

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**



Draft Draft Draft Draft Draft

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.

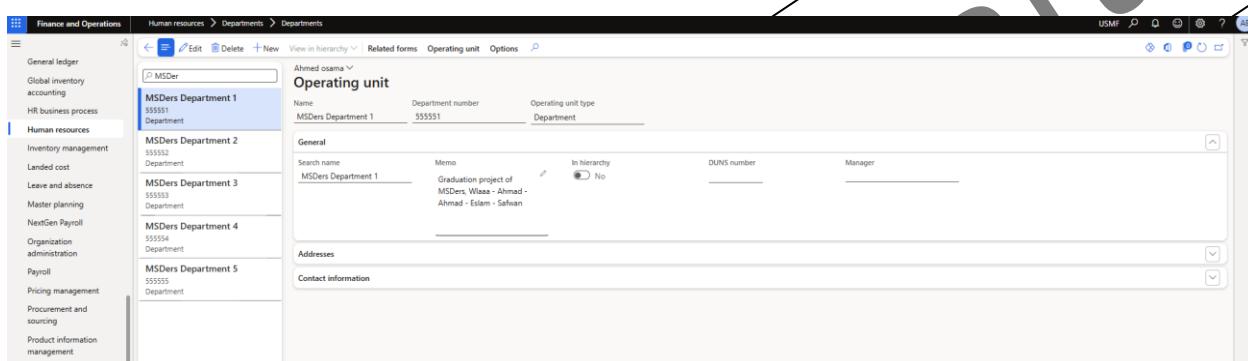
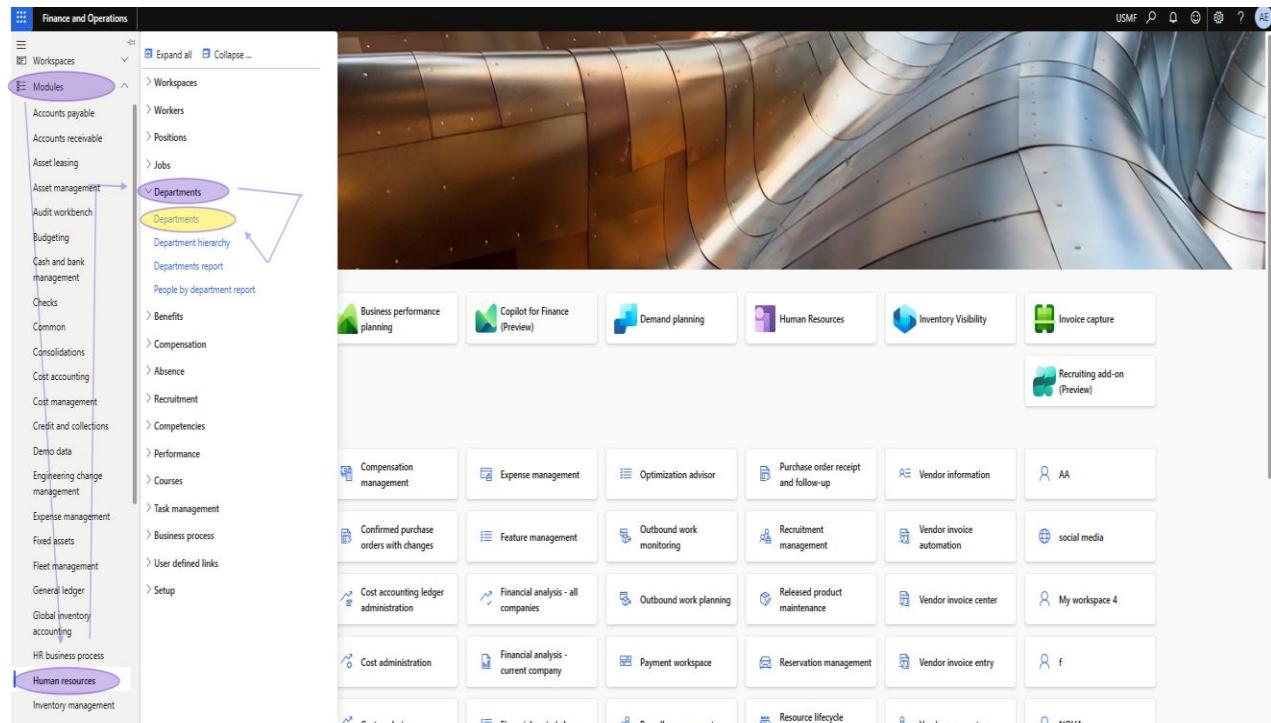
Draft Draft Draft Draft

Table of Contents

Draft Draft Draft

Draft Draft Draft

- Path: Human resources > Departments > Departments



- Path: Human resources > Setup > Employment categories

The screenshot shows the SAP Fiori Launchpad with the 'Finance and Operations' app selected. The left sidebar lists various modules under 'Human resources' and 'Setup'. The 'Employment categories' item under 'Setup' is highlighted with a yellow oval. The right side shows a grid of cards for pilot for Finance review, Demand planning, Expense management, Optimization, Outbound monitoring, Financial analysis - all companies, Outbound, and Financial analysis -.

The screenshot shows the 'Employment categories' setup screen. The top navigation bar includes 'Save', '+ New', 'Delete', and 'Options'. The main area displays a table titled 'Standard view *' with columns: 'Worker type', 'Employment category', and 'Description'. Two rows are visible: 'Employee' (MSDers Emp-Category 1) and 'Contractor' (MSDers Emp-Category 2). The 'Worker type' column is highlighted with a yellow oval. The 'Employment category' and 'Description' columns are also highlighted with yellow ovals.

- Path: Human resources > Setup > Employment types

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

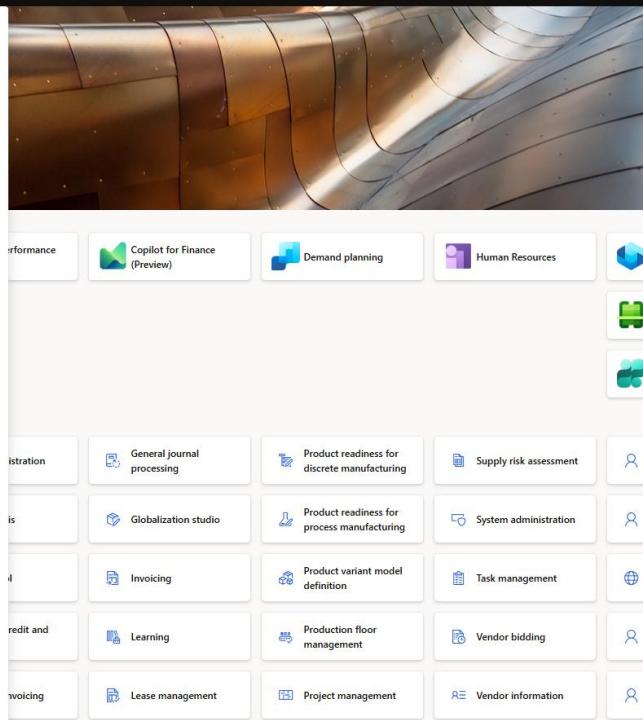
The screenshot shows the Microsoft Dynamics 365 Finance and Operations interface. On the left, the 'Modules' section is expanded, showing various business units like Accounts payable, Accounts receivable, Asset leasing, etc. The 'Human resources' module is highlighted with a yellow circle. A blue arrow points from the 'Human resources' label to the 'Employment types' section in the 'Setup' menu. The 'Setup' menu is also highlighted with a yellow circle. The 'Employment types' option is selected and highlighted with a yellow circle.

Modules

- Accounts payable
- Accounts receivable
- Asset leasing
- Asset management
- Audit workbench
- Budgeting
- Cash and bank management
- Checks
- Common
- Consolidations
- Cost accounting
- Cost management
- Credit and collections
- Demo data
- Engineering change management
- Expense management
- Fixed assets
- Fleet management
- General ledger
- Global inventory accounting
- HR business process
- Human resources**
- Inventory management
- Landed cost
- Leave and absence
- Master planning

Setup

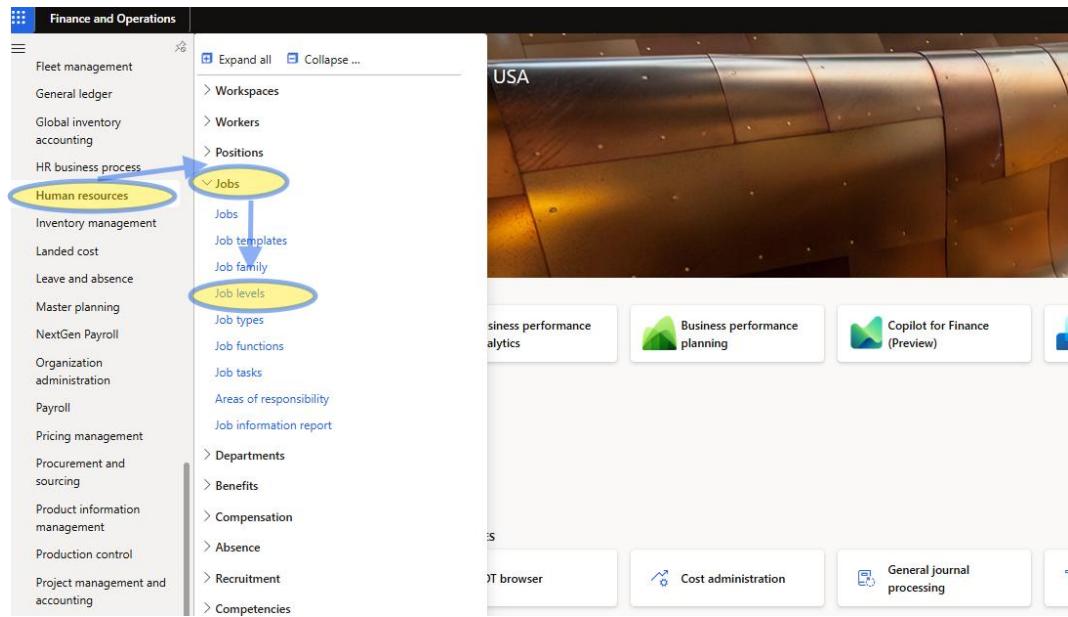
- Human resources parameters
- Human resources shared parameters
- Human resource workflows
- Accommodation types
- Employment categories
- Employment types**
- Ethnic origins
- Identification types
- Issuing agencies
- Labor unions
- Language codes
- Reason codes



The screenshot shows the Microsoft Dynamics 365 Human resources - Employment types screen. The top navigation bar includes Save, New, Delete, Options, and a search icon. The main area displays a table of employment types under 'Standard view'. The first column is 'Employment type' and the second column is 'Description'. One row is highlighted with a yellow oval, showing 'MSDers Emp-Type 1' and 'Full Time - Graduation project of MSDers Team'. A large diagonal watermark 'Draft V.' is overlaid across the bottom left of the screen.

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
MSDers Emp-Type 1	Full Time - Graduation project of MSDers Team
ERP System Control	Contractor
Field	Field employees
Full Time	CAI3 Full Time

- Path: Human resources > Jobs > Job levels



The screenshot shows the 'Job levels' list page. The top navigation bar includes 'Save', '+ New' (highlighted with a yellow circle), 'Delete', and 'Options'. The main area displays a table titled 'Standard view' with a 'Filter' search bar. The table columns are: Line ↑, Job level, Description, Minimum pay range, Maximum pay range, Increment minimum am..., and Increment maximum am... . The data rows are:

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

Draft Draft ✓

- Path: Human resources > Jobs > Jobs

The screenshot shows the Microsoft Dynamics 365 Finance and Operations interface. The left sidebar has 'Human resources' highlighted with a yellow oval. Under 'Jobs', '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)'.

The screenshot shows the 'Jobs' form. A new job record is being created, with the 'Job' field set to 'MSDers Job 1' and the 'Description' field set to 'Graduation project of MSDers Team'. The 'Full-time equivalent' field is set to '1.00'. The 'Maximum number of positions' section shows 'Unlimited' selected. A yellow oval highlights the 'New' button in the top toolbar, and another yellow oval highlights the 'View details' link in the bottom right corner of the form.

The screenshot shows the 'Titles' list view. A blue oval highlights the 'Save' and 'New' buttons in the top toolbar. The list displays several job titles: 'MSDers Title 5', 'MSDers Title 4', 'MSDers Title 3', 'MSDers Title 2', 'MSDers Title 1', 'Account Manager', and 'Accountant'. A yellow oval highlights the 'Title 5 - Graduation project of MSDers Team' entry in the list.

CAI3_ERP8_G3 MSD HCM Application Consultant/Management &ERP

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

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

General

Job Description Title Full-time equivalent Maximum number of positions

MSDers Job 1 MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan MSDers Title 1 1.00 Maximum positions Unlimited

Description

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

Job classification

Function Job type Job family POS permission group

MSDersFunction1 MSDers JobType1 MSDers Job Family 1

Compensation

Skills

Certificates

Tests

Education

Screenings

Job tasks

Areas of responsibility

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

Draft Draft Draft

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 Microsoft Dynamics 365 Finance and Operations navigation bar. The 'Human resources' menu item is highlighted with a blue oval. A blue arrow points from the 'Human resources' menu to the 'Positions' and 'All positions' items in the main content area, which are also highlighted with blue ovals.

The screenshot shows the 'Create new position' screen. The 'Position' field contains 'WAAIS Job One'. The 'Department' dropdown shows 'WAAIS ERP MSD'. The 'Activation' date is set to '01/01/2025 00:00:00'. The 'Retirement' date is set to 'Never'. A blue arrow points from the 'Create position' button at the bottom left to the 'Create new position' text at the top left of the form.

Worker	Job	Job level	Department	Reports to position	Job family	Recruiting request
Nادر السيد ابو طه	Warehouse Worker	الدرجة الثالثة	CAI3 Human Resources	000280		USMF-000001
John Emory	Warehouse Worker	الدرجة الثالثة	Operations	0002356		
Ellen Gasca	Warehouse Worker	الدرجة الثالثة	Operations	000320		
Ellen Hansen	Warehouse Worker	Operations	Operations	000318		
Pierre Hezi	Warehouse Worker	Operations	Operations	000007		
Theresa Jayne	Warehouse Worker	Finance	Finance	000105		
Ted Howard	Warehouse Worker	Operations	Operations	000320		
Josh Edwards	Store Manager	Retail Operations	Retail Operations	000249		
Ofer Dalot	Store Manager	Retail Operations	Retail Operations	000247		
Burke Fewel	Store Manager	Retail Operations	Retail Operations	000248		
Jeroen Cool	Store Manager	Retail Operations	Retail Operations	000248		
noha mohammed	ERP System Control O	000246	ERP System Control O			
Andrew Davis	Store Manager	Retail Operations	Retail Operations	000249		
Mads Ebdrup	Store Manager	Retail Operations	Retail Operations	000249		
Alex Darrow	Store Manager	Retail Operations	Retail Operations	000247		
Alexander Eggerer	Store Manager	Retail Operations	Retail Operations	000249		
Yaniv Feinberg	Store Manager	Retail Operations	Retail Operations	000114		
Velimir Davidovski	Store Manager	Retail Operations	Retail Operations	000114		
Josh Baily	Store Manager	Retail Operations	Retail Operations	000247		
Justin Harrison	Store Manager	Retail Operations	Retail Operations	000248		
Mohamed Elkugia	Store Manager	Retail Operations	Retail Operations	000114		
Lorraine Blevins	Sales Associate	Retail Operations	Retail Operations	000114		
Dave Landrie	Store Manager	Retail Operations	Retail Operations	000114		

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

General

Position	Job	Department	Position type	Location	Job family	Template ID
002373	MSDers Job 1	MSDers Department	Full-time equivalent		MSDers Job Family 1	
Description	Job level	Title	Available for assignment	Recruiting request		
MSDers.Wlaaa - Ahmad - Ah...		MSDers Title 1	1.00	*		

Position duration

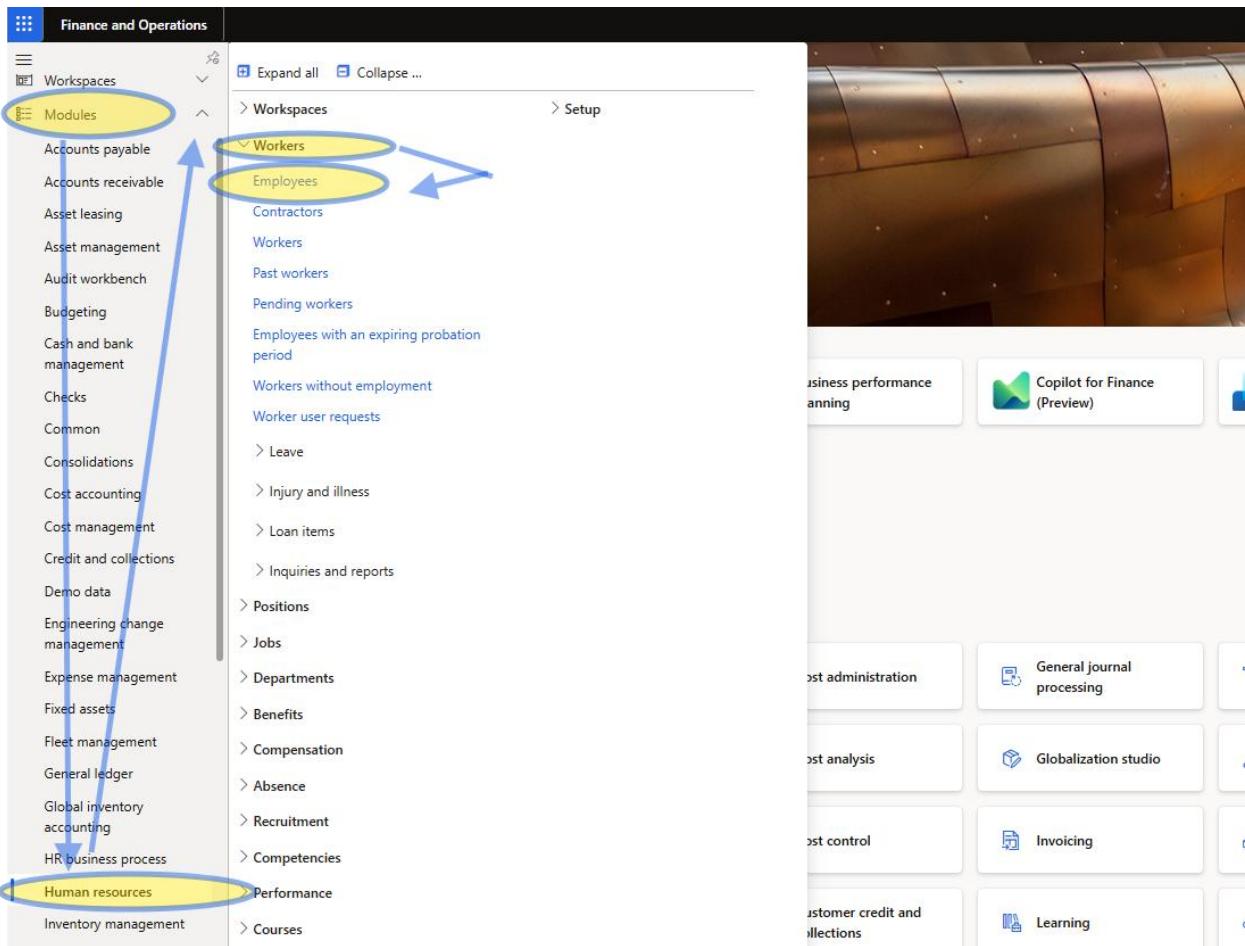
+ New	Edit	Retire
Activation	Retirement	Never
01/01/2025		

Position	Description	Worker	Job	Job level	Department	Reports to position	Job family	Recruiting request
002373	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1	Benjamin Martin	MSDers Job 1	MSDers Department 1	MSDers Job Family 1	USMF-000001		
002374	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 2	MSDers Employee Worker 2	MSDers Job 2	MSDers Department 2	MSDers Job Family 2			
002375	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 3	MSDers Employee Worker 3	MSDers Job 3	MSDers Department 3	MSDers Job Family 3			
002376	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 4	MSDers Employee Worker 4	MSDers Job 4	MSDers Department 1	MSDers Job Family 4			
002377	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 5	MSDers Employee Worker 5	MSDers Job 5	MSDers Department 1	MSDers Job Family 5			
002378	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1		MSDers Job 1	MSDers Department 1	MSDers Job Family 1			
002379	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1		MSDers Job 1	MSDers Department 1	MSDers Job Family 1			
002380	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1		MSDers Job 1	MSDers Department 1	MSDers Job Family 1			
002381	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1		MSDers Job 1	MSDers Department 1	MSDers Job Family 1			
002382	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1		MSDers Job 1	MSDers Department 1	MSDers Job Family 1			
002383	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 2	MSDers Worker Employee 1	MSDers Job 2	MSDers Department 1	MSDers Job Family 2			
002384	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 2		MSDers Job 2	MSDers Department 1	MSDers Job Family 2			
002385	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 2		MSDers Job 2	MSDers Department 1	MSDers Job Family 2			
002386	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 2		MSDers Job 2	MSDers Department 1	MSDers Job Family 2			
002387	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 2		MSDers Job 2	MSDers Department 1	MSDers Job Family 2			
002388	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 3		MSDers Job 3	MSDers Department 1	MSDers Job Family 3			
002389	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 3		MSDers Job 3	MSDers Department 1	MSDers Job Family 3			
002390	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 3		MSDers Job 3	MSDers Department 1	MSDers Job Family 3			
002391	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 3		MSDers Job 3	MSDers Department 1	MSDers Job Family 3			
002392	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 3		MSDers Job 3	MSDers Department 1	MSDers Job Family 3			
002393	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 4		MSDers Job 4	MSDers Department 1	MSDers Job Family 4			
002394	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 4		MSDers Job 4	MSDers Department 1	MSDers Job Family 4			
002395	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 4		MSDers Job 4	MSDers Department 1	MSDers Job Family 4			
002396	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 4		MSDers Job 4	MSDers Department 1	MSDers Job Family 4			
002397	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 4		MSDers Job 4	MSDers Department 1	MSDers Job Family 4			
002398	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 1		MSDers Job 1	MSDers Department 1	MSDers Job Family 1			
002399	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 5		MSDers Job 5	MSDers Department 1	MSDers Job Family 5			
002400	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 5		MSDers Job 5	MSDers Department 1	MSDers Job Family 5			
002401	MSDers, Wlaaa - Ahmad - Ahmad - Eslam - Safwan Position 5		MSDers Job 5	MSDers Department 1	MSDers Job Family 5			

of rows
31 rows

Draft Draft Draft

- Path: Human resources > Workers > Employees



CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

The screenshot shows the Microsoft Dynamics 365 Human Resources interface. On the left, the 'Employees (Active)' list is displayed with various columns: Name, Search name, Personnel number, Phone, Extension, Worker type, Email a..., Job, Last name, Middle name, First name, National ID, Employment start date, Employment end date, Termination reason, and Last date worked. A specific employee record is selected, highlighted with yellow circles around the 'First name' (MSDers), 'Middle name' (Employee), 'Last name' (Worker 1), 'Personnel number' (555551), 'Employment start date' (01/01/2023 00:00:00), and 'Position' (002373). The 'Position title' is also circled. On the right, the 'Hire new worker' dialog box is open, showing fields for 'Name', 'Details', 'Position details', and 'Onboarding checklists'. The 'Available' section has 'US Only' selected. The 'Selected' section shows a checklist titled 'MSDers Title 1'.

The screenshot shows the Microsoft Dynamics 365 Human Resources interface. On the left, the 'Employees (Active)' list is displayed with various columns: Name, Search name, Personnel number, Phone, Extension, Worker type, Email a..., Job, Job level, Job family, Department, and Location. A specific employee record is selected, highlighted with yellow circles around the 'Personnel number' (555551), 'Name' (MSDers Employee Worker 1), 'Job' (MSDers. Wlaaa - Ahmad - Ahmad - Eslam - Safwan), 'Job level' (MSDers Job Level 1), and 'Department' (Graduation project of MS... - MSDers Dept). The detailed view for 'MSDers Employee Worker 1' is shown on the right, including sections for 'Worker summary', 'Name details', and 'Addresses'. The 'Worker summary' section includes fields for 'Personnel number', 'Seniority date', 'Sort order', 'Works from home', 'Office address', 'Reshire', 'Language', and 'OTHER INFORMATION'. The 'Name details' section includes fields for 'First name', 'Middle name', 'Last name prefix', 'Last name', 'Known as', 'Search name', 'Personal title', 'Personal suffix', and 'Display as'. The 'Addresses' section includes fields for 'Name or description', 'Address', 'Purpose', and 'Primary'.

CAI3_ERP8_G3 MSD HCM Application Consultant/Management &ERP

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

The screenshot shows the Microsoft Dynamics 365 Human Resources application. The top navigation bar includes links for Finance and Operations, Human resources, Workers, and Employees. The main content area displays a list of employees under the heading 'Employees (Active) | Standard view'. At the top right, there are filters for Account Manager, Job level, Employee status, and Location. Below the filters, a table lists employee details such as Name, Position, Description, Job level, Family, Department, Primary position, Assignment start, Assignment end, Reason code, and Active status. One row is highlighted in blue, showing 'MSDers Employee Worker 1 555551' with the position 'Account Manager'. The 'Positions' tab in the navigation bar is circled in yellow.

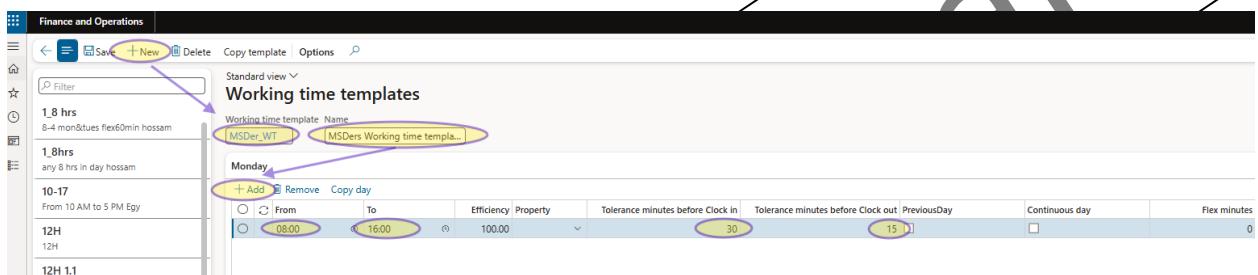
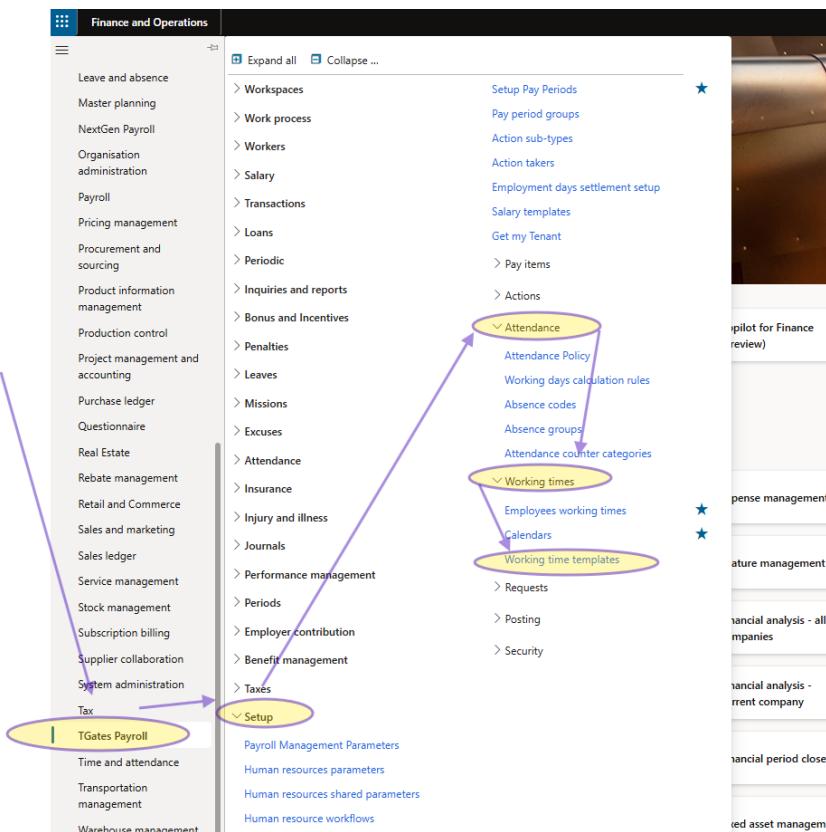
Assignment type	Status	Position	Description	Job level	Family	Department	Primary position	Assignment start	Assignment end	Reason code	Active
Employment	Active	000630	Account Manager	BS	المجموعة الفنية للوظائف المخصصة	الدرجة الثانية	MSDers Job Family 1	26/10/2025	26/10/2025		
Employment	Active	000642	Controller	IT Department	المجموعة العامة للوظائف المخصصة		MSDers Department 1	26/10/2025	26/10/2025		
Employment	Active	000685	مدير موارد بشرية	Human Resources			MSDers Department 1	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			01/01/2025	31/01/2025		

Draft Draft Draft

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

Instructor: Eng. Mahmoud Ahmad

Prepared by: Safwan– Eslam– Ahmad – Walaa



Draft Dr. C

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Finance and Operations

Working time templates

Working time template Name: **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 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.

OK **Cancel**

Working time templates

Working time template Name: **MSDer_WT** [MSDers Working time template...](#)

Closed for pickup
 No

Hours: 8.00

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.

Closed for pickup
 Yes

Hours

Saturday

+ Add Remove Copy day

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

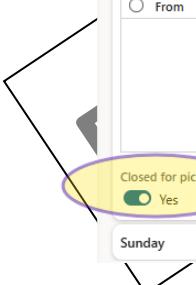


We didn't find anything to show here.

Closed for pickup
 Yes

Hours

Sunday



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 Time and Attendance module. The left sidebar lists various modules like Leave and absence, Master planning, etc. The main area shows a tree view of Time and attendance setup. A large purple arrow points from the 'Time and attendance' section at the bottom left to the 'Attendance' and 'Working times' sections on the right. Another purple arrow points from 'TGates Payroll' to the 'Setup' section. The 'Attendance' and 'Working times' sections are highlighted with yellow ovals. The 'Setup' section is also highlighted with a yellow oval.

- Leave and absence
- Master planning
- NextGen Payroll
- Organisation administration
- Payroll
- Pricing management
- Procurement and sourcing
- Product information management
- Production control
- Project management and accounting
- Purchase ledger
- Questionnaire
- Real Estate
- Rebate management
- Retail and Commerce
- Sales and marketing
- Sales ledger
- Service management
- Stock management
- Subscription billing
- Supplier collaboration
- System administration
- Tax
- TGates Payroll
- Time and attendance

Workspaces
Work process
Workers
Salary
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
Taxes

Setup Pay Periods
Pay period groups
Action sub-types
Action takers
Employment days settlement setup
Salary templates
Get my Tenant
Pay items
Actions
Attendance
Attendance Policy
Working days calculation rules
Absence codes
Absence groups
Attendance counter categories
Working times
Employees working times
Calendars
Working time templates
Requests
Posting
Security

Pay Management Parameters
Human resources parameters

Draft Dr. S

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Working time calendars

Standard view

Calendar	Name	Flex hours	Calculate tolerance minutes	Counter category Id	Base calendar
MSDer_8-16	1_8hrs	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	1_8hrs shi	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	1_shift 8	<input type="checkbox"/>	<input type="checkbox"/>		
	1_shift 8h	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	10-17	<input type="checkbox"/>	<input type="checkbox"/>		
	12Hr-Day	<input type="checkbox"/>	<input type="checkbox"/>		
	24 HOURS	<input type="checkbox"/>	<input type="checkbox"/>		
	24hr	<input type="checkbox"/>	<input type="checkbox"/>		
	8 H Eslam	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
	8 h eslam2	<input type="checkbox"/>	<input type="checkbox"/>		

Context Menu (Open over 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 > **TGates Payroll** > **Setup** > **Attendance** > **Working times** > **Calendars**

New

MSDer_Attendance Counter

Attendance counter categories, MSDer...

test

test

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 > **TGates Payroll** > **Setup** > **Attendance** > **Working times** > **Calendars**

Working times

Working time calendars

Standard view

MSDer_8-16

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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
	1_8hrs shi	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
	1_shift 8	<input type="checkbox"/>	<input type="checkbox"/>		
	1_shift 8h	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

Draft

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 > Attendance > Working times > Calendars

[Save](#) **Compose working times** Options

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

[Save](#) **Compose working times** Options

Working times | MSDer_8-16 : MSDers Calendar, 8 AM-4PM,

Standard view ▾

Working days

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

We didn't find anything to show here.

Total
0 rows

Working times

+ Add Remove

Calendar From To Tolerance minutes before Clock in Tolerance minutes before Clock out PreviousDay Continuous day Flex minutes Efficiency ... Properties

We didn't find anything to show here.

Hours

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

[Save](#) **Compose working times** Options

Working times | MSDer_8-16 : MSDers Calendar, 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	
11/10/2025	Saturday	41	October	Closed	
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	

Total
1548 rows

Dra

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

The screenshot shows the Microsoft Dynamics 365 Finance and Operations interface. The left navigation bar lists various modules like Leave and absence, Master planning, NextGen Payroll, etc. A yellow oval highlights 'TGates Payroll' under the Tax section. The main content area shows the 'Setup' section expanded, with 'Attendance' and 'Working times' highlighted in yellow ovals. A detailed view of the 'Employees working times' screen is shown at the bottom, with several fields circled in yellow: 'Calendar' (MSDer_8-16), 'From date' (01/01/2025), 'To date' (31/12/2029), 'Valid for workers' (All), and 'OK'. The 'Create lines' button is also circled.

Field	Value
Calendar	MSDer_8-16
From date	01/01/2025
To date	31/12/2029
Valid for workers	All
OK	OK

Employees working times

Standard view * ▾

Filter

	Personnel number	Worker	From date	To date
Calendar				
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

Draft Draft Draft

TGates payroll > Setup > Setup pay periods

Finance and Operations TGates Payroll > Setup > Setup Pay Periods

Pay Periods

Standard view

Pay Periods

Pay code: MSDers_Basic_Salary **Description:** MSDers Pay Period **Pay period type:** Periodic

Setup

FREQUENCY: Per Month (1)

CALCULATE:

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

Period codes

Generate period codes

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

Period codes

Period code: From date To date Payroll calculated Status

We didn't find anything to show here.

Total: 0 rows

DUAL CURRENCY

DUE JOURNAL APPROVAL

MISCELLANEOUS

Period code: MSDers Filter Title

External code:

Pay period group ID: MSDers Group ID

Sorting: 0

Finance and Operations TGates Payroll > Setup > Setup Pay Periods

Generate period codes

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

Frequency: Per Month

Period codes

Period code: From date To date Payroll calculated Status

We didn't find anything to show here.

Total: 0 rows

Finance and Operations TGates Payroll > Setup > Setup Pay Periods

Period codes generated

Standard view

Pay Periods

Pay code: MSDers_Basic_Salary **Description:** MSDers Pay Period **Pay period type:** Periodic

Period codes

Period code: From date To date Payroll calculated Status

We didn't find anything to show here.

Total: 0 rows

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Period codes

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	<input type="checkbox"/>	None
3	01/03/2025	31/03/2025	<input type="checkbox"/>	None
4	01/04/2025	30/04/2025	<input type="checkbox"/>	None
5	01/05/2025	31/05/2025	<input type="checkbox"/>	None
6	01/06/2025	30/06/2025	<input type="checkbox"/>	None

Total: 6 rows

Pay Periods

Pay code	Description	Pay period type
MSDers_Basic Salary	MSDers Pay Period	Periodic

Setup

FREQUENCY

Per: 1
Unit: Months

CALCULATE

Salary Entry: Yes
Allowances: Yes
Insurance: Yes
Salary Plans: Yes

Variable Entries

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

Compensation fixed plans

Settle employment days: No
External: Yes

TAX CALCULATION

Tax: Yes
Stamp: No

POSTING

Due journal name: GenJrn
Worker payment journal name: GenJrn
Vendor payment journal name: MSDers Ven

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**

DUAL CURRENCY

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

DUE JOURNAL APPROVAL

Workflow: No
Workflow ID:

Pay Periods

Pay code	Description	Pay period type
Safw12_P_Period_NonP	Sep 4, 2025 Session, 4, جمهوری اسلامی ایران	Non-periodic

Setup

CALCULATE

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

Variable Entries

Loans: No
Bonus: No
Incentives: No
Leaves: No

Medical and treatment

Missions: No

External

Settle employment days: No

Compensation fixed plans

Chargable days calculation rule: 30 days

TAX CALCULATION

Tax: Yes
Stamp: Yes

POSTING

Due journal name: GenJrn
Worker payment journal name: RDGenJrn
Vendor payment journal name: VendPay

MISCELLANEOUS

Filter title: All
External code:
Pay period group ID: Supplemental
Sorting: 0

DUAL CURRENCY

Enable dual currency feature: No

DUE JOURNAL APPROVAL

Workflow: No
Workflow ID:

Period codes

Period code	From date	To date	Payroll calculated	Status
1	07/09/2025	11/09/2025	<input type="checkbox"/>	None

Draft

TGates payroll > Setup > Pay item > Pay item groups

Finance and Operations | TGates Payroll > Setup > Setup Pay Periods

Fleet management
General ledger
Global inventory accounting
HR business process
Human resources
Inventory management
Landed cost
Leave and absence
Master planning

Save + New Delete Pay items Options

Standard view ▾

Pay item groups

Group ID	Description
MSDers_Addition	Pay item groups - Graduation...

Associated Salary Items

+ Add line	Item ID	Description	Default
	MSDers_Payitem_Addition	Addition Pay Item - Grad...	<input checked="" type="checkbox"/>

Finance and Operations | TGates Payroll > Setup > Pay items > Pay item groups

msde

MSDers_Addition
Pay item groups - Graduation project ...

MSDers_Deduction
Deduction - Graduation project of MSDe

Standard view ▾

Pay item groups

Group ID	Description
MSDers_Deduction	Deduction - Graduation proj...

Associated Salary Items

+ Add line	Item ID	Description	Default
	MSDers_Payitem_Deduction	Pay Item - Deduction - Graduation project of MSDers	<input checked="" type="checkbox"/>

TGates payroll > Setup > Pay items > Pay items

Finance and Operations | TGates Payroll > Setup > Setup Pay Periods

Fleet management
General ledger
Global inventory accounting
HR business process
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

Save + New Delete Calculation Options

Standard view ▾

Pay items

Item ID	Description	Search name	Group ID	Suspended
MSDers_Payitem_Addition	Addition Pay Item - Graduation...	MSDers_Payitem_Addition	MSDers_Addition	No

General

CALCULATION	TAX	MISCELLANEOUS	OVERRIDE SETTINGS
Calc. Method <input checked="" type="radio"/> Constant	Calculate taxes <input checked="" type="radio"/> No	Currency EGP	Override source type <input checked="" type="radio"/> No
Calc. type <input checked="" type="radio"/> Addition	Calculate insurance <input checked="" type="radio"/> No	Basic	Filter title MSDers_Filter Title
Calculate insurance <input checked="" type="radio"/> No	POSTING	Hidden	Tax code
Base Calc. <input checked="" type="radio"/> No	Account type Ledger	<input checked="" type="radio"/> No	External code
Based on chargeable days <input checked="" type="radio"/> No	Account		

Pay item groups

+ Add line	Group ID	Description	Default
	MSDers_Addition	Pay item groups - Gradua...	<input checked="" type="checkbox"/>

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 T Gates Payroll. A new pay item group named 'MSDers_PayItem_Deduction' is being created. The 'Calculation' section shows 'Calc. Method' set to 'Constant' and 'Calc. type' set to 'Deduction'. The 'General' section includes fields for 'Description' (Pay Item - Deduction - Graduation project of MSDers), 'Group ID' (MSDers_Deduction), and 'Suspended' (No). The 'TAX' section has 'Calculate taxes' set to 'No'. The 'POSTING' section specifies 'Account type' as 'Ledger' and 'Account' as '110105--'. The 'MISCELLANEOUS' section sets 'Currency' to 'EGP'. The 'Override Settings' section includes 'Filter title' (MSDers Filter Title), 'Tax code', 'External code', and 'Employer contribution'.

T Gates payroll > Setup > Pay items > Pay items > Calculation

This screenshot shows the 'Pay items' screen in T Gates Payroll. A new pay item named 'MSDers_Pl_Ded_Variable' is being created. The 'Calculation' section shows 'Calc. Method' set to 'Variable' and 'Calc. type' set to 'Deduction'. The 'General' section includes fields for 'Description' (Pay item Deduction Variable...), 'Group ID' (MSDers_Pl_Ded_Variable), and 'Suspended' (No). The 'TAX' section has 'Calculate taxes' set to 'No'. The 'POSTING' section specifies 'Account type' as 'Ledger' and 'Account' as '110105--'. The 'MISCELLANEOUS' section sets 'Currency' to 'EGP'. The 'Override Settings' section includes 'Hidden' (No), 'sort' (0.00), 'Tax code', 'External code', and 'Employer contribution'.

Draft Dra'

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Draft Draft Draft

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, and Transportation. The main content area shows a list of transactions under the Transactions category, with Variable Entries highlighted. A large callout bubble points to the Variable Entries screen.

Variable Entries

MSDers_Basic Salary : 9

General

Entry batch number USMF-000000129	Description Test Variable - Graduation pr...	Pay code MSDers_Basic Salary	Period code 9	Transaction type Manual	Approval Status Pending	Period ID
--------------------------------------	---	---------------------------------	------------------	----------------------------	----------------------------	-----------

Lines

Date	Personnel number	Worker	Item ID	Calculation ID	Days	Hours	Amount in...	Reference pay code	Reference Period C...	Currency	Descript
29/10/2025	555551	MSDers Employee Worker 1	msd	*	0	0.00	MSDers_Basic ...	9			
			MSder_P_..._Add_AmountCalc	Variable_P_Item_AmountC...	MSDers_Addition			Variable	Addition		
			MSder_P_..._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		

MSDers_Basic Salary : 9

General

Entry batch number USMF-000000129	Description Test Variable - Graduation pr...	Pay code MSDers_Basic Salary	Period code 9	Transaction type Manual	Approval Status Pending	Period ID
--------------------------------------	---	---------------------------------	------------------	----------------------------	----------------------------	-----------

Lines

Date	Personnel number	Worker	Item ID	Calculation ID	Days	Hours	Amount in...	Reference pay code	Reference Period C...	Currency	Descript
29/10/2025	555551	MSDers Employee Worker 1	msd	*	0	0.00	MSDers_Basic ...	9			
			MSder_P_..._Add_AmountCalc	Variable_P_Item_AmountC...	MSDers_Addition			Variable	Addition		
			MSder_P_..._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		

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

Draft Draft Draft

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:

- Finance and Operations
- Human resources
- Inventory management
- Landed cost
- Leave and absence
- Master planning
- TGates Payroll** (highlighted with a yellow oval)
- 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
- Salary** (highlighted with a yellow oval)
- Salary Entry** (highlighted with a yellow oval)
- 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

The main content area displays the "Salary Entry" screen for "msd". The screen includes fields for Salary ID (555551), Name (MSDers Employee Worker 1), Pay code (MSDers_Basic_Salary), Worker (MSDers Employee Worker 1), Personnel number (555551), and Suspended (No). Below this, a table lists salary lines:

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		No		Addition		
MSDers_Constant_Addition	Pay Item - Constant Addition, Graduation project of MSDers,	5,000.00	EGP				Addition		
MSDers_Constant_Deduction	Constant Deduction - Graduation project of MSDers,	2,000.00	EGP				Deduction		

At the top right of the "Salary Entry" screen, there are buttons for "OPEN IN EXCEL" and "EXPORT TO EXCEL". A large "Draft" watermark is visible across the bottom left of the entire interface.

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

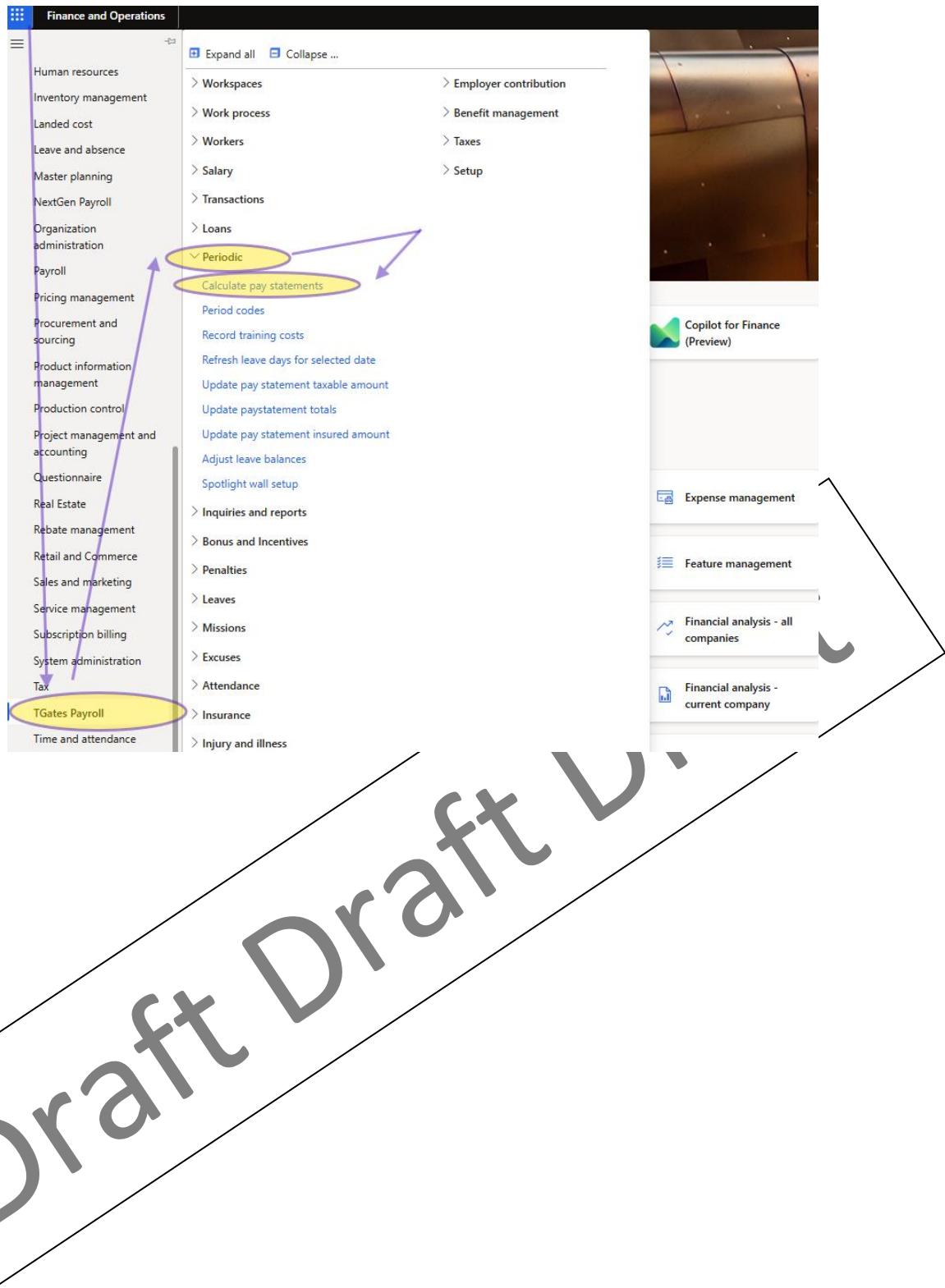
Instructor: Eng. Mahmoud Ahmad Prepared by: Safwan– Eslam– Ahmad – Walaa

The screenshot shows the SAP Fiori interface for the 'Salary Entry' screen. The top navigation bar includes 'Finance and Operations', 'T-Code Payroll', 'Salary', and 'Salary Entry'. The main area displays a table of salary entries for 'msd' under 'Salary ID'. The table columns include 'Name', 'Pay code', 'Worker', 'Personnel number', and 'Suspended'. A separate section titled 'Lines' shows detailed items like 'MSDers_Basic_Salary', 'MSDers_Constant_Addition', and 'MSDers_Constant_Deduction' with their descriptions, amounts, currencies, and calculation types. In the top right, there are buttons for 'Standard view', 'Export to Excel', and 'Salary Entry'. The 'Download' button is specifically highlighted with a yellow oval.

	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	

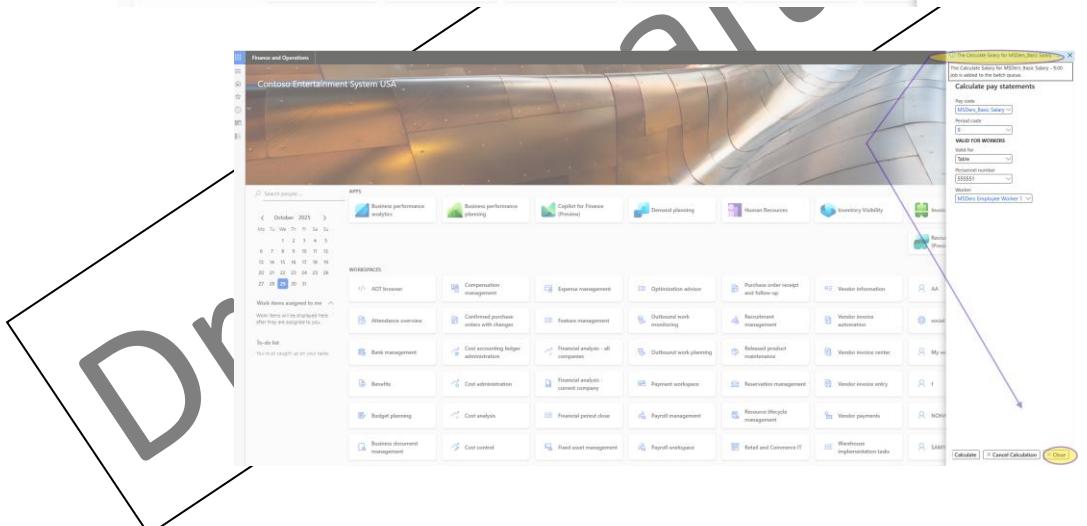
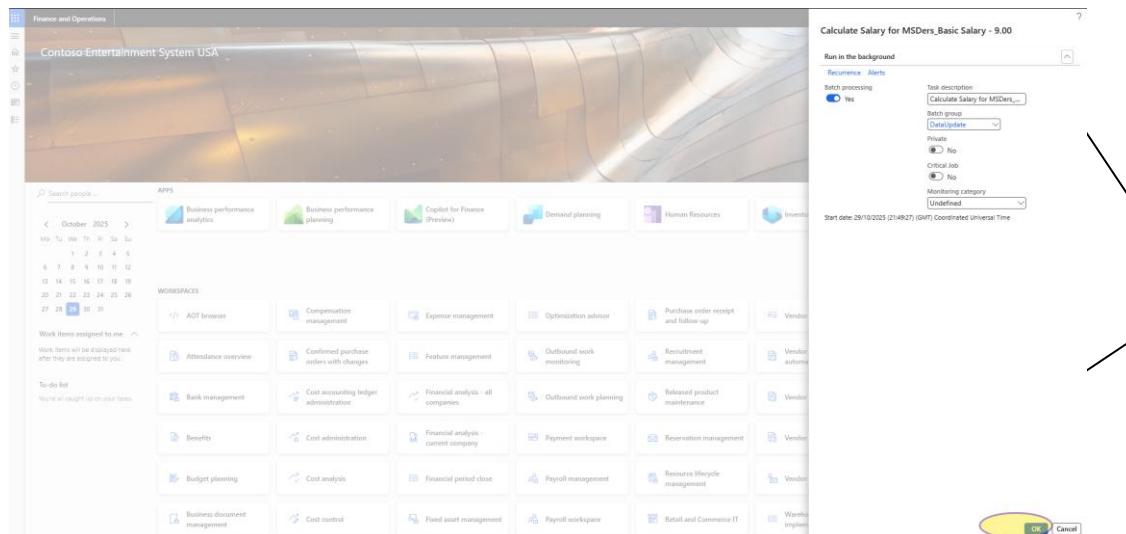
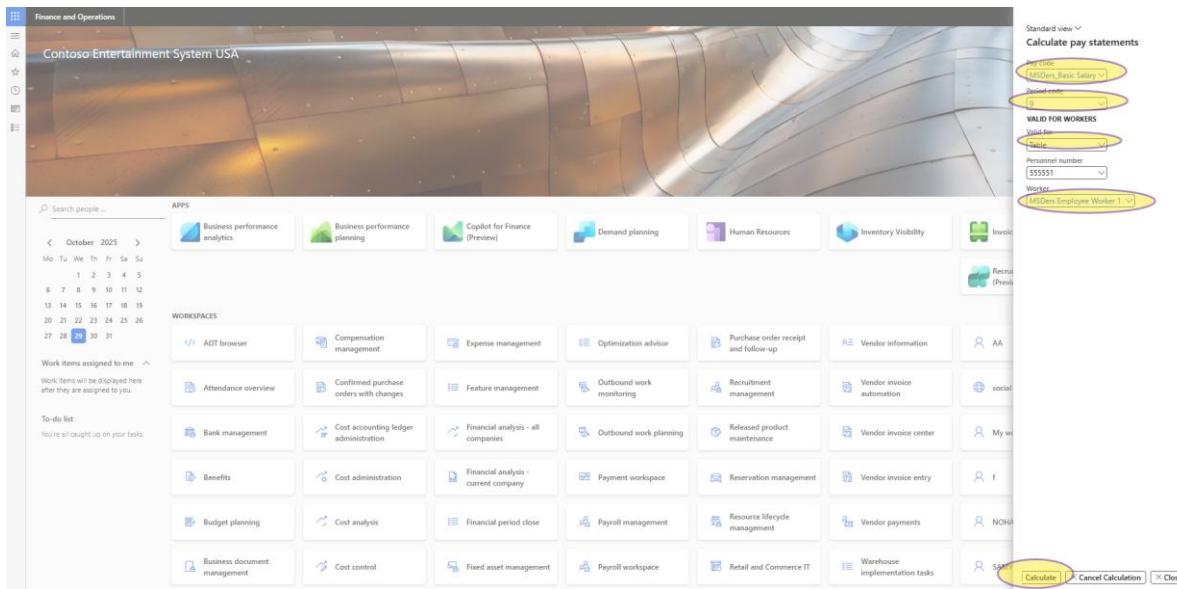
Draft Draft Draft

TGates Payroll > Periodic > Calculate pay statement



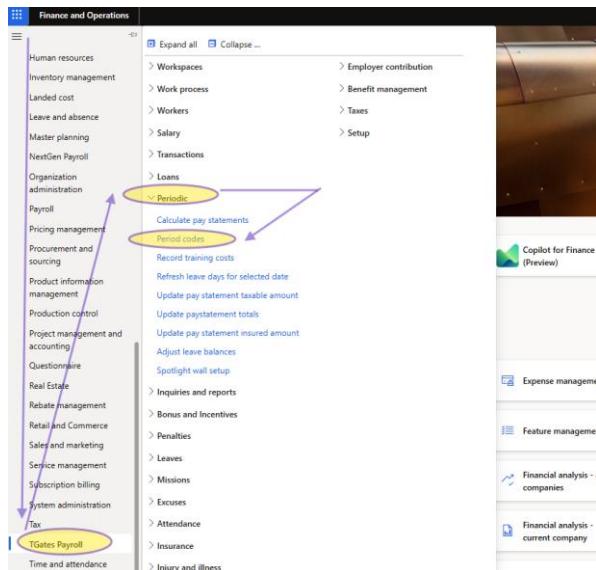
CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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



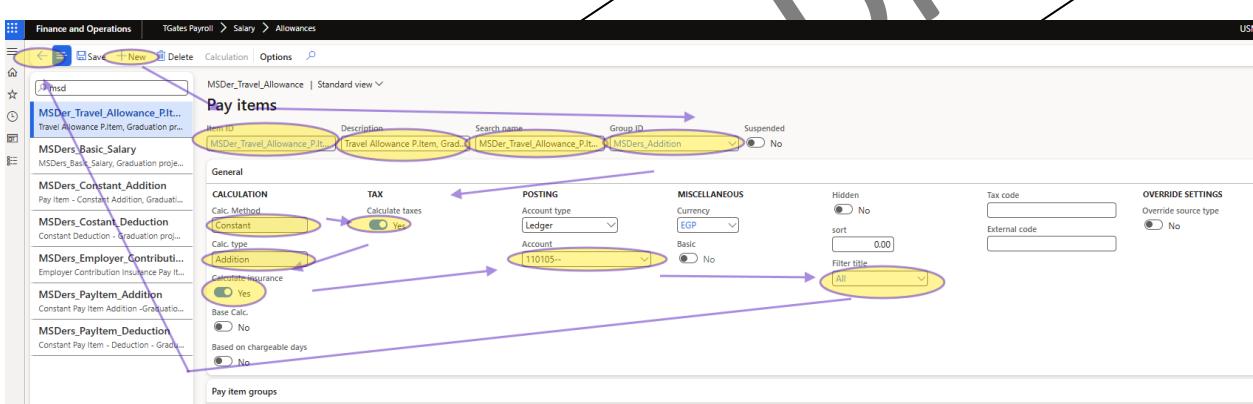
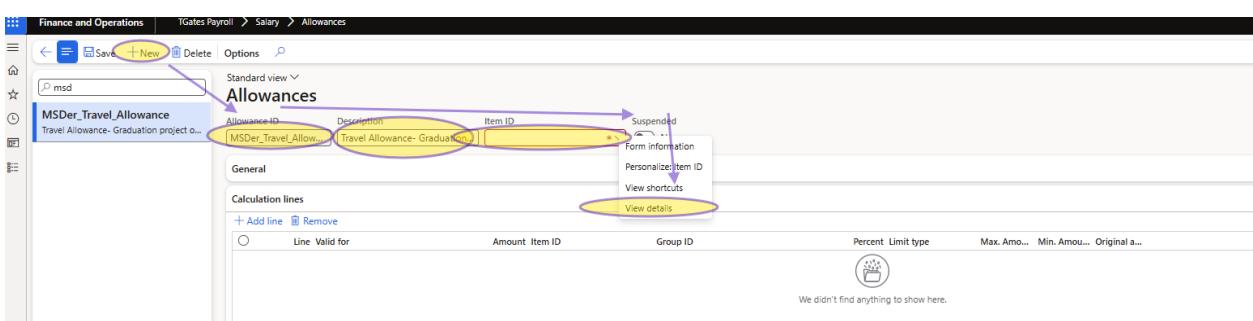
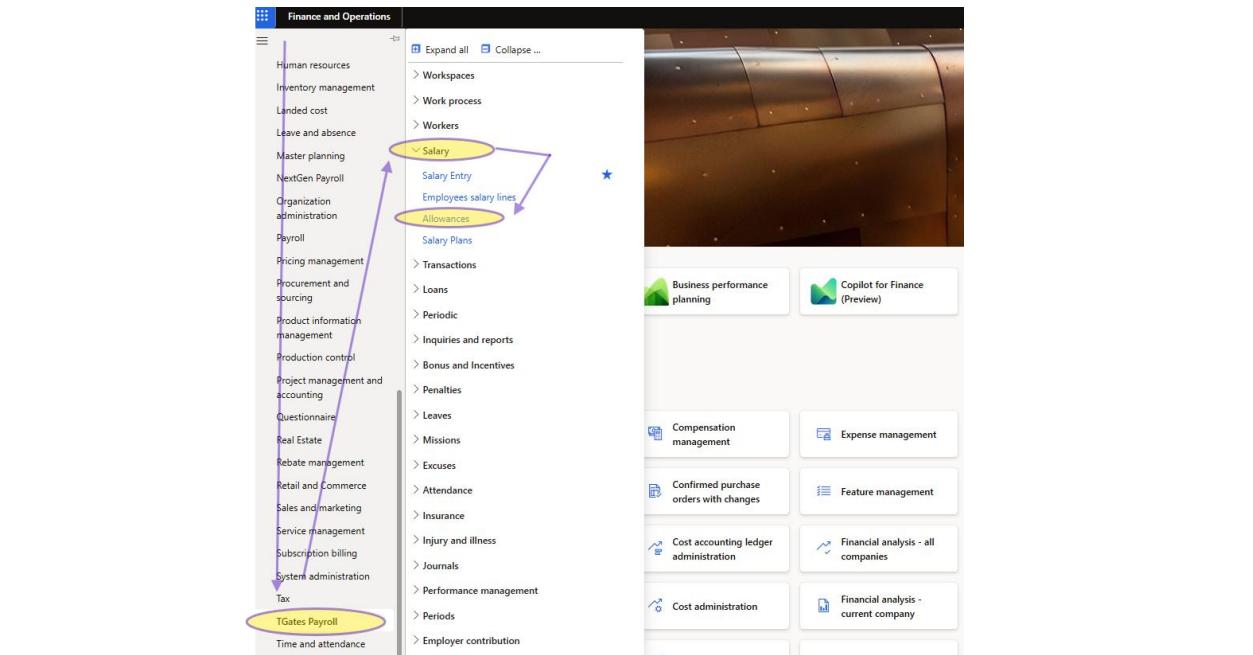
Pay code	Period code	Description	Month	From date	To date	Payroll calculated	Status
MSDers_Basic Salary	1		January	01/01/2025	31/01/2025		None
MSDers_Basic Salary	2		February	01/02/2025	28/02/2025		None
MSDers_Basic Salary	3		March	01/03/2025	31/03/2025		None
MSDers_Basic Salary	4		April	01/04/2025	30/04/2025		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
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

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		

Draft

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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



Dra

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** > **Salary** > **Allowances**

Standard view > Allowances

Allowance ID MSDer_Travel_Allow...	Description Travel Allowance- Graduation project ...	Item ID MSDer_Travel_Allowance_P...	Suspended <input checked="" type="radio"/>
General			
PAY PERIODS		VALID FOR WORKERS	
Valid for <input type="button" value="Table"/>	Valid for workers <input type="button" value="Table"/>	Pay code MSDers_Basic Salary	
Calculation lines <input type="button" value="Add line"/> <input type="button" value="Remove"/>			
Line	Worker group	Valid for	Amount Item ID Group ID Percent Limit type Max. Amo... Min. Amou... Original a...

Pay code
MSDers_Basic Salary

Calculation lines

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

Context menu for Line 1.0:

- 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

Finance and Operations > **T Gates Payroll** > **Salary** > **Worker groups**

Standard view > Worker groups

Worker group MSDer_Travel_Allowance_WGr...	Description Worker Group, Travel Allowance, Grad...						
Criteria							
Workers	General						
<input type="button" value="Add line"/> <input type="button" value="Remove"/>							
<input type="checkbox"/> Suspended	Personnel number	Worker	Department	Job type	Job level	Title	Marital status
<input type="checkbox"/> 555351	555351	MSDers Employee Worker 1					
<input type="checkbox"/> 555352	555352	MSDers Employee Worker 2					None
<input type="checkbox"/> 555353	555353	MSDers Employee Worker 3					None
<input type="checkbox"/> 555354	555354	MSDers Employee Worker 4					None

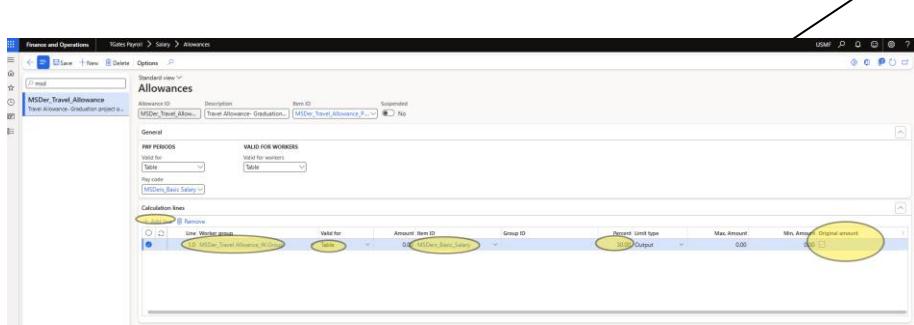
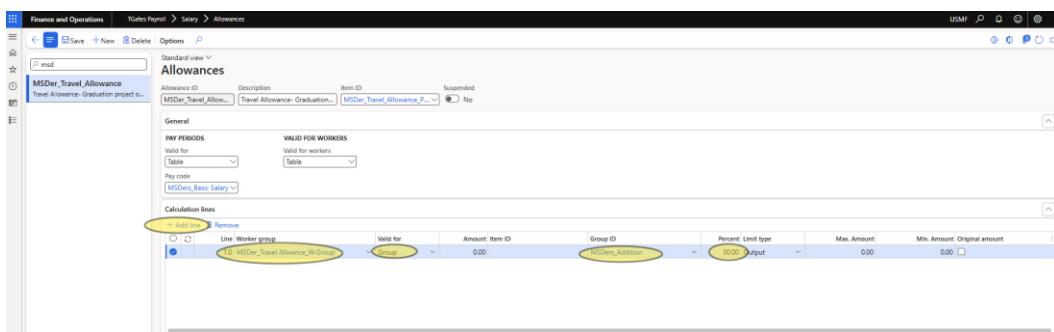
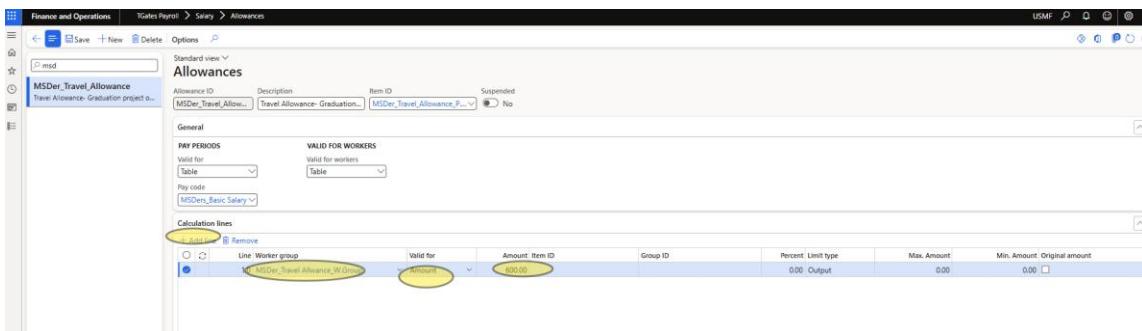
Total
4 rows

Results

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

Draft

CAI3_ERP8_G3 MSD HCM Application Consultant/Management &ERP
Instructor: Eng. Mahmoud Ahmad Prepared by: Safwan– Eslam– Ahmad – Walaa



Draft Draft

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

The screenshot shows the SAP Fiori Launchpad with the 'Finance and Operations' app selected. The 'Insurance Plans' module is highlighted with a yellow oval. Other modules like 'Compensation management', 'Expense management', and 'Cost accounting ledger administration' are also visible.

The screenshot shows the 'TGates Payroll > Insurance > Insurance Plans' screen. The 'Plan ID' field is highlighted with a yellow oval. Other fields like 'Description', 'Item ID', and 'Suspended' are also highlighted with ovals.

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' screen in the 'Finance and Operations' module. A specific pay item, 'MSDer_Employee_Insurance', is selected. The configuration includes:

- Pay items:** Item ID: MSDer_Employee_Insurance, Description: Pay item, Employee Insurance.
- CALCULATION:** Calc Method: Constant, Calc Type: Reduction.
- PAYMENT:** Account type: Ledger, Account: 110105.
- MISCELLANEOUS:** Currency: EGP, Basic: No, Filter title: All.
- Employer contribution:** Employer contribution is set to No.

This screenshot shows the 'Insurance Plans' screen in the 'Finance and Operations' module. A specific pay item, 'MSDer_Employee_Insurance', is selected. The configuration includes:

- General:** Plan ID: MSDer_Employee_In, Description: Insurance Plan - Employee, Graduation..., Item ID: MSDer_Employee_Insurance.
- PERCENTAGE/AMOUNT:** Percent for employees over 60: 1.00, Percent for employees under 18: 1.00, Percent: 11.00.
- 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.

Employer Contribution

This screenshot shows the 'Insurance Plans' screen in the 'Finance and Operations' module. A specific pay item, 'MSDerPlayer Cont Ins.Plan', is selected. The configuration includes:

- General:** Plan ID: MSDerPlayer Cont Ins.Plan, Description: Insurance Plan, Employer Contribution, Item ID: MSDerPlayer Cont Ins.Plan.
- PERCENTAGE/AMOUNT:** Percent for employees over 60: 0.00, Percent for employees under 18: 0.00, Percent: 0.00.
- LIMIT:** Max. Amount: 0.00, Min. Amount: 0.00.
- PAY PERIODS:** Valid for: Table, Pay code: MSDers_Basic_Salary.
- WORKERS:** Valid for: Table.

Draft

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
MSDer_Employer_Contr_PItem	Pay item, Employer Contribution, Graduation project...	Pay item, Employer Contribution... (MSDer_Employer_Contr_PItem)	MSDer_Deduction	No

EMPLOYER CONTRIBUTION POSTING

Employer contribution ID	Ledger	Override source type
--------------------------	--------	----------------------

EMPLOYER CONTRIBUTION

Account type	Ledger
Account	110105...

Pay items

Item ID	Description	Search name	Group ID	Suspended
MSDer_Employer_Contr_PItem	Pay item, Employer Contribution, Graduation project...	Pay item, Employer Contribution... (MSDer_Employer_Contr_PItem)	MSDer_Deduction	No

GENERAL

CALCULATION	TAX	POSTING	BASIC
Calc Method Constant	Calculate taxes No	Account type Ledger	Basic No
Calc type Deduction	Do not exceed max exempted a... No	Account 110105...	Hidden Yes

EMPLOYER CONTRIBUTION

Employer contribution ID	Ledger	Override source type
Employer contribution	Yes	Form information
Employer contribut...	Ledger	Personalize employer contribution ID
Account	110105...	View shortcuts

Standard view ▾

Employer contribution

Employer contribution ID	Description	Suspended
MSDer_Employer_Contr_PItem	Employer contribution - Graduation project...	No

GENERAL

PAY PERIODS	VALID FOR WORKERS	Employer contribution rule
Valid for Table	All	MSDer_Employer_Contr_PItem
Pay code MSDer_Basic_Salary		

Pay items

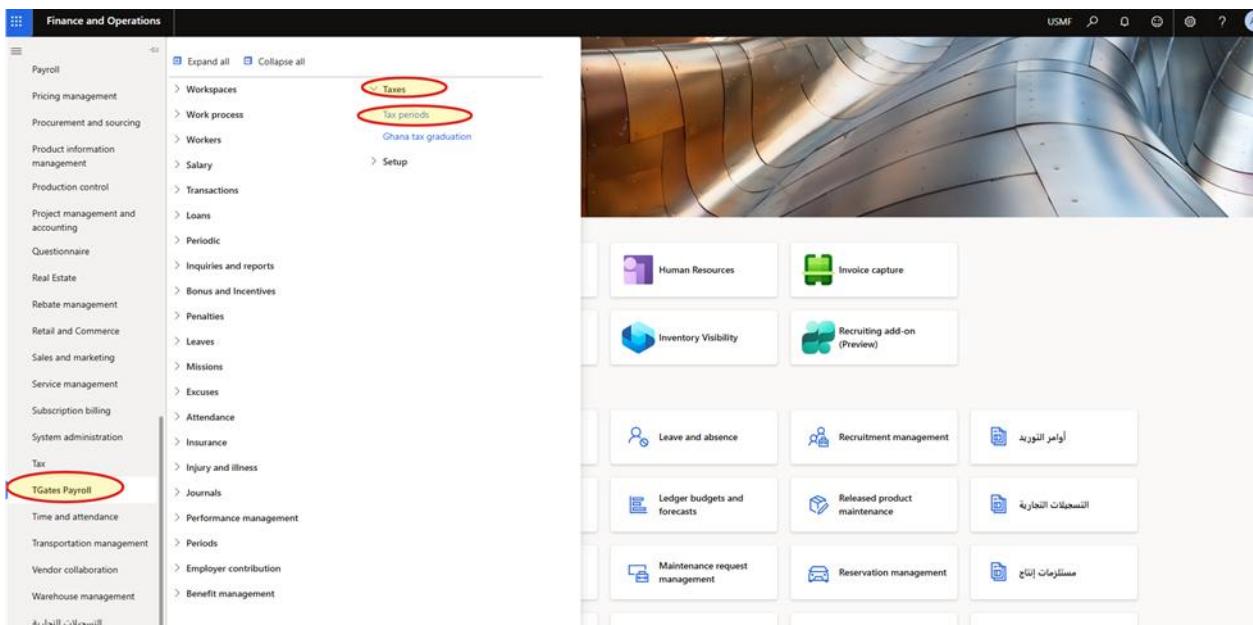
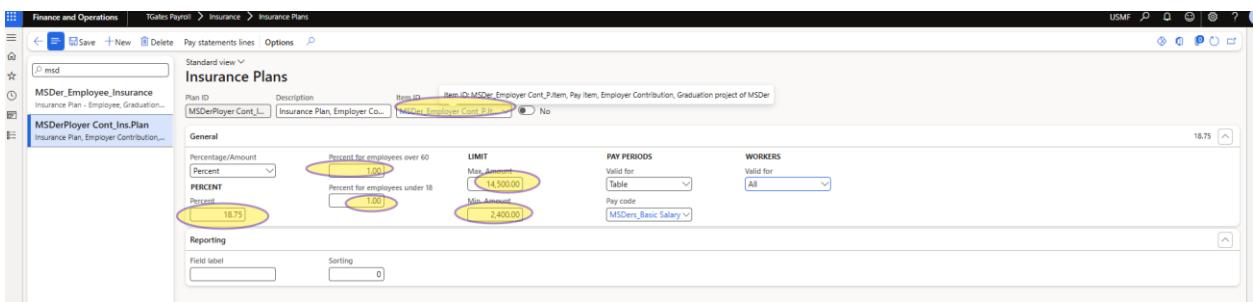
Item ID	Description	Search name	Group ID	Suspended
MSDer_Employer_Contr_PItem	Pay item, Employer Contribution, Graduation project...	Pay item, Employer Contribution... (MSDer_Employer_Contr_PItem)	MSDer_Deduction	No

EMPLOYER CONTRIBUTION

Employer contribution ID	Ledger	Override source type
Employer contribution	Yes	No
Employer contribut...	Ledger	Personalize employer contribution ID
Account	110105...	View shortcuts

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 | 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_ossam	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
1_ضرائب_ossam	1_ضرائب_ossam	1/1/2024	12/31/2027	1_ضرائب_ossam	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_Hait...	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 (أسس)	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"/>
ضرائب التبرعية بكار	ضرائب التبرعية بكار	1/1/2050	12/31/2050	(الإيجار) ضرائب	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
حرائب (أبراهيم)	ناميات حرب (أبراهيم)	1/1/2025	12/31/2025	حرائب (أبراهيم)	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
حرائب هبة محمد	حرائب هبة محمد	1/1/2025	12/31/2025	حرائب 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

CALCULATION	TAX	POSTING	Basic	Tax code
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...	

Draft ✓

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Finance and Operations | TGate Payroll > Taxes > Tax periods

[Save](#) [New](#) [Delete](#) [Tax segments](#) [Options](#) [Filter](#)

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...
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	<input type="checkbox"/>
1_2024	1_2024	1/1/2024	12/31/2027	1_2024	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
2024_الحد	2024_الحد	1/1/2024	12/31/2024	2024_الحد	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
Ibrahim2025	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_mahmoud	Taxes mahmoud	1/1/2025	12/31/2025	Taxes mahmoud	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
Taxes_2010_Haitham	Taxes_2010_Haitham	1/1/2010	12/31/2010	Taxes_Haitham	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	Taxes (الراتب)	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_Habiba	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
راتب المدحود	راتب المدحود	1/1/2050	12/31/2050	(راتب)	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
راتب (ابراهيم)	راتب (ابراهيم)	1/1/2025	12/31/2025	(راتب (ابراهيم))	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>
راتب محمد	راتب محمد	1/1/2025	12/31/2025	راتب محمد	20,000.00	30,000.00	0.00	0.00	<input type="checkbox"/>

Finance and Operations | TGate Payroll > Taxes > Tax periods

[Save](#) [New](#) [Delete](#) [Options](#) [Filter](#)

Tax segments

Standard view ▾

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 EGPI.2m	900,001.00	1,200,000.00
6	Safw1Z_More than 1.2m	1,200,000.01	999,999,999.00

Calculation details

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

Draft

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 Taxes, along with various application tiles such as 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 التسجيلات التجارية (Commercial registration). A large watermark for 'soft1' is visible across the bottom right.

This screenshot shows the 'Salary Plans' form in Microsoft Dynamics 365. The 'Plan ID' field contains 'Safw12_Fund' and the 'Description' field contains 'Safw12 Fund. Sep 27'. The 'Item ID' field has a red circle around its input field. The 'PLAN' field is also circled in red. The 'Calculation lines' section shows a table with one row, and 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

Salary Plans

General

PAY PERIODS: Valid for Table, Pay code: Safw12_Pay Period

VALID FOR WORKERS: Valid for workers All

PLAN LIMIT: Limit type Output

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"/>

Salary Plans

General

PAY PERIODS: Valid for Table, Pay code: Safw12_Pay Period

VALID FOR WORKERS: Valid for workers All

PLAN LIMIT: Limit type Output

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"/>

Draft

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Loans

Standard view ▾

Loan type	Loan ID	Worker	Date	Pay code	Period code	Period Amount	Item ID	Deducted	Suspended	Split
Safw12_Personal Loan	Loan-00015	Ted Howard	12/31/2025	Safw12_Pay Period	12	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	1/31/2026	Safw12_Pay Period	13	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	2/28/2026	Safw12_Pay Period	14	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	3/31/2026	Safw12_Pay Period	15	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	4/30/2026	Safw12_Pay Period	16	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	5/31/2026	Safw12_Pay Period	17	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	6/30/2026	Safw12_Pay Period	18	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	7/31/2026	Safw12_Pay Period	19	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	8/31/2026	Safw12_Pay Period	20	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	9/30/2026	Safw12_Pay Period	21	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	10/31/2026	Safw12_Pay Period	22	83.33	Safw12_Loan_Pay Item			
Safw12_Personal Loan	Loan-00015	Ted Howard	11/30/2026	Safw12_Pay Period	23	83.33	Safw12_Loan_Pay Item			

Total 12 rows

Excuses

Excuses

Excuse ID	Description	Excuse type
Safw12_Excuse_2	Safw12_Excuse_2	

General

Valid for workers: All

LIMITS

- Max number of excuses: 2
- Turn over: Safw12_Excuse turn over
- Max hours: 4.00
- Max hours per request: 2
- Min hours per request: 0

ACTIONS

- Exceed Max: No

DEFAULT VALUES

- From: 08:00 AM
- To: 04:00 PM

APPROVAL

- Approval type: Quick approval
- Private for user group: Safw12_Abs

EMPLOYEE SELF SERVICE

- Enable request from self-service: Yes
- User group: Safw12_Abs

Dra

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 allowance, Cash advances, All expense reports, and Options. The 'Mission allowance' button is circled in red. 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. Many rows in the table have Arabic text, indicating the system supports multiple languages.

Leaves

This screenshot shows the SAP Fiori interface for leave setup. The left sidebar lists various HR modules like Payroll, Procurement, and Tax. The main area shows a list of leave types under the 'Leaves' section. A red circle highlights the 'Safe12_Casual' button in the list. The right side of the screen shows detailed configuration for this leave type, including approval settings, employee self-service options, and leave request submission rules. A large red box highlights the 'Accrued balance rules' section, which contains a table with columns for Line number, Description, Accrued to..., Age, Age direction, From years of service, To years of service, Person with disabilities, Location, and Added Bal... Employee type. One row in the table is also circled in red.

Dra'

Attendance Policy

CAI3_ERP8_G3 MSD HCM Application Consultant/Management & ERP

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

Attendance Policy

General

VALID FOR WORKERS	PAY PERIODS	EFFECTIVE DATE
Valid for workers All	Valid for Table	Effective 03/11/2025
Worker group A. Moharram	Pay code Safev1Z_Pay Period	Expiration Never

Policy Lines

Weekday: Any day

Any day

+ Add line Remove

Rule Type	Action ID	Rule Type	Every	Turn over type	To Time
Absence	Safev1Z_Action_Warning_إعذ	Over time	1.00	Period	23:00
Absence	Safev1Z_1/4 day_Deduction	Action ID	Safev1Z_Over Time	From	0
Absence	Safev1Z_1/2 day_Deduction	Counter Type	Hours	To	999,999,999...
Absence	Safev1Z_Full day_Deduction			From time	16:00
Leave Early	Safev1Z_Early Leave			Week end	No
Over time	Safev1Z_Over Time				

of rows
7 rows

Penalties

MSDers Employee Worker 1 555551

Penalties

Action number	Penalty Reason	Penalty	Penalty Date	Unit	Absence Duration	Investigation number	Action approved on	Action date	Erase date	Erase Status	Action approval status
MSDer_Penal_Act	MSDer_Penalty_Salary De...	1.00	Day	0.00			04/11/2025	04/11/2025		Pending	Approved

Appraisal

MSDers Employee Worker 1

Appraisal

Standard view *

Discussion	Description	Worker	Review type	Status	Start date	Performance period	Total goals...	Final employee rating
003356	Review types, MSDers project	MSDers Employee Worker 1	MSDer/Appraisal	Not started	01/01/2025	MSDer Annual Performance	95.50	Excellent

Draft

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	
AMOUNTS IN REPORTING CURRENCY				
TAXES				
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	
AMOUNTS IN REPORTING CURRENCY				
TAXES				
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...

Draft Draw

Financial Posting

Finance and Operations						
<input type="button" value="Save"/> <input type="button" value="Delete journal from GL"/> <input type="button" value="Transfer to Ledger"/> <input type="button" value="Bank transfer"/> <input type="button" value="Vendor payments"/> <input type="button" value="Options"/> <input type="button" value="Search"/>						
Standard view ▾ Due Journal Lines						
Due journal number	Description	Journal batch number	Posted	Posted on		
<input type="text" value="USMF-000000004"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="Not posted"/>	<input type="text"/>		
Pay code	Period code	Date	Total in reporting currency			
<input type="text" value="MSDers_Basic_Salary"/>	<input type="text" value="10"/>	<input type="text" value="06/11/2025"/>	<input type="text" value="0.00"/>			
<u>Lines</u> Financial dimensions						
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Finance and Operations Human resources > Workers > Employees																														
<input type="button" value="Save"/> <input type="button" value="Change status"/> <input type="button" value="Print"/> <input type="button" value="Options"/> <input type="button" value="Search"/>																														
Standard view ▾ Pay statement																														
Pay statement number	Personnel number	Worker	Status	Approval Status																										
<input type="text" value="USMF-0000024035"/>	<input type="text" value="555551"/>	<input type="text" value="MSDers Employee Worker 1"/>	<input type="text" value="Calculated"/>	<input type="text" value="Approved"/>																										
Department	Job	Job level	Job family	Location																										
<input type="text" value="MSDers Department 1"/>	<input type="text" value="MSDers_Walaa - Ahmad - Ah..."/>	<input type="text" value="MSDers Job Level 1"/>	<input type="text" value="MSDers Job Family 1"/>	<input type="text"/>																										
Pay code	Period code	Date	Chargeable days																											
<input type="text" value="MSDers_Basic_Salary"/>	<input type="text" value="10"/>	<input type="text" value="31/10/2025"/>	<input type="text" value="31"/>																											
AMOUNTS IN REPORTING CURRENCY TAXES																														
Additions	Deductions	Net	Annual taxable amount	Current taxable amount																										
<input type="text" value="35,000.00"/>	<input type="text" value="7,328.95"/>	<input type="text" value="27,671.05"/>	<input type="text" value="336,520.00"/>	<input type="text" value="336,520.00"/>																										
<u>Additions</u> <u>Deductions</u> Employer contribution																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Item ID</th> <th>Description</th> <th>Amount</th> <th>Cur...</th> <th>Source type</th> <th>Reference</th> <th>Date</th> <th>Group ID</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="radio"/> MSDers_Basic_Salary</td> <td>MSDers_Basic_Salary_Graduation project of MSD...</td> <td>30,000.00</td> <td>EGP</td> <td>Constant</td> <td>555551</td> <td>31/10/2025</td> <td>MSDers_Addition</td> </tr> <tr> <td><input type="radio"/> MSDers_Constant_Addition</td> <td>Pay Item - Constant Addition_Graduation projec...</td> <td>5,000.00</td> <td>EGP</td> <td>Constant</td> <td>555551</td> <td>31/10/2025</td> <td>MSDers_Addition</td> </tr> </tbody> </table>							Item ID	Description	Amount	Cur...	Source type	Reference	Date	Group ID	<input checked="" type="radio"/> MSDers_Basic_Salary	MSDers_Basic_Salary_Graduation project of MSD...	30,000.00	EGP	Constant	555551	31/10/2025	MSDers_Addition	<input type="radio"/> MSDers_Constant_Addition	Pay Item - Constant Addition_Graduation projec...	5,000.00	EGP	Constant	555551	31/10/2025	MSDers_Addition
Item ID	Description	Amount	Cur...	Source type	Reference	Date	Group ID																							
<input checked="" type="radio"/> MSDers_Basic_Salary	MSDers_Basic_Salary_Graduation project of MSD...	30,000.00	EGP	Constant	555551	31/10/2025	MSDers_Addition																							
<input type="radio"/> MSDers_Constant_Addition	Pay Item - Constant Addition_Graduation projec...	5,000.00	EGP	Constant	555551	31/10/2025	MSDers_Addition																							

Draft Draft Draft Dra'