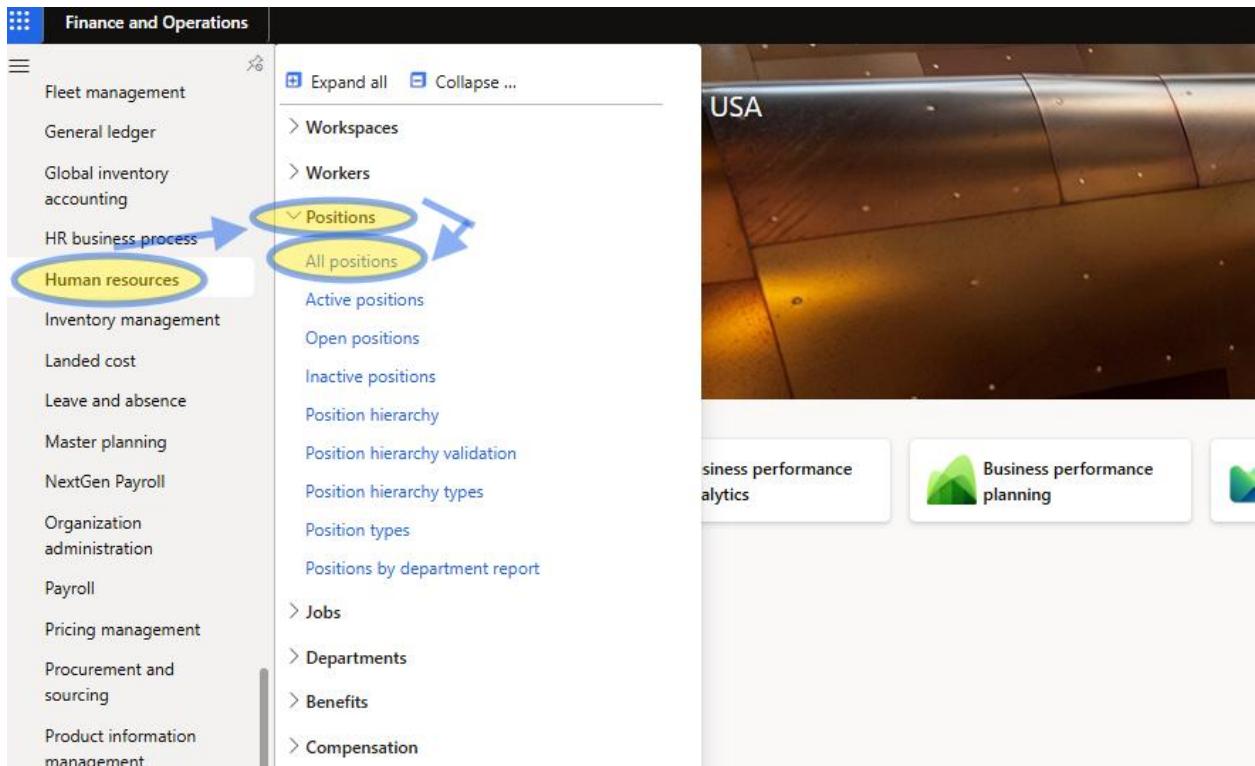
**Standard view \***

Job	Description	Title	Full-time equivalent	Job type	Function
MSDers Job 1	MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan	MSDers Title 1	1.00	MSDers JobType1	MSDersFunction1
MSDers Job 2	MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan	MSDers Title 2	1.00	MSDers JobType2	MSDersFunction2
MSDers Job 3	MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan	MSDers Title 3	1.00	MSDers JobType3	MSDersFunction3
MSDers Job 4	MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan	MSDers Title 4	1.00	MSDers JobType4	MSDersFunction4
MSDers Job 5	MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan	MSDers Title 5	1.00	MSDers JobType5	MSDersFunction5

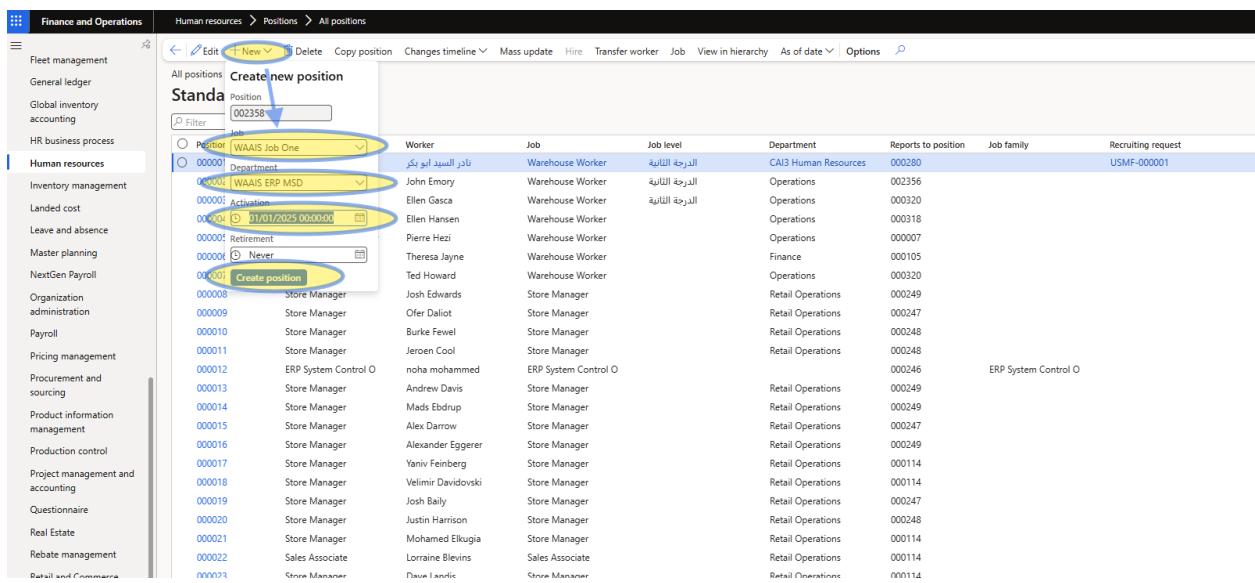
## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

- Path: Human resources > Positions > All positions



The screenshot shows the SAP Fiori Launchpad. On the left, there's a navigation tree under 'Finance and Operations' with various modules like Fleet management, General ledger, etc. The 'Human resources' module is highlighted with a blue oval. A blue arrow points from the 'Human resources' node to the 'Positions' node in the main content area. The 'Positions' node is also highlighted with a yellow oval. Another blue arrow points from the 'Positions' node to the 'All positions' node. The 'All positions' node is also highlighted with a yellow oval. Other options shown include Active positions, Open positions, Inactive positions, Position hierarchy, Position hierarchy validation, Position hierarchy types, Position types, Positions by department report, Jobs, Departments, Benefits, and Compensation.



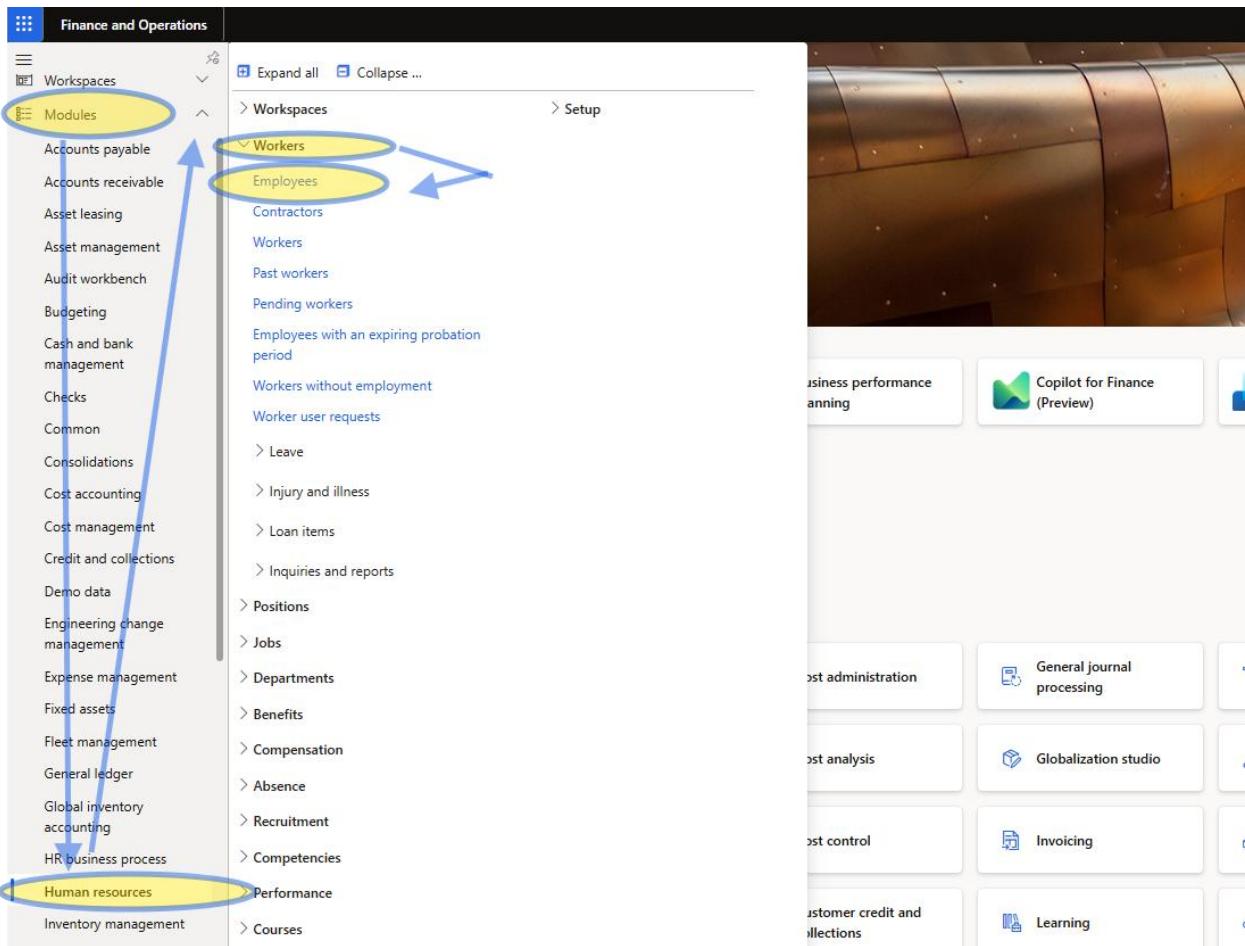
The screenshot shows the 'Create new position' screen in the SAP Fiori application. The top bar shows 'Human resources > Positions > All positions'. The main area has a form with fields: Position (WAAIS Job One), Department (WAAIS ERP MSD), Activation (01/01/2025 00:00:00), Retirement (Never), and a 'Create position' button. Below the form is a table listing workers with their details: Worker (Name), Job (Job Title), Job level (Grade), Department (Department), Reports to position (Manager), Job family (Job Family), and Recruiting request (Recruiting Request). The table includes rows for John Emory, Ellen Gasca, Ellen Hansen, Pierre Hezi, Theresa Jayne, Ted Howard, Josh Edwards, Ofer Dalot, Burke Fewel, Jeroen Cool, noha mohammed, Andrew Davis, Mads Ebdrup, Alex Darow, Alexander Eggerer, Yaniv Feinberg, Velimir Davidovski, Josh Baly, Justin Harrison, Mohamed Elkugia, Lorraine Blevins, and Davis Landrie.

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# of rows
31 rows

- Path: Human resources > Workers > Employees



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The screenshot shows the Microsoft Dynamics 365 Human Resources interface. On the left, the 'Employees (Active)' list is displayed in 'Standard view'. A specific employee, 'MSDers Employee Worker 1', is selected. On the right, a 'Hire new worker' dialog is open, showing fields for 'Name' (First name: MSDers, Middle name: Employee, Last name: Worker 1), 'Details' (Legal entity: USMF, National ID: 123456789, Employee number: 12345551, Employment start date: 01/01/2023, Employment end date: Never), and 'Position details' (Position: 0002373, Position title: MSDers Title 1, Assignment start: 01/01/2023, Assignment end: Never). Other tabs like 'Onboarding checklists' and 'Address books' are also visible.

The screenshot shows the Microsoft Dynamics 365 Human Resources interface. On the left, the 'Employees (Active)' list is displayed in 'Standard view', showing several entries including 'MSDers Employee Worker 1' through 'MSDers Employee Worker 5'. On the right, a detailed view of 'MSDers Employee Worker 1' is shown. The top section displays basic information: Name (MSDers Employee Worker 1), Job (MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan), Job level (Job level 1), Employee status (Employed), and Location. Below this, the 'Worker summary' section contains fields for personnel number (555551), seniority date, sort order (0), works from home (No), office address, language (en-us), and other information. The 'Name details' section shows first name (MSDers), middle name (Employee), last name prefix, last name (Worker 1), known as (MSDers Employee Worker 1), personal title, and personal suffix. The 'Addresses' section is partially visible at the bottom.

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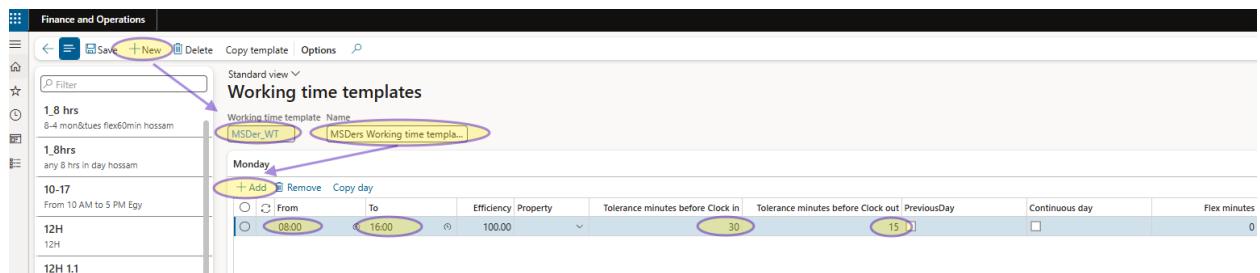
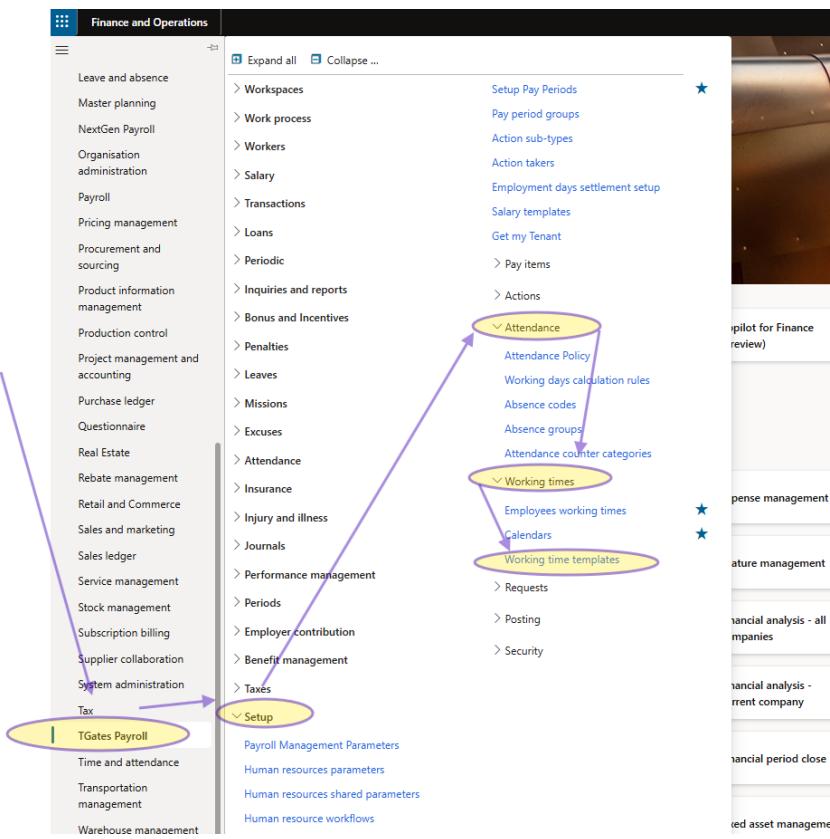
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The screenshot shows the Microsoft Dynamics 365 Human Resources application. The top navigation bar includes 'Finance and Operations', 'Human resources', 'Workers', and 'Employees'. The main title is 'MSDers Employee Worker 1 555551'. Below the title, it says 'Account Manager - BS - Employee' and 'Contoso Entertainment System USA'. On the right, there are filters for 'Job level', 'Employee Status', and 'Location'. The main content area is titled 'Employees (Active) | Standard view' and shows a table of employee assignments. A yellow circle highlights the 'Positions' tab in the navigation bar above the table. The table columns include: Assignment type, Status, Position, Description, Job level, Family, Department, Primary position, Assignment start, Assignment end, Reason code, and Active. The data in the table is as follows:

Assignment type	Status	Position	Description	Job level	Family	Department	Primary position	Assignment start	Assignment end	Reason code	Active
Employment	Active	000630	Account Manager	BS	المجموعة الفنية للوظائف المخصصة	الدرجة الثانية	Account Manager	26/10/2025	26/10/2025		
Employment	Active	000642	Controller	BS	المجموعة العامة للوظائف المخصصة	IT Department		26/10/2025	26/10/2025		
Employment	Active	000685	مدير موارد بشرية	BS	المجموعة العامة للوظائف المخصصة	Human Resources		26/10/2025	26/10/2025		
Employment	Active	002380	MSDers_Walaa_Ahmad_Ahmad_Eslam_Safwan Position 1	MSDers Job Family 1	MSDers Department 1	Yes	MSDers Department 1	26/10/2025	Never		
Employment	Past	002373	MSDers_Walaa_Ahmad_Ahmad_Eslam_Safwan Position 1	MSDers Job Family 1	MSDers Department 1		MSDers Department 1	01/01/2025	31/01/2025		

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**Finance and Operations**

**Working time templates**

**MSDer.WT** **MSDers Working time template...**

**Monday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance minutes before Clock in	Tolerance minutes before Clock out	PreviousDay	Continuous day
<input type="radio"/>	08:00	16:00	(%)	100.00		30	15	<input type="checkbox"/>

Closed for pickup  No Hours 8.00

**Tuesday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Wednesday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Thursday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Saturday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Sunday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Copy day**

From weeklyday **Monday** To weeklyday **Tuesday**  No

**OK** **Cancel**

**Standard view ▾**

## Working time templates

Working time template Name **MSDer.WT** **MSDers Working time template...**

**Tuesday**

**Wednesday**

**Thursday**

**Friday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Saturday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Sunday**

+ Add  Remove  Copy day

<input type="radio"/>	From	To	Efficiency	Property	Tolerance ...	Tolerance ...	PreviousDay	Continuous...	Flex minutes
<input type="radio"/>									

We didn't find anything to show here.

**Closed for pickup**

No Hours 8.00

**Closed for pickup**

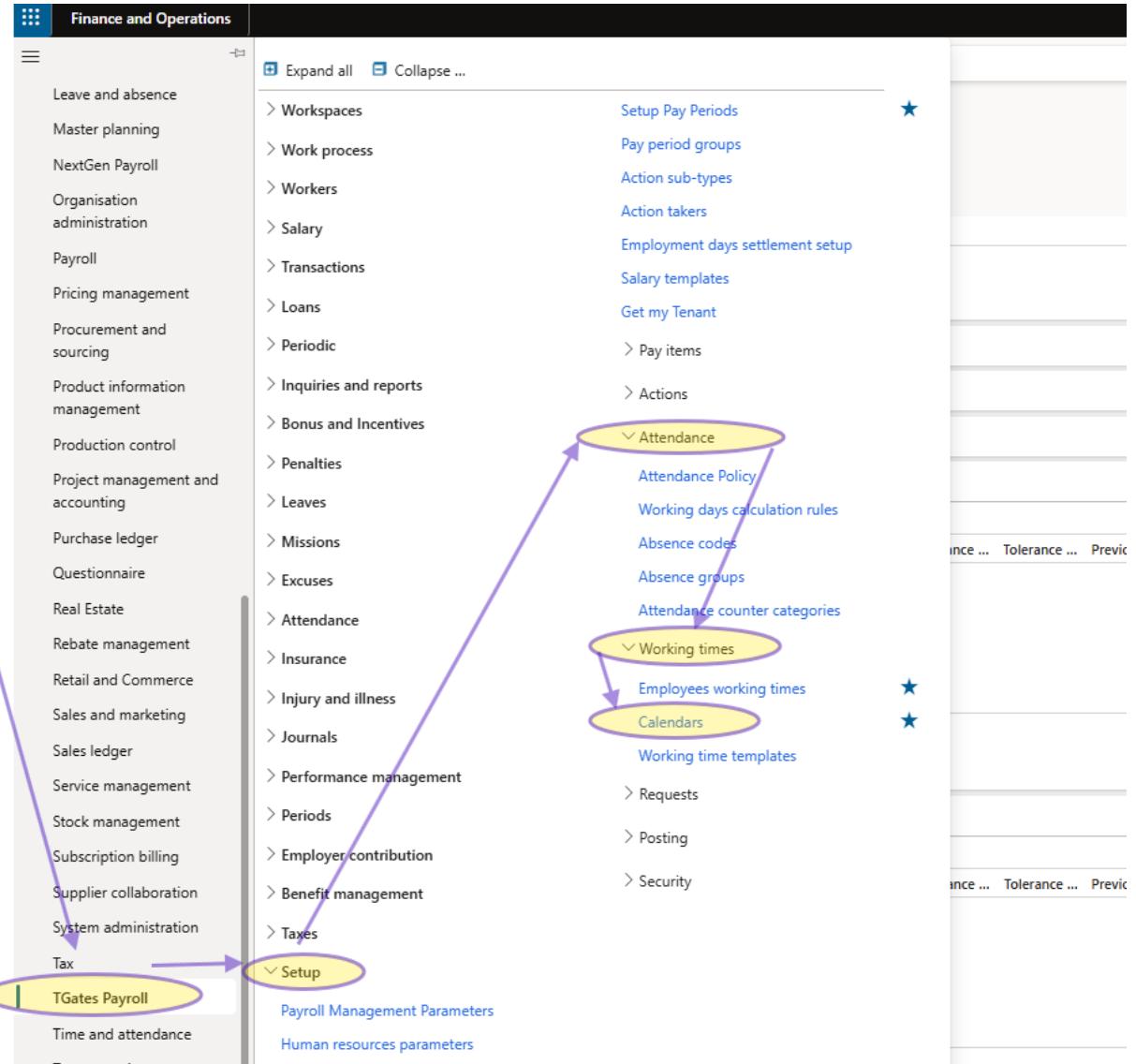
Yes Hours

**Closed for pickup**

Yes Hours

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Working time calendars

Standard view ▾

Calendar	Name	Flex hours	Calculate tolerance minutes	Counter category Id	Base calendar
MSDer_8-16					
1_8hrs	From 8 AM to 4 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
1_8hrs shi	3 shift 8 hrs a day	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1_shift 8		<input type="checkbox"/>	<input type="checkbox"/>		
1_shift 8h	3 shift 8 hrs a day	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
10-17	From 10 AM to 5 PM Egy	<input type="checkbox"/>	<input type="checkbox"/>		
12Hr-Day	12Hr-Day	<input type="checkbox"/>	<input type="checkbox"/>		
24 HOURS	24 HOURS	<input type="checkbox"/>	<input type="checkbox"/>		
24hr	Production 24hr	<input type="checkbox"/>	<input type="checkbox"/>		
8 H Eslam	From 8 AM to 4 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
8 h eslam2	From 08 Am to 04 AM	<input type="checkbox"/>	<input type="checkbox"/>		

Working times Copy calendar Options

Context menu for Counter category Id:

- Form information
- Personalise: Counter category Id
- Export all rows
- Export marked rows
- Insert columns...
- Group by this column
- Freeze column
- Hide this column
- View shortcuts
- View details** (highlighted)

Finance and Operations T Gates Payroll > Setup > Attendance > Working times > Calendars

Options

Standard view ▾

**Attendance counter categories**

Counter category Id	Description
MSDer_Attendance ...	Attendance counter categori...

Late categories

CATEGORY 1	CATEGORY 2	CATEGORY 3
From [08:00]	From [08:31]	From [00:00]
To [16:00]	To [15:45]	To [00:00]

Finance and Operations T Gates Payroll > Setup > Attendance > Working times > Calendars

**Working times** Copy calendar Options

Working time calendars

Standard view ▾

Calendar	Name	Flex hours	Calculate tolerance minutes	Counter category Id	Base calendar
MSDer_8-16	MSDers Calendar, 8 AM-4PM,	<input type="checkbox"/>	<input checked="" type="checkbox"/>	MSDer_Attendance Counter	
1_8hrs	From 8 AM to 4 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
1_8hrs shi	3 shift 8 hrs a day	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
1_shift 8		<input type="checkbox"/>	<input type="checkbox"/>		
1_shift 8h	3 shift 8 hrs a day	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

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Finance and Operations | TGates Payroll > Setup > Attendance > Working times > Calendars

**Compose working times**

Working times | MSDer\_8-16 : MSDers Calender, 8 AM-4PM,

**Standard view**

**Working days**

Date	Day	Week	Month	Control	Closed for pickup
------	-----	------	-------	---------	-------------------

Finance and Operations | TGates Payroll > Setup > Attendance > Working times > Calendars

**Compose working times**

Parameters

- Calendar: MSDer\_8-16
- From date: 01/01/2025
- To date: 31/12/2029
- Use base calendar: No
- Working time template: MSDer\_WT

Run in the background

Recurrence Alerts

Batch processing: No

Task description: Compose working times

Batch group:

Private: No

Critical Job: No

Monitoring category: Undefined

Start date: 05/11/2023 (21:47:20) (GMT) Coordinated Universal Time

**OK** **Cancel**

Finance and Operations | TGates Payroll > Setup > Attendance > Working times > Calendars

Leave days for the selected date have been refreshed

**Compose working times**

Working times | MSDer\_8-16 : MSDers Calender, 8 AM-4PM,

**Standard view**

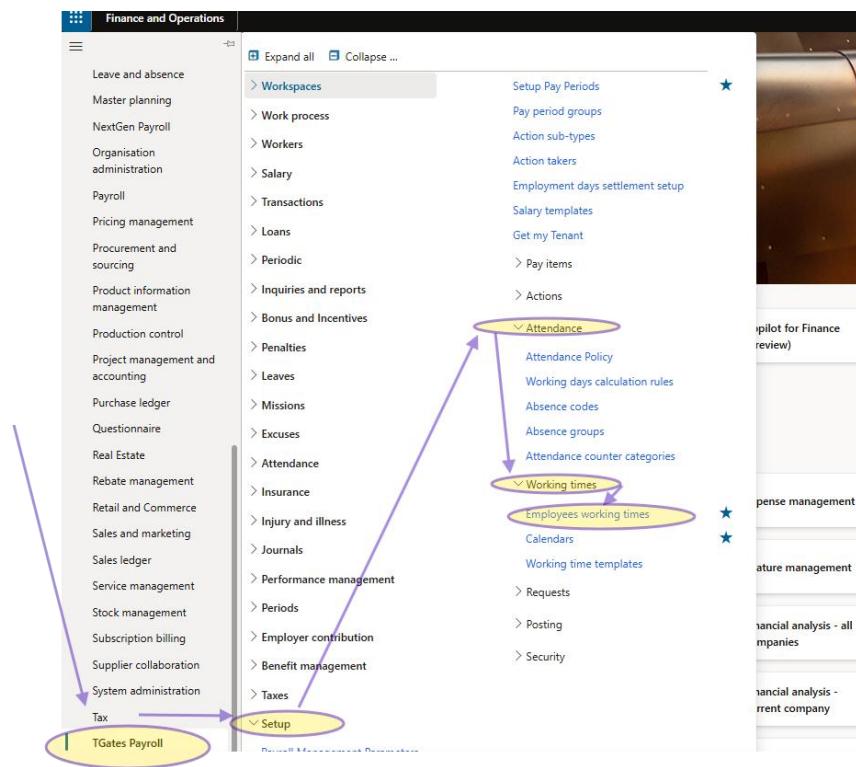
**Working days**

Date	Day	Week	Month	Control	Closed for pickup
06/10/2025	Monday	41	October	Holiday	<input checked="" type="checkbox"/>
07/10/2025	Tuesday	41	October	Open	
08/10/2025	Wednesday	41	October	Open	
09/10/2025	Thursday	41	October	Open	
10/10/2025	Friday	41	October	Closed	<input checked="" type="checkbox"/>
11/10/2025	Saturday	41	October	Closed	<input checked="" type="checkbox"/>
12/10/2025	Sunday	41	October	Open	
13/10/2025	Monday	42	October	Open	
14/10/2025	Tuesday	42	October	Open	
15/10/2025	Wednesday	42	October	Open	
16/10/2025	Thursday	42	October	Open	
17/10/2025	Friday	42	October	Closed	<input checked="" type="checkbox"/>

Total: 1548 rows

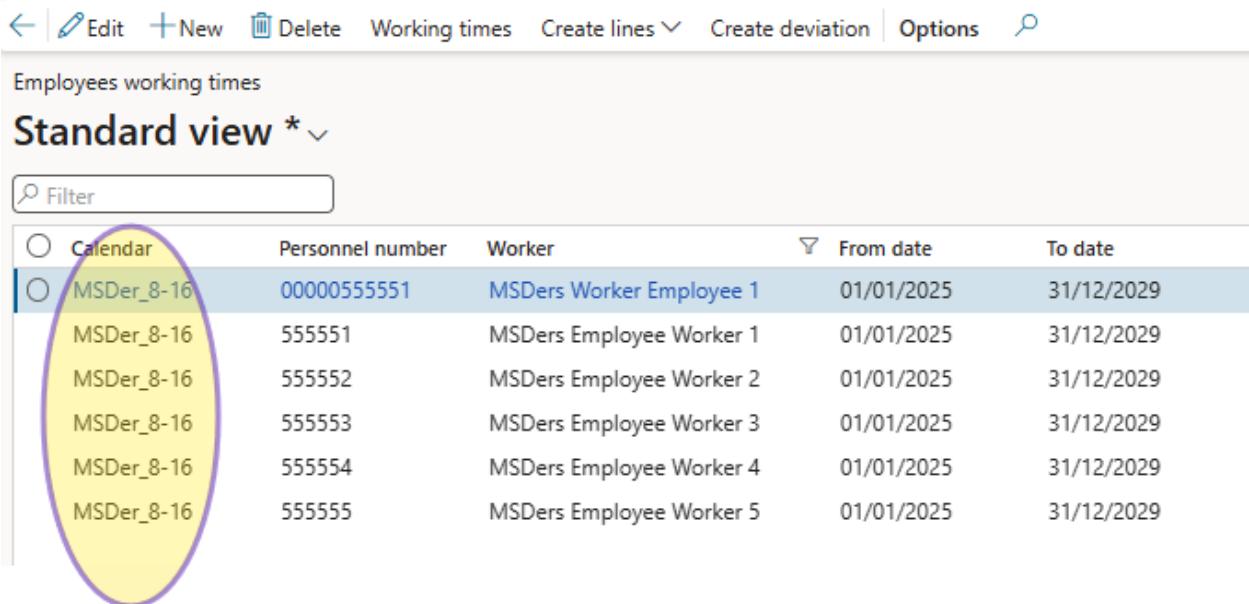
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The screenshot shows the 'Employees working times' list page. The 'Create lines' button is highlighted with a yellow oval. Several fields in the 'Create lines' dialog are also highlighted with yellow ovals: 'Calendar' (MSDer\_8-16), 'From date' (01/01/2025), 'To date' (31/12/2029), 'Valid for workers' (All), and the 'OK' button.

Calendar	Personnel number	From date	To date
24 HOURS	00001	01/01/2025	31/12/2025
Safw1Z_8hr	00003	31/12/2029	31/12/2025
Safw1Z_8hr	00002		31/12/2025
Safw1Z_8hr	00005	All	31/12/2025
Safw1Z_8hr	00006	OK	31/12/2025
Safw1Z_8hr	00007	Sara Inomas	31/12/2025
Safw1Z_8hr	00008	Pierre Hezi	31/12/2025
Safw1Z_8hr	00009	Takashi Andrews	31/12/2025
Safw1Z_8hr	000013	Lars Giusti	31/12/2025
Safw1Z_8hr	000012	Inga Numadutir	31/12/2025
Safw1Z_8hr	000011	Mia Vanclooster	31/12/2025
Safw1Z_8hr	000010	Ellen Gasca	31/12/2025
Safw1Z_8hr	000015	Terrence Dorsey	31/12/2025

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The screenshot shows a SAP ERP interface for managing employee working times. The title bar includes navigation icons like back, edit, new, delete, and search, along with menu options for working times, creating lines, creating deviations, and options.

The main area displays a table titled "Employees working times" in "Standard view". The table has columns: Calendar, Personnel number, Worker, From date, and To date. The first row, which is highlighted with a purple oval, represents a calendar entry for "MSDer\_8-16" with personnel number "0000055551" and worker "MSDers Worker Employee 1", spanning from "01/01/2025" to "31/12/2029". Subsequent rows list five employees ("MSDer\_8-16") with personnel numbers 555551 through 555555, each assigned to a different worker and sharing the same date range.

Calendar	Personnel number	Worker	From date	To date
MSDer_8-16	0000055551	MSDers Worker Employee 1	01/01/2025	31/12/2029
MSDer_8-16	555551	MSDers Employee Worker 1	01/01/2025	31/12/2029
MSDer_8-16	555552	MSDers Employee Worker 2	01/01/2025	31/12/2029
MSDer_8-16	555553	MSDers Employee Worker 3	01/01/2025	31/12/2029
MSDer_8-16	555554	MSDers Employee Worker 4	01/01/2025	31/12/2029
MSDer_8-16	555555	MSDers Employee Worker 5	01/01/2025	31/12/2029

## TGates payroll > Setup > Setup pay periods

**Pay Periods**

Pay code	Description	Pay period type
MSDers_Basic_Salary	MSDers Pay Period	Periodic

**FREQUENCY**

Period: Month

**CALCULATE**

- Salary Entry: Yes
- Allowances: Yes
- Insurance: Yes

**Period codes**

From date: 01/01/2025 To date: 31/12/2030

**Generate period codes**

From date: 01/01/2025 To date: 31/12/2030

Frequency: Per Month

Pay period type: Periodic

**Pay Periods**

Pay code	Description	Pay period type
MSDers_Basic_Salary	MSDers Pay Period	Periodic

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

Period code	From date	To date	Payroll calculated	Status
1	01/01/2025	31/01/2025	<input type="checkbox"/>	None
2	01/02/2025	28/02/2025		None
3	01/03/2025	31/03/2025		None
4	01/04/2025	30/04/2025		None
5	01/05/2025	31/05/2025		None
6	01/06/2025	30/06/2025		None
Total				

Standard view ▾ Pay Periods

Pay code: MSDers\_Basic Salary Description: MSDers Pay Period Pay period type: Periodic

Setup

**FREQUENCY**  
Per: 1  
Unit: Months

**CALCULATE**  
Salary Entry: Yes  
Allowances: Yes  
Insurance: Yes  
Salary Plans: Yes

Variable Entries: Yes  
Loans: Yes  
Bonus: No  
Incentives: No  
Leaves: No  
Medical and treatment: No  
Missions: No

Compensation fixed plans: No  
Settle employment days: No  
External: Yes  
Chargeable days calculation rule: Actual month days

Tax method: Regular  
Proportional tax update: Highest

**MISCELLANEOUS**  
Filter title: MSDers\_Filter Title  
External code:  
Pay period group ID: MSDers Group ID  
Sorting: 0

**SECONDARY CURRENCY ALLOCATION**  
Allocation method: All to secondary  
Percent: 0.00  
Group ID: MSDers\_Addition

**DUE JOURNAL APPROVAL**  
Workflow: No  
Workflow ID:

**DUAL CURRENCY**  
Enable dual currency feature: Yes  
Secondary currency: USD  
Exchange rate type: Constant

Standard view ▾ Pay Periods

Pay code: SafwIZ\_P\_Period\_NonP Description: Sep 4, 2025 Session, ٤,٢٠٢٥,٤,٢٠٢٥ Pay period type: Non-periodic

Setup

**CALCULATE**  
Salary Entry: No  
Allowances: No  
Insurance: Yes  
Salary Plans: No

Variable Entries: No  
Loans: No  
Bonus: No  
Incentives: No  
Leaves: No

Medical and treatment: No  
Missions: No

External: No  
Settle employment days: No

Compensation fixed plans: No  
Chargeable days calculation rule: 30 days

**TAX CALCULATION**  
Tax: Yes  
Stamp: Yes

**MISCELLANEOUS**  
Tax method: Regular  
Proportional tax update: None

**DUAL CURRENCY**  
Enable dual currency feature: No

**DUE JOURNAL APPROVAL**  
Workflow: No  
Workflow ID:

**PAY PERIOD GROUP**  
Pay period group ID: Supplemental  
External code: VendPay  
Sorting: 0

**PERIOD CODES**  
+ Add line Remove Calculate Cancel

Period code	From date	To date	Payroll calculated	Status
1	07/09/2025	11/09/2025		None

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

### TGates payroll > Setup > Pay item > Pay item groups

The screenshot shows the 'Pay item groups' screen in the TGates Payroll setup. A new pay item group named 'MSDers\_Addition' is being created. The 'Group ID' field contains 'MSDers\_Addition' and the 'Description' field contains 'Pay item groups - Graduation project...'. The 'Associated Salary Items' section shows a single item 'MSDers\_Payitem\_Addition' with the description 'Addition Pay Item - Graduation project...'.

The screenshot shows the 'Pay item groups' screen in the TGates Payroll setup. A new pay item group named 'MSDers\_Deduction' is being created. The 'Group ID' field contains 'MSDers\_Deduction' and the 'Description' field contains 'Deduction - Graduation project...'. The 'Associated Salary Items' section shows a single item 'MSDers\_Payitem\_Deduction' with the description 'Pay Item - Deduction - Graduation project of MSDers'.

### TGates payroll > Setup > Pay items > Pay items

The screenshot shows the 'Pay items' screen in the TGates Payroll setup. A new pay item named 'MSDers\_Payitem\_Addition' is being created. The 'Item ID' field contains 'MSDers\_Payitem\_Addition', the 'Description' field contains 'Addition Pay Item - Graduation project...', and the 'Group ID' field contains 'MSDers\_Addition'. The 'General' tab settings include 'CALCULATION' set to 'Constant', 'TAX' set to 'Calculate taxes No', 'MISCELLANEOUS' set to 'Currency EGP', and 'OVERRIDE SETTINGS' set to 'Override source type No'. The 'Pay item groups' section shows the group 'MSDers\_Addition' selected.

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

**Pay items**

Item ID	Description	Search name	Group ID	Suspended
MSDers_PayItem_Deduction	Pay Item - Deduction - Graduation project of MSDers	Graduation project of MSDers	MSDers_Deduction	No

**General**

<b>CALCULATION</b>	<b>TAX</b>	<b>POSTING</b>	<b>MISCELLANEOUS</b>	<b>OVERRIDE SETTINGS</b>
Calc. Method <input checked="" type="radio"/> Constant	Calculate taxes <input checked="" type="radio"/> No	Account type <input checked="" type="radio"/> Ledger	Basic <input checked="" type="radio"/> No	Filter title MSDers Filter Title
Calc.type <input checked="" type="radio"/> Deduction	Do not exceed max exempted a... <input checked="" type="radio"/> No	Account	Hidden <input checked="" type="radio"/> No	Tax code
Calculate insurance <input checked="" type="radio"/> No	Base Calc. <input checked="" type="radio"/> No	Currency EGP	sort 0.00	External code
Based on chargeable days <input checked="" type="radio"/> No				Employer contribution <input checked="" type="radio"/> No

**Pay item groups**

+ Add line	Remove	
Group ID	Description	Default
MSDers_Deduction	Deduction - Graduation p...	

## T'Gates payroll > Setup > Pay items > Pay items > Calculation

**Pay items**

Item ID	Description	Search name	Group ID	Suspended
MSDers_PayItem_Deduction	Pay item Deduction Variable	MSDers_PayItem_Deduction	MSDers_Deduction	No

**General**

<b>CALCULATION</b>	<b>TAX</b>	<b>POSTING</b>	<b>MISCELLANEOUS</b>	<b>OVERRIDE SETTINGS</b>
Calc. Method <input checked="" type="radio"/> Variable	Calculate taxes <input checked="" type="radio"/> No	Account type <input checked="" type="radio"/> Ledger	Hidden <input checked="" type="radio"/> No	Variable   Deduction
Calc.type <input checked="" type="radio"/> Deduction	Do not exceed max exempted a... <input checked="" type="radio"/> No	Account 110105--	sort 0.00	Override source type <input checked="" type="radio"/> No
Calculate insurance <input checked="" type="radio"/> No	Base Calc.	Currency EGP	Filter title MSDers Filter Title	Employer contribution <input checked="" type="radio"/> No

**Pay item groups**

+ Add line	Remove	
Group ID	Description	Default
MSDers_Deduction	Pay item groups - Deduct...	

**Accounting**

**Financial dimensions**

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

**Finance and Operations**    TGates Payroll > Setup > Pay Items > Pay Items

**MSDers\_PItem\_Calc\_Hourly...**

**Pay Item Calculation**

Calculation ID	Description	Item ID
MSDers_PItem_Calc_Hourly...	Hourly Deduction Pay Item Calc...	(MSDers_PI_Ded_Variable)

**General**

<b>CALCULATION</b>	Hour factor	<b>LIMIT</b>
Calc. Output Hourly	1.00	Max. Amount 0.00
Update amount from source <input checked="" type="checkbox"/> No		Min. Amount 0.00

**Calculation Details**

+ Add line	Remove	Line num...	Valid for	Item ID	Group ID	Percent	Operator	Original amount
		1.00	Table	*		0.00	+	

**Finance and Operations**    TGates Payroll > Setup > Pay Items > Pay Items

**Standard view**

**Pay items**

Item ID	Description	Search name	Group ID	Suspended
MSder_PI_Var_Add_AmountCalc...	Variable Pay Item,AmountCalc,Addition...	Variable_PItem_AmountCalc...	MSDers_Addition	<input checked="" type="checkbox"/> No

**General**

<b>CALCULATION</b>	<b>TAX</b>	<b>MISCELLANEOUS</b>	<b>HIDDEN</b>	<b>TAX CODE</b>
Calc. Method Variable	Calculate taxes <input checked="" type="checkbox"/> No	Currency EGP	Hidden <input checked="" type="checkbox"/> No	External code
Calc. type Addition		Basic	sort 0.00	
Calculate insurance <input checked="" type="checkbox"/> No	Account type Ledger	Filter title MSDers_Filter Title		
	Account			

**Pay item groups**

## To Test Calculations

The screenshot shows the SAP Fiori interface for Finance and Operations. The sidebar navigation includes:

- Human resources
- Inventory management
- Landed cost
- Leave and absence
- Master planning
- NextGen Payroll
- Organization administration
- Payroll
- Pricing management
- Procurement and sourcing
- Product information management
- Production control
- Project management and accounting
- Questionnaire
- Real Estate
- Rebate management
- Retail and Commerce
- Sales and marketing
- Service management
- Subscription billing
- System administration
- Tax
- TGates Payroll**
- Time and attendance
- Transportation

The main content area displays a list of transactions under the "Transactions" category, with "Variable Entries" highlighted. To the right, there are several cards for business performance planning and copilot features.

In the bottom-left corner, a detailed view of a "Variable Entries" transaction for "MSDers\_Basic Salary : 9" is shown. The transaction details include:

Entry batch number	USMF-0000000129	Description	Test Variable - Graduation pr...	Pay code	MSDers_Basic Salary	Period code	9	Transaction type	Manual	Approval Status	Pending	Period ID	
--------------------	-----------------	-------------	----------------------------------	----------	---------------------	-------------	---	------------------	--------	-----------------	---------	-----------	--

The "Lines" tab shows a table of calculation items:

Item ID	Calculation ID	Days	Hours	Amount in...	Reference pay code	Reference Period C...	Currency	Descript
msd	*	0	0.00	MSDers_Basic ...	9			
MSder_P_Var_Add_AmountCalc	Variable_P_Item_AmountC...	MSDers_Addition	Variable	Addition				
MSder_P_Var_Add_HourlyCalc	Variable_P_Item_HourlyCal...	MSDers_Addition	Variable	Addition				
MSder_P_Var_Ded_Amount	Variable_P_Item_AmountC...	MSDers_Deduction	Variable	Deduction				
MSDers_P_Ded_Variable	Variable_P_Item_HourCalc...	MSDers_Deduction	Variable	Deduction				

The table has 4 rows.

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

**MSDers\_Basic Salary :**

General																						
Entry batch number USMF-0000000129	Description Test Variable - Graduation pr...	Pay code MSDers_Basic Salary	Period code 9	Transaction type Manual	Approval Status Pending	Period ID	Payroll calculated <input checked="" type="checkbox"/> No															
<b>Lines</b>																						
<input type="button" value="+ Add line"/> <input type="button" value="Create lines"/> <input type="button" value="Remove"/> <input type="button" value="Approval"/> <table border="1"> <tr> <td><input type="radio"/></td> <td>Date 29/10/2025</td> <td>Personnel number 555551</td> <td>Worker MSDers Employee Worker 1</td> <td>Item ID MSder_Pi_Var_Add_AmountCalc</td> <td>Calculation ID MSDers_AmountCalc_P_item_Add</td> <td>Days 0</td> <td>Hours 500.00</td> <td>Amount in... Reference pay code MSDers_Basic Salary</td> <td>Reference Period C... 9</td> <td>Currency EGP</td> <td>Description</td> <td>Action ID</td> </tr> </table>										<input type="radio"/>	Date 29/10/2025	Personnel number 555551	Worker MSDers Employee Worker 1	Item ID MSder_Pi_Var_Add_AmountCalc	Calculation ID MSDers_AmountCalc_P_item_Add	Days 0	Hours 500.00	Amount in... Reference pay code MSDers_Basic Salary	Reference Period C... 9	Currency EGP	Description	Action ID
<input type="radio"/>	Date 29/10/2025	Personnel number 555551	Worker MSDers Employee Worker 1	Item ID MSder_Pi_Var_Add_AmountCalc	Calculation ID MSDers_AmountCalc_P_item_Add	Days 0	Hours 500.00	Amount in... Reference pay code MSDers_Basic Salary	Reference Period C... 9	Currency EGP	Description	Action ID										

**MSDers\_Basic Salary : 9**

General																						
Entry batch number USMF-0000000130	Description Hourly Variable Test Graduati...	Pay code MSDers_Basic Salary	Period code 9	Transaction type Manual	Approval Status Pending	Period ID	Payroll calculated <input checked="" type="checkbox"/> No															
<b>Lines</b>																						
<input type="button" value="+ Add line"/> <input type="button" value="Create lines"/> <input type="button" value="Remove"/> <input type="button" value="Approval"/> <table border="1"> <tr> <td><input type="radio"/></td> <td>Date 29/10/2025</td> <td>Personnel number 555551</td> <td>Worker MSDers Employee Worker 1</td> <td>Item ID MSder_Pl_Var_Add_HourlyCalc</td> <td>Calculation ID MSDers_HourlyCalc_P_item_Add</td> <td>Days 0</td> <td>Hours 48.000000</td> <td>Amount in... Reference pay code MSDers_Basic Salary</td> <td>Reference Period C... 9</td> <td>Currency EGP</td> <td>Description</td> <td>Action ID</td> </tr> </table>										<input type="radio"/>	Date 29/10/2025	Personnel number 555551	Worker MSDers Employee Worker 1	Item ID MSder_Pl_Var_Add_HourlyCalc	Calculation ID MSDers_HourlyCalc_P_item_Add	Days 0	Hours 48.000000	Amount in... Reference pay code MSDers_Basic Salary	Reference Period C... 9	Currency EGP	Description	Action ID
<input type="radio"/>	Date 29/10/2025	Personnel number 555551	Worker MSDers Employee Worker 1	Item ID MSder_Pl_Var_Add_HourlyCalc	Calculation ID MSDers_HourlyCalc_P_item_Add	Days 0	Hours 48.000000	Amount in... Reference pay code MSDers_Basic Salary	Reference Period C... 9	Currency EGP	Description	Action ID										

**Standard view \***

Transaction type									
<input type="button" value="Filter"/>									
<input type="radio"/>	Entry batch number	Description	Pay code	Period code	Transaction type	Approval Status	Period ID	Payroll calculated	
<input type="radio"/>	USMF-0000000130	Hourly Variable Test Graduation project of MSDers,	MSDers_Basic Salary	9	Manual	Pending		<input type="checkbox"/>	
<input type="radio"/>	USMF-0000000129	Test Variable - Graduation project of MSDers	MSDers_Basic Salary	9	Manual	Approved			
<input type="radio"/>	USMF-0000000128	test	Basic salary - 2025	10	Manual	Approved			
<input type="radio"/>	USMF-0000000119		KHF Salary	10	Manual	Pending			

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

### TGates payroll > Salary > Salary entry

The screenshot shows the SAP Fiori Launchpad with the following navigation path highlighted with yellow circles:

- Finance and Operations
- Human resources
- Inventory management
- Landed cost
- Leave and absence
- Master planning
- TGates Payroll**
- Salary**
- Salary Entry**
- Employees salary lines
- Allowances
- Salary Plans
- Transactions
- Loans
- Periodic
- Inquiries and reports
- Bonus and Incentives
- Penalties
- Leaves
- Missions
- Excuses
- Attendance
- Insurance
- Injury and illness
- Journals
- Performance management
- Periods
- Employer contribution
- Benefit management

On the right side, there are several icons representing different business areas: Busi plan, Com man, Conf orde, Cost adm, Cost, and Cost.

The 'Salary Entry' screen displays the following details for the first employee:

Line ID	Description	Amount	Currency	Base Calc.	Suspended	Basic	Calc. type	Action number	Reference
MSDers_Basic_Salary	MSDers_Basic_Salary, Graduation project of MSDers, Pay Item - Constant Addition, Graduation project of MSDers,	30,000.00	EGP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Addition		
MSDers_Constant_Addition	Pay Item - Constant Addition, Graduation project of MSDers,	5,000.00	EGP	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Addition		
MSDers_Constant_Deduction	Constant Deduction - Graduation project of MSDers,	2,000.00	EGP	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Deduction		

The 'Salary Entry' screen has a toolbar at the top with various buttons. One button, labeled 'OPEN IN EXCEL', is highlighted with a yellow circle. A purple arrow points from the bottom right towards this button.

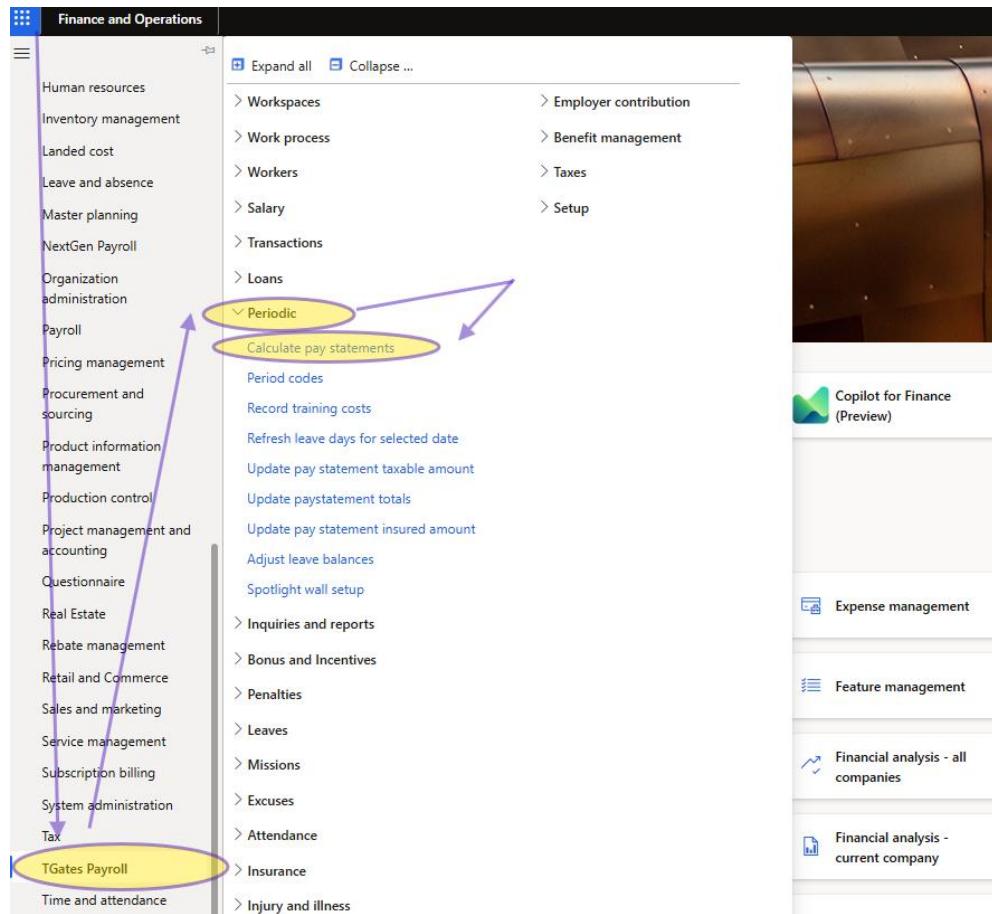
# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management &ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

The screenshot shows the SAP ERP interface for 'Salary Entry'. The main area displays a table of salary lines for employee 'MSDers Employee Worker 1' (Personnel number 555551). The table includes columns for Item ID, Description, Amount, Currency, Base Calc., Suspended, Basic, Calc. type, and Action number. One line item is selected: 'MSDers\_Basic\_Salary' with a value of 30,000.00 EGP. Other lines include 'MSDers\_Constant\_Addition' (5,000.00 EGP) and 'MSDers\_Constant\_Deduction' (2,000.00 EGP). The top right corner of the interface has a yellow oval highlighting the 'Download' button in the 'Salary Entry' toolbar.

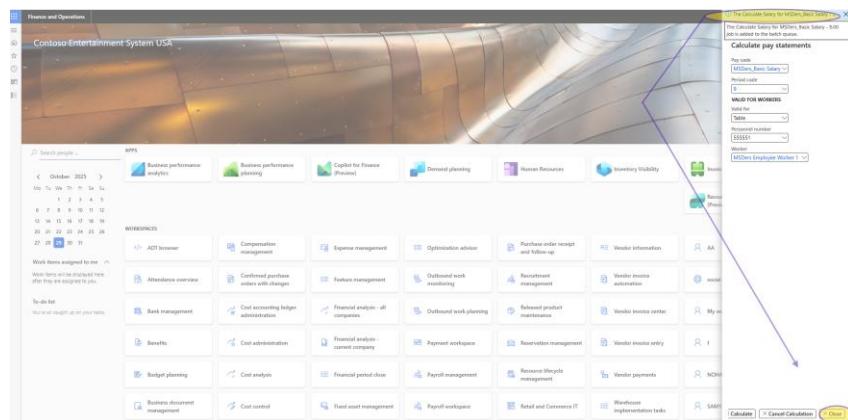
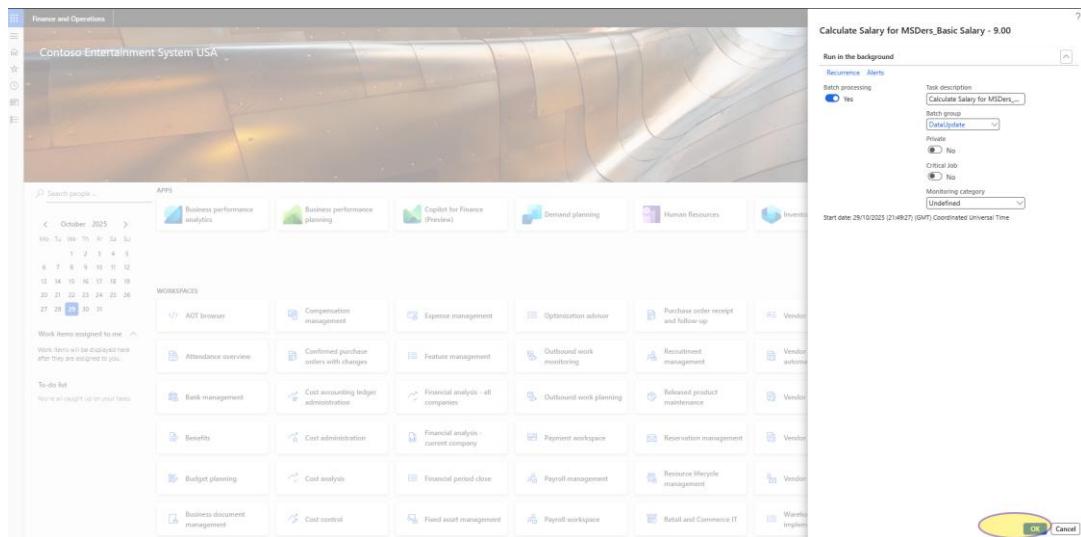
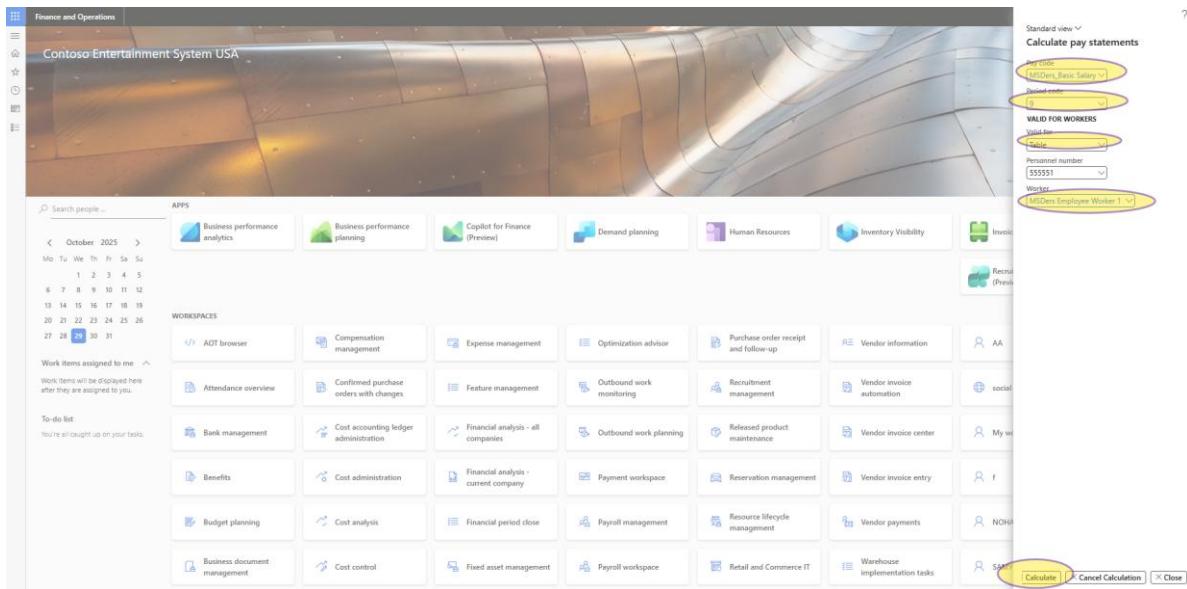
	A	B	C	D	E	F
1	Salary ID	Name	Worker	Pay code	Suspended	
67	007777	Safwan Z Zahran	Safwan Z Zahran	MSDers_Basic_Salary	No	
68	555551	MSDers Employee Worker 1	MSDers Employee Worker 1	MSDers_Basic_Salary	No	
69	555552	MSDers Employee Worker 2	MSDers Employee Worker 2	MSDers_Basic_Salary	No	
70	555553	MSDers Employee Worker 3	MSDers Employee Worker 3	MSDers_Basic_Salary	No	
71	555554	MSDers Employee Worker 4	MSDers Employee Worker 4	MSDers_Basic_Salary	No	
72	555555	MSDers Employee Worker 5	MSDers Employee Worker 5	MSDers_Basic_Salary	No	
73	0000055551	MSDers Worker Employee 1	MSDers Worker Employee 1	MSDers_Basic_Salary	No	

## TGates Payroll &gt; Periodic &gt; Calculate pay statement



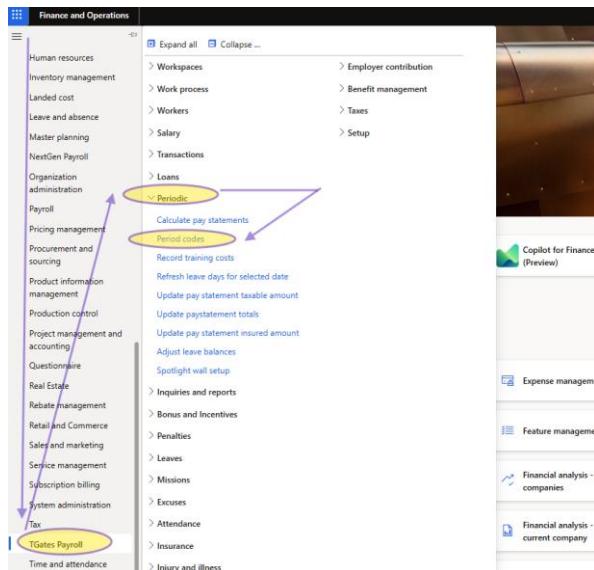
# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

Instructor: Eng. Mahmoud Ahmad      Prepared by: Safwan– Eslam– Ahmad – Walaa



# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa



The screenshot shows the 'Period codes' list page in Microsoft Dynamics 365. The 'MSDers\_Basic Salary' row for September is selected and highlighted with a yellow oval. A callout bubble points from the 'OverView' tab to the selected row.

Pay code	Period code	Description	Month	From date	To date	Payroll calculated	Status
MSDers_Basic Salary	1		January	01/01/2025	31/01/2025		None
MSDers_Basic Salary	2		February	01/02/2025	28/02/2025		None
MSDers_Basic Salary	3		March	01/03/2025	31/03/2025		None
MSDers_Basic Salary	4		April	01/04/2025	30/04/2025		None
MSDers_Basic Salary	5		May	01/05/2025	31/05/2025		None
MSDers_Basic Salary	6		June	01/06/2025	30/06/2025		None
MSDers_Basic Salary	7		July	01/07/2025	31/07/2025		None
MSDers_Basic Salary	8		August	01/08/2025	31/08/2025		None
MSDers_Basic Salary	9		September	01/09/2025	30/09/2025	None	None
MSDers_Basic Salary	10		October	01/10/2025	31/10/2025		None
MSDers_Basic Salary	11		November	01/11/2025	30/11/2025		None
MSDers_Basic Salary	12		December	01/12/2025	31/12/2025		None

The screenshot shows the 'Worker pay statements' list page in Microsoft Dynamics 365. The 'MSDers\_Basic Salary' row for Khaled Faizal is selected and highlighted with a yellow oval. A callout bubble points from the 'Khaled Faizal' worker name to the selected row.

Pay statement number	Personnel number	Worker	Pay code	Period code	Date	Additions	Deductions	Net Status	Approval Status	Due journal number	Employment	Char
USMF-000002320	P00010	Khaled Faizal	MSDers_Basic Salary	9	30/09/2025	0.00	0.00	Calculated	Pending	000000941		
USMF-0000023342	555551	MSDers Employee Worker 1	MSDers_Basic Salary	9	30/09/2025	0.00	0.00	Calculated	Pending	000000140		
USMF-0000023343	555552	MSDers Employee Worker 2	MSDers_Basic Salary	9	30/09/2025	0.00	0.00	Calculated	Pending	000000141		
USMF-0000023344	555553	MSDers Employee Worker 3	MSDers_Basic Salary	9	30/09/2025	0.00	0.00	Calculated	Pending	000000142		
USMF-0000023345	555554	MSDers Employee Worker 4	MSDers_Basic Salary	9	30/09/2025	0.00	0.00	Calculated	Pending	000000143		

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

Instructor: Eng. Mahmoud Ahmad      Prepared by: Safwan– Eslam– Ahmad – Walaa

**Finance and Operations**

- > Workspaces
- > Work process
- > Workers
- > **Salary**
  - Salary Entry
  - Employees salary lines
  - Allowances**
  - Salary Plans
- > Transactions
- > Loans
- > Periodic
- > Inquiries and reports
- > Bonus and Incentives
- > Penalties
- > Leaves
- > Missions
- > Excuses
- > Attendance
- > Insurance
- > Injury and illness
- > Journals
- > Performance management
- > Periods
- > Employer contribution

**TGates Payroll**

**Business performance planning** **Copilot for Finance (Preview)**

**Allowances**

**MSDer\_Travel\_Allowance**

**General**

**Pay items**

**POSTING**

**MISCELLANEOUS**

**OPTIONS**

**Override Settings**

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

**Allowances**

Allowance ID	Description	Item ID	Suspended
MSDer_Travel_Allow...	Travel Allowance- Graduation project...	MSDer_Travel_Allowance_P...	No

**General**

**PAY PERIODS**

Valid for: Table (highlighted)

VALID FOR WORKERS

Valid for: Table (highlighted)

Pay code: MSDers\_Basic\_Salary (highlighted)

**Calculation lines**

+ Add line (highlighted) Remove

Line	Worker group	Valid for	Amount	Item ID	Group ID	Percent	Limit type	Max. Amo...	Min. Amou...	Original a...
1.0	Line: Worker group (highlighted)	Valid for	0.00	*		0.00	Output	0.00	0.00	

**Pay code**

MSDer\_Basic\_Salary (highlighted)

**Calculation lines**

+ Add line Remove

Line	Worker group	Valid for	Amount	Item ID	Group ID	Percent	Limit type	Max. Amo...	Min. Amou...	Original a...
1.0	Line: Worker group (highlighted)	Valid for	0.00	*		0.00	Output	0.00	0.00	

Context menu (highlighted):

- Form information
- Personalize: Worker group
- Export all rows
- Export marked rows
- Insert columns...
- Group by this column
- Freeze column
- Hide this column
- View shortcuts
- View details

**Worker groups**

Worker group	Description
MSDer_Travel_Allowance_WGr...	Worker Group, Travel Allowance, Grad...

**Criteria**

**Workers**

**General**

+ Add line Remove

Suspended	Personnel number	Worker	Department	Job type	Job level	Title	Marital status
<input checked="" type="checkbox"/>	555351	MSDer Employee Worker 1					
<input type="checkbox"/>	555352	MSDer Employee Worker 2					None
<input type="checkbox"/>	555353	MSDer Employee Worker 3					None
<input type="checkbox"/>	555354	MSDer Employee Worker 4					None

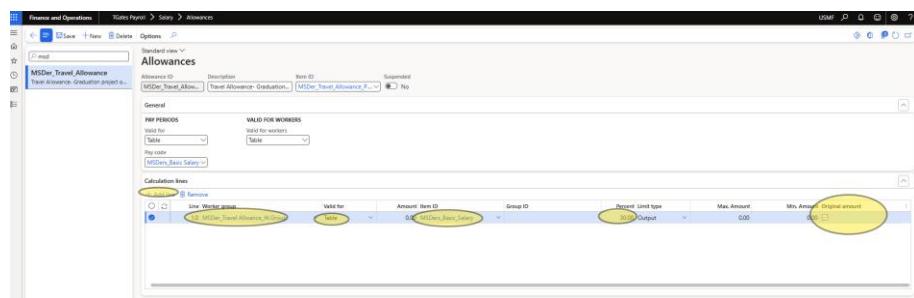
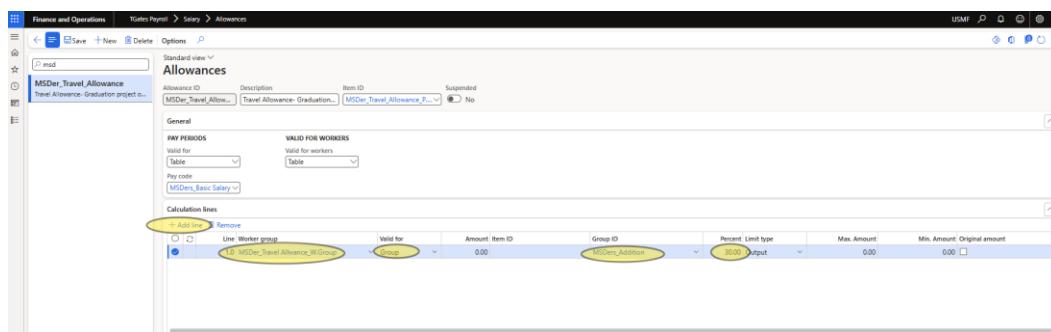
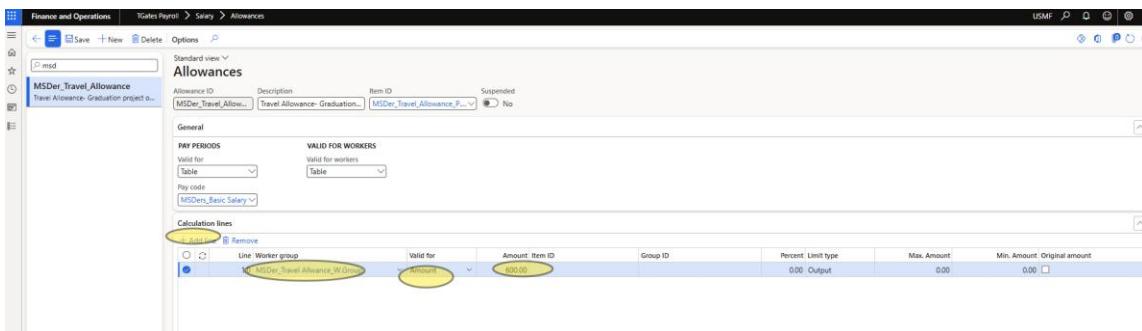
Total: 4 rows

**Results**

Personnel number	Worker	Name	Name	Name	Name	Birth date	Location	Employment category
555351	MSDer Employee Worker 1							MSDer Emp-Category 1
555352	MSDer Employee Worker 2							MSDer Emp-Category 1
555353	MSDer Employee Worker 3							Intern
555354	MSDer Employee Worker 4							

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

Instructor: Eng. Mahmoud Ahmad      Prepared by: Safwan– Eslam– Ahmad – Walaa



# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

Instructor: Eng. Mahmoud Ahmad      Prepared by: Safwan– Eslam– Ahmad – Walaa

**Finance and Operations**

- Human resources
- Inventory management
- Landed cost
- Leave and absence
- Master planning
- NextGen Payroll
- Organization administration
- Payroll
- Pricing management
- Procurement and sourcing
- Product information management
- Production control
- Project management and accounting
- Questionnaire
- Real Estate
- Rebate management
- Retail and Commerce
- Sales and marketing
- Service management
- Subscription billing
- System administration
- Tax
- TGates Payroll**
- Time and attendance
- Transportation

Expand all   Collapse ...

- > Workspaces
- > Work process
- > Workers
- > Salary
- > Transactions
- > Loans
- > Periodic
- > Inquiries and reports
- > Bonus and Incentives
- > Penalties
- > Leaves
- > Missions
- > Excuses
- > Attendance
- > Insurance
- > Insurance Plans
- Insurance office ID
- > Injury and illness
- > Journals
- > Performance management
- > Periods
- > Employer contribution
- > Benefit management
- > Taxes

Business performance planning   Copilot for (Preview)

Compensation management   Expense management

Confirmed purchase orders with changes   Feature management

Cost accounting ledger administration   Financial accounting companies

Cost administration   Financial accounting current con

Cost analysis   Financial planning

Save **+ New** Delete Pay statements lines Options

Standard view **msd**

**MSDer\_Employee\_Insurance**  
Insurance Plan - Employee, Graduation...

Plan ID	Description	Item ID	Suspended
MSDer_Employee_Insurance	Insurance Plan - Employee, G...		* View details

**General**

Percentage/Amount Percent	Percent for employees over 60 0.00	LIMIT Max. Amour 0.00
PERCENT Percent	Percent for employees under 18 0.00	Min. Amount 0.00
0.00		

**Workers**

PAY PERIODS   WORKERS

Valid for Table   Valid for Table

Pay code MSDers\_Basic Salary

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

This screenshot shows the 'Pay items' configuration for the 'MSDer\_Employee\_Insurance' plan. Key fields highlighted include:

- Item ID:** MSDer\_Employee\_Insurance
- Description:** Pay item, Employee Insurance, Graduation project of MSDers
- Group ID:** MSDer\_Employee\_Insurance
- CALCULATION:**
  - Calc Method:** Constant
  - Calc Type:** Reduction
  - Calculate taxes:** No
  - Do not exceed max exempted amount:** No
  - Calculate insurance:** No
  - Base Calc:** No
  - Based on chargeable days:** No
- POSTING:**
  - Account type:** Ledger
  - Account:** 110105
  - Currency:** EGP
  - Basic:** No
- MISCELLANEOUS:**
  - Hidden:** No
  - Sort:** 0.00
  - Filter title:** All
- OVERRIDE SETTINGS:**
  - Tax code:** EGP
  - External code:** No
  - Employer contribution:** No

This screenshot shows the general settings for the 'MSDer\_Employee\_Insurance' plan. Key fields highlighted include:

- Plan ID:** MSDer\_Employee\_Insurance
- Description:** Insurance Plan - Employee, Graduation...
- Item ID:** MSDer\_Employee\_Insurance
- Suspended:** No
- General:**
  - Percentage/Amount:** Percent
  - Percent for employees over 60:** 1.00
  - Percent for employees under 18:** 1.00
  - LIMIT:**
    - Max. Amount:** 14,500.00
    - Min. Amount:** 2,400.00
  - PAY PERIODS:**
    - Valid for:** Table
    - Pay code:** MSDers\_Basic\_Salary
  - WORKERS:**
    - Valid for:** All
- Reporting:**
  - Field label:**
  - Sorting:** 0

## Employer Contribution

This screenshot shows the configuration for the 'MSDerPlayer Cont Ins.Plan' plan. Key fields highlighted include:

- Plan ID:** MSDerPlayer Cont Ins.Plan
- Description:** Insurance Plan, Employer Contribution,...
- Item ID:** MSDerPlayer Cont Ins.Plan
- Suspended:** No
- General:**
  - Percentage/Amount:** Percent
  - Percent for employees over 60:** 0.00
  - Percent for employees under 18:** 0.00
  - LIMIT:**
    - Max. Amount:** View details
    - Min. Amount:** 0.00
- PAY PERIODS:**
  - Valid for:** Table
  - Pay code:** MSDers\_Basic\_Salary
- WORKERS:**
  - Valid for:** Table

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

This screenshot shows the 'Pay items' screen in the T-Gates Payroll module. A new pay item is being created, specifically 'MSDer\_Employer Cont\_PItem'. The 'Calculation' section is set to 'Constant' and 'Deduction'. The 'Posting' section includes a group ID 'MSDer\_Employer Cont\_PItem' and a group name 'MSDers\_Deduction'. The 'Employer contribution' section is configured with 'Employer contribution ID' set to 'MSDer\_Employer Cont\_PItem' and 'Account type' set to 'Ledger'. The 'Override source type' checkbox is unchecked.

This screenshot shows the 'Pay items' screen with the same pay item configuration as the previous one. The 'Employer contribution' section is expanded, showing 'Employer contribution ID' set to 'MSDer\_Employer Cont\_PItem', 'Account type' set to 'Ledger', and 'Override source type' checked. Other settings like 'Employer contribution posting' and 'Employer contribution' are also visible.

This screenshot shows the 'Employer contribution' screen. A new rule is being created, specifically 'MSDer\_Employer\_Contr'. The 'Valid for' dropdown is set to 'Table' and 'All'. The 'Pay code' dropdown is set to 'MSDers\_Basic\_Salary'. The 'Employer contribution rule' dropdown is set to 'MSDer\_Employer contribution'.

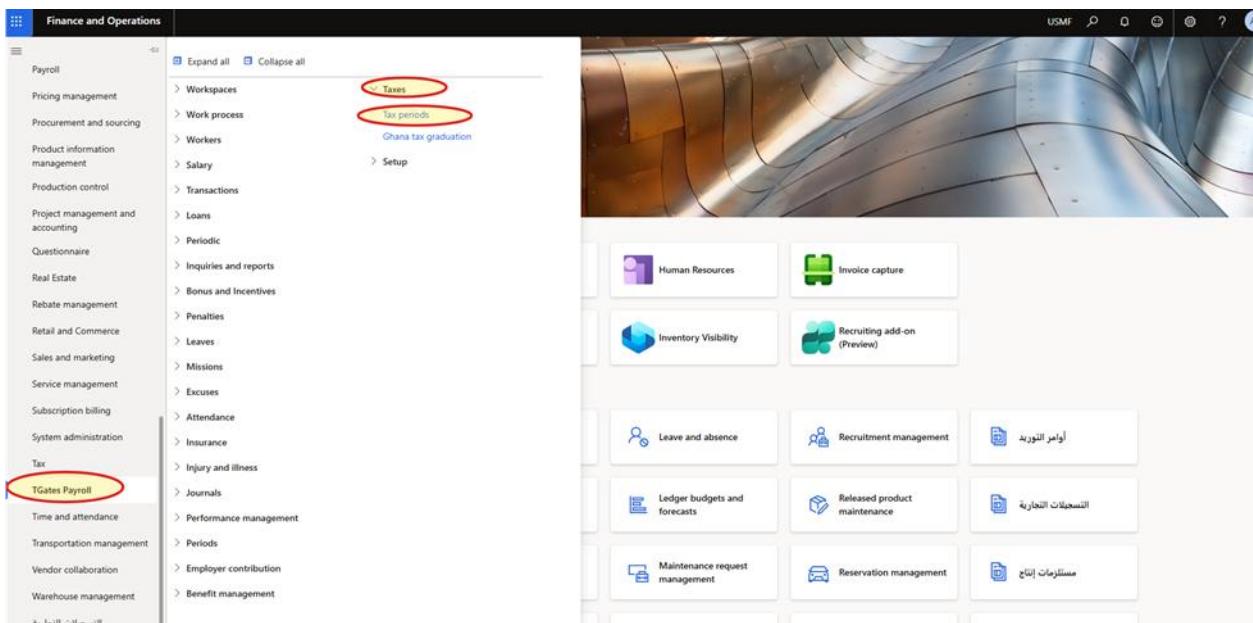
This screenshot shows the 'Pay items' screen with the same pay item configuration as the previous ones. The 'Employer contribution' section is expanded, showing 'Employer contribution ID' set to 'MSDer\_Employer Cont\_PItem', 'Account type' set to 'Ledger', and 'Override source type' checked. Other settings like 'Employer contribution posting' and 'Employer contribution' are also visible.

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management &ERP

Instructor: Eng. Mahmoud Ahmad      Prepared by: Safwan– Eslam– Ahmad – Walaa

This screenshot shows the 'Insurance Plans' configuration screen in Microsoft Dynamics 365. The page title is 'Finance and Operations | TGates Payroll > Insurance > Insurance Plans'. The search bar contains 'msd'. The main area displays the 'MSDer\_Employee\_Insurance' insurance plan. Key fields shown include:

- Plan ID:** MSDer\_Employer Cont\_PItem
- Description:** Insurance Plan - Employer, Graduation...
- Item ID:** Item ID:MSDer\_Employer Cont\_PItem, Pay item, Employer Contribution, Graduation project of MSDer
- MSDer\_Employer Cont\_PItem:** Yes
- General:**
  - Percentage/Amount:** Percent
  - Percent for employees over 60:** 1.00
  - Percent for employees under 18:** 1.00
  - LIMIT:** Max. Amount: 14,500.00, Min. Amount: 2,400.00
  - PAY PERIODS:** Valid for: Table
  - WORKERS:** Valid for: All
  - Pay code:** MSDers\_Basic Salary
- Reporting:** Field label: , Sorting: 0



# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

**Finance and Operations** | T Gates Payroll > Taxes > Tax periods

**Tax periods**

**Standard view**

Period ID	Description	From date	To date	Tax Item ID	Personal exemption amount	Disability exempted amount	Max deduction...	Average	Include Supple...
Safw12_TaxPeriod	Safw12_TaxPeriod: Sep 25, 2025	1/1/2025	12/31/2025	1_ضرائب_حسام	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
1_ضرائب_حسام	1_ضرائب_حسام	1/1/2024	12/31/2027	1_ضرائب_حسام	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
2024	2025	1/1/2024	12/31/2024	ضرائب الدخل خالد	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
ibrahim2025 taxes	ibrahim2025	1/1/2025	12/31/2025	Taxes	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
Taxes A Moharram	Taxes A Moharram	1/1/2025	12/31/2025	Taxes A Moharram	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
taxes mohmoud	taxes mohmoud	1/1/2025	12/31/2025	taxes mohmoud	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
Taxes_2010_Hait...	Taxes_2010_Haittham	1/1/2010	12/31/2010	Taxes_Haittham	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
Taxes_2023 SHRIN	Taxes_2023 SHRIN	1/1/2040	12/31/2040	ضرائب (إسر)	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
Taxes-2016-Hab...	Taxes-2016	1/1/2016	12/31/2016	Taxes Habeba	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
ضريبي التبرعية بكار	ضريبي التبرعية بكار	1/1/2050	12/31/2050	(الإسكندرية) ضرائب	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
ضريبة التبرعية بكار	ضريبة التبرعية بكار	1/1/2025	12/31/2025	ضريبة التبرعية بكار	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
ضريبي هبة محمد	ضريبي هبة محمد	1/1/2025	12/31/2025	ضريبي هبة محمد	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>

**Finance and Operations** | T Gates Payroll > Taxes > Tax periods

**Pay items**

Item ID	Description	Search name	Group ID	Group ID: Safw12_Deductin, Sep 4, 25 Session, Deduction Pay Item Group
Safw12_TaxPayItem	Safw12_Tax Pay Item, Sep 25, 20...	Safw12_Tax Pay Item, Sep 25, 20...	Safw12_Deductin	No

**General**

<b>CALCULATION</b>	<b>TAX</b>	<b>POSTING</b>	<b>Basic</b>	<b>Tax code</b>
Constant	Calculate taxes <input checked="" type="radio"/> No	Account type Ledger	No	External code
Deduction	Stamp tax included <input checked="" type="radio"/> No	Account 110105--	No	Employer contribution <input checked="" type="radio"/> No
	Do not exceed max exempted amount <input checked="" type="radio"/> No	MISCELLANEOUS	sort 0.00	Override settings
		Currency EGP	Filter rate All	Override source type <input checked="" type="radio"/> No

**Pay item groups**

Group ID	Description	Default
Safw12_Deductin	Sep 4, 25 Session, Deduction Pa...	

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

Period ID	Description	From date	To date	Tax Item ID	Personal exemption amount	Disability exempted amount	Max deduction...	Average	Include Supple...
Safw1Z_TaxPeriod	Safw1Z_TaxPeriod, Sep 25, 2025 ...	1/1/2025	12/31/2025	Safw1Z_TaxPayItem	20,000.00	30,000.00	0.00	0.00	
1_سالم	1_سالم hossam	1/1/2024	12/31/2027	1_سالم	20,000.00	30,000.00	0.00	0.00	
2024_إد	2024_إد	1/1/2024	12/31/2024	حربة الدخل حاد	20,000.00	30,000.00	0.00	0.00	
ibrahim2025	ibrahim2025	1/1/2025	12/31/2025	Taxes	20,000.00	30,000.00	0.00	0.00	
Taxes_A_Moharram	Taxes A Moharram	1/1/2025	12/31/2025	Taxes A Moharram	20,000.00	30,000.00	0.00	0.00	
taxes_mahmoud	taxes mahmoud	1/1/2025	12/31/2025	taxes mahmoud	20,000.00	30,000.00	0.00	0.00	
Taxes_2010_Hait...	Taxes_2010_Haitthem	1/1/2010	12/31/2010	Taxes_Haitthem	20,000.00	30,000.00	0.00	0.00	
Taxes_2023_SHRIN	Taxes_2023 SHRIN	1/1/2040	12/31/2040	(الراتب)	20,000.00	30,000.00	0.00	0.00	
Taxes_2016_Hab...	Taxes_2016	1/1/2016	12/31/2016	Taxes_Habeba	20,000.00	30,000.00	0.00	0.00	
شراحنة بيكار	شراحنة بيكار	1/1/2050	12/31/2050	(راتب)	20,000.00	30,000.00	0.00	0.00	
راتبات (أبراهيم)	راتبات (أبراهيم)	1/1/2025	12/31/2025	(راتبات (أبراهيم))	20,000.00	30,000.00	0.00	0.00	
رماتب هـ محمد	رماتب هـ محمد	1/1/2025	12/31/2025	رماتب هـ محمد	20,000.00	30,000.00	0.00	0.00	

Segment	Description	Amount from	Amount to
1	Safw1Z_From EGP1 Up to EGP600k	1.00	600,000.00
2	Safw1Z_More than EGP600k Up to EGP700k	600,001.00	700,000.00
3	Safw1Z_More than EGP700k Up to EGP800k	700,001.00	800,000.00
4	Safw1Z_More than EGP800k Up to EGP900k	800,001.00	900,000.00
5	Safw1Z_More than EGP900k Up to EGP1.2m	900,001.00	1,200,000.00
6	Safw1Z_More than 1.2m	1,200,000.01	999,999,999.00

Line	Amount from	Amount to	Percent
1.0	1.00	40,000.00	0.00
2.0	40,001.00	55,000.00	10.00
3.0	55,001.00	70,000.00	15.00
4.0	70,001.00	200,000.00	20.00
5.0	200,001.00	400,000.00	22.50
6.0	400,001.00	600,000.00	25.00

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

# Salary Plans

The screenshot shows the Microsoft Dynamics 365 Finance and Operations navigation bar. Under the 'Payroll' category, 'Salary' and 'Salary Plans' are highlighted with red circles. The main content area displays a tree view of payroll components like Workspaces, Periods, and Employer contribution, along with a 'Taxes' section. To the right, there is a grid of various application tiles, including Human Resources, Invoice capture, Inventory Visibility, Recruiting add-on (Preview), Leave and absence, Recruitment management, Ledger budgets and forecasts, Released product maintenance, Maintenance request management, Reservation management, and several Arabic labels.

This screenshot shows the 'Salary Plans' form. The 'Plan ID' field contains 'Safw12\_Fund'. The 'PLAN' dropdown is set to 'View details'. Other visible fields include 'Description' (Safw12 Fund, Sep 27), 'Item ID', 'Suspended', 'Form information', 'Personalize: Item ID', 'View shortcuts', 'PAY PERIODS' (Valid for: Table), 'VALID FOR WORKERS' (Valid for workers: Table), 'PLAN' (Limit type: Output), 'Max. Amount' (0.00), 'Min. Amount' (0.00), 'After tax' (No), and 'Percent' (0.00). The 'Calculation lines' section shows a single line: '1.0 Table'. The 'Workers' section is partially visible at the bottom.

# CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

The screenshot shows the 'Salary Plans' screen under 'Finance and Operations'. A new salary plan is being created with the following details:

- Plan ID:** Safw12FundSalaryPlan
- Description:** Safw12 Fund Salary Plan, Sep 2...
- Pay code:** Safw12\_Pay\_Period
- General Settings:**
  - PAY PERIODS:** Valid for Table, Valid for workers All.
  - PLAN LIMIT:** Limit type Output, Max. Amount 0.00, Min. Amount 0.00, After tax No, Percent 0.05.
- Calculation lines:**
  - Add line:** Item ID Safw12\_PayItem\_Add, Group ID, +Amount 0.00, Percent 100.00, Operator +.
  - Group:** Item ID Safw12\_Add.Pay.Items.Groups, Group ID, +Amount 0.00, Percent 100.00, Operator +.
- Workers:** A worker named 'Safwan Z Zahran' is selected.

The screenshot shows the 'Salary Plans' screen with the newly created salary plan. The status has been changed to 'Suspended'.

Plan ID	Description	Item ID	Suspended
Safw12FundSalaryPlan	Safw12 Fund Salary Plan, Sep 2...	Safw12_Fund_Pay_Item	<input checked="" type="checkbox"/>

**General**

PAY PERIODS	VALID FOR WORKERS	PLAN LIMIT
Valid for Table	Valid for workers All	Limit type Output, Max. Amount 0.00, Min. Amount 0.00, After tax No, Percent 0.05

**Calculation lines**

Line	Valid for	Item ID	Group ID	+Amount	Percent	Operator	Original amount
2.0	Table	Safw12_PayItem_Add		0.00	100.00	+	
1.0	Group	Safw12_Add.Pay.Items.Groups		0.00	100.00	+	

**Workers**

Worker	Job level	Department	Marital status	Number of dependents	Suspended
Safwan Z Zahran				0	<input checked="" type="checkbox"/>

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

## Loans

The screenshot shows the Oracle HCM application's Finance and Operations module. The user is navigating through T-Gates Payroll > Loans > All loans. The main view is 'Standard view' showing a grid of loan details. The grid columns include Loan ID, Worker, Date, Pay code, Period code, Period Amount, Item ID, Deducted, Suspended, and Split. A summary at the bottom indicates a total of 12 rows and a sum of 1,000.00.

Loan ID	Worker	Date	Pay code	Period code	Period Amount	Item ID	Deducted	Suspended	Split
Loan-00015	Ted Howard	12/31/2025	Safw1Z_Pay_Period	12	83.33	Safw1Z_Loan_Pay Item			
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	1/31/2026	Safw1Z_Pay_Period	13	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	2/28/2026	Safw1Z_Pay_Period	14	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	3/31/2026	Safw1Z_Pay_Period	15	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	4/30/2026	Safw1Z_Pay_Period	16	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	5/31/2026	Safw1Z_Pay_Period	17	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	6/30/2026	Safw1Z_Pay_Period	18	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	7/31/2026	Safw1Z_Pay_Period	19	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	8/31/2026	Safw1Z_Pay_Period	20	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	9/30/2026	Safw1Z_Pay_Period	21	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	10/31/2026	Safw1Z_Pay_Period	22	83.33	Safw1Z_Loan_Pay Item		
Safw1Z_Personal_Loan	Loan-00015	Ted Howard	11/30/2026	Safw1Z_Pay_Period	23	83.33	Safw1Z_Loan_Pay Item		

Total 12 rows Sum 1,000.00

## Excuses

The screenshot shows the Oracle HCM application's Finance and Operations module. The user is navigating through T-Gates Payroll > Excuses > Excuses setup > Excuses. The main view is 'Standard view' showing a grid of excuse types. The grid columns include Excuse ID, Description, and Excuse type. A summary at the bottom indicates a total of 12 rows and a sum of 1,000.00.

Excuse ID	Description	Excuse type
Safw1Z_Excuse_2	Safw1Z_Excuse_2	

The configuration screen for 'Safw1Z\_Excuse\_2' includes the following settings:

- General:**
  - Valid for workers: All
  - LIMITS:
    - Max number of excuses: 2
    - Max hours: 4.00
    - Max hours per request: 2
    - Min hours per request: 0
  - Turn over: Safw1Z\_Excuse turn over
  - DEFAULT VALUES:
    - From time: 09:00 AM
    - To time: 04:00 PM
  - ACTIONS:
    - Exclude Max: No
- APPROVAL:**
  - Approval type: Quick approval
  - Private for user group: Safw1Z\_Abs
- EMPLOYEE SELF SERVICE:**
  - Enable request from self-service: Yes
  - Employee self-service: Safw1Z\_Abs

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

## Missions

This screenshot shows the SAP Fiori interface for mission transactions. The top navigation bar includes buttons for Save, New, Delete, Approval, Calculate, End, Details, Mission allowances (which is highlighted with a red circle), Cash advances, All expense reports, and Options. The main area displays a table of mission details, such as Mission ID, Personnel number, Worker, Start date/time, End date/time, Mission status, Expected return date, Description, Approval Status, and Location. The table has multiple rows of data, each representing a different mission entry.

## Leaves

This screenshot shows the SAP Fiori interface for leave setup. The left sidebar lists various leave categories like Annual, Casual, Annual-red, Annual-Z, Annual-KH, Casual-KH, Casual-reda, Casual-Z, 2.Casual, 2.Annual, 2.Sick, and 2.Annual. The main area shows the configuration for the 'Casual' leave type, specifically 'Safe12\_Casual'. It includes sections for General (Approval type set to 'Quick approval'), Employee Self Service (Enable request from self-service), Balance consumption (Balance balance set to 'Safe12\_Casual'), and Accrued balance rules (with a table showing conditions like 'Line number 1, Description: Remote Locations, Age: Greater than or equal to 3, From years of service: 1,000, To years of service: 30,000'). A red circle highlights the 'Safe12\_Casual' button in the leave type list.

## Attendance Policy

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

## Penalties

## Appraisal

## CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management & ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

## Bonus

**Pay statement**

Pay statement number	Personnel number	Worker	Status	Approval Status
USMF-0000023799	555551	MSDers Employee Worker 1	Calculated	Pending
Department	Job	Job level	Job family	Location
MSDers Department 1	MSDers, Walaa - Ahmad - Ah...	MSDers Job Level 1	MSDers Job Family 1	
Pay code	Period code	Date	Chargeable days	
MSDer_Bonus_P_Per...	1	11/01/2025	30	
<b>AMOUNTS IN REPORTING CURRENCY</b>				
<b>TAXES</b>				
Additions	Deductions	Net	Annual taxable amount	Current taxable amount
2,000.00	600.00	1,400.00	0.00	0.00

**Additions** **Deductions** Employer contribution

Item ID	Description	Amount	Cur...	Source type	Reference	Date	Group ID
MSDer_Bonus_P_Item	Bonus, Pay item, Graduation project of MSDers	2,000.00	EGP	Bonus	MSDer_Bonus	04/11/2025	MSDers_Addition

**Pay statement**

Pay statement number	Personnel number	Worker	Status	Approval Status
USMF-0000023799	555551	MSDers Employee Worker 1	Calculated	Pending
Department	Job	Job level	Job family	Location
MSDers Department 1	MSDers, Walaa - Ahmad - Ah...	MSDers Job Level 1	MSDers Job Family 1	
Pay code	Period code	Date	Chargeable days	
MSDer_Bonus_P_Per...	1	11/01/2025	30	
<b>AMOUNTS IN REPORTING CURRENCY</b>				
<b>TAXES</b>				
Additions	Deductions	Net	Annual taxable amount	Current taxable amount
2,000.00	600.00	1,400.00	0.00	0.00

**Additions** **Deductions** Employer contribution

Item ID	Description	Amount	Cur...	Source type	Reference	Date	Group ID
2_taxes_pay_items	taxes hossam	-600.00	EGP	Tax	USMF-000000052	11/01/2025	2_deduction_pay item gro...

CAI3\_ERP8\_G3 MSD HCM Application Consultant/Management &ERP

**Instructor:** Eng. Mahmoud Ahmad      **Prepared by:** Safwan– Eslam– Ahmad – Walaa

## Financial Posting

**Finance and Operations**

[Save](#) [Delete journal from GL](#) [Transfer to Ledger](#) [Bank transfer](#) [Vendor payments](#) [Options](#) [Search](#)

Standard view ▾

## Due Journal Lines

Due journal number <b>USMF-0000000004</b>	Description	Journal batch number	Posted	Posted on
			<b>Not posted</b>	
Pay code <b>MSDers_Basic_Salary</b>	Period code <b>10</b>	Date <b>06/11/2025</b>	Total in reporting currency <b>0.00</b>	

[Lines](#) [Financial dimensions](#)

Row ID	Description	Account type	Item Account	Amount	Accounting	Due Account	Cost

**Finance and Operations** > **Human resources** > **Workers** > **Employees**

[Save](#) [Change status](#) [Print](#) [Options](#) [Search](#)

Standard view ▾

## Pay statement

Pay statement number <b>USMF-0000024035</b>	Personnel number <b>555551</b>	Worker <b>MSDers Employee Worker 1</b>	Status <b>Calculated</b>	Approval Status <b>Approved</b>
Department <b>MSDers Department 1</b>	Job <b>MSDers, Walaa - Ahmad - Ah...</b>	Job level <b>MSDers Job Level 1</b>	Job family <b>MSDers Job Family 1</b>	Location
Pay code <b>MSDers_Basic_Salary</b>	Period code <b>10</b>	Date <b>31/10/2025</b>	Chargeable days <b>31</b>	

**AMOUNTS IN REPORTING CURRENCY**

Additions <b>35,000.00</b>	Deductions <b>7,328.95</b>	Net <b>27,671.05</b>	Annual taxable amount <b>336,520.00</b>	Current taxable amount <b>336,520.00</b>
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**TAXES**

Additions	Deductions	Employer contribution
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<input type="radio"/> Item ID	Description	Amount	Cur...	Source type	Reference	Date	Group ID
<input checked="" type="radio"/> <b>MSDers_Basic_Salary</b>	MSDers_Basic_Salary, Graduation project of MSD...	30,000.00	EGP	Constant	555551	31/10/2025	MSDers_Addition
MSDers_Constant_Addition	Pay Item - Constant Addition, Graduation projec...	5,000.00	EGP	Constant	555551	31/10/2025	MSDers_Addition