



EVANTAGE SOLUTIONS SDN BHD

# **Computerized Maintenance Management System (CMMS)**

***USER MANUAL  
(Asset Hierarchy)***

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# DOCUMENT CONTROL

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Revision No	Revision Date	By	Description of Changes
1.0	14/02/2023	Zuhair	First Version of User Manual – Asset Hierarchy

## Scenario

The scenario entails establishing an asset hierarchy system within a multinational corporation to organize assets based on their relationships and dependencies, facilitating better asset management, maintenance prioritization, and decision-making processes. In this syllabus, we will guide on how to create an asset hierarchy for an organization.

## 1. Asset Hierarchy.

### What it's for

The asset hierarchy system serves the purpose of organizing assets within a multinational corporation based on their relationships and dependencies, enabling streamlined asset management, efficient maintenance prioritization, and informed decision-making processes.

### Create Asset Hierarchy

- 1.1 On the left panel of the system, click on **Assets > Asset Register**



Figure 1.1

- 1.2 Asset table view will pop up and data will retrieve. Click on **Define** button.

DEMO Evantage Solutions Sdn Bhd								
Asset Register								
Asset No	Asset Group Code	Asset Type	Asset Code	Status	Critical Factor	Cost Center	Work Group	Short Description
ACB\100001	ACB	PM	ELE	ACT	C	8008140	UTILITY	Air circuit breaker 1600 Amp
AC100001	AC	PM	ELE	ACT	C	8008140	UTILITY	Air cond unit
GRINDER\100001	GRINDER	PM	ELE	ACT	C	8008140	UTILITY	Grinder
AC\100002	AC	PM	ELE	ACT	C	8008140	UTILITY	Air cond unit
GRINDER\100002	GRINDER	PM	ELE	ACT	C	8008140	UTILITY	Grinder

Figure 1.2

## 1.3 Fill in define query criteria:

(Note: Please refer “User Manual – Define Data Query” for detail information).

Column	Operator	Value
Asset No	like	ASSET02

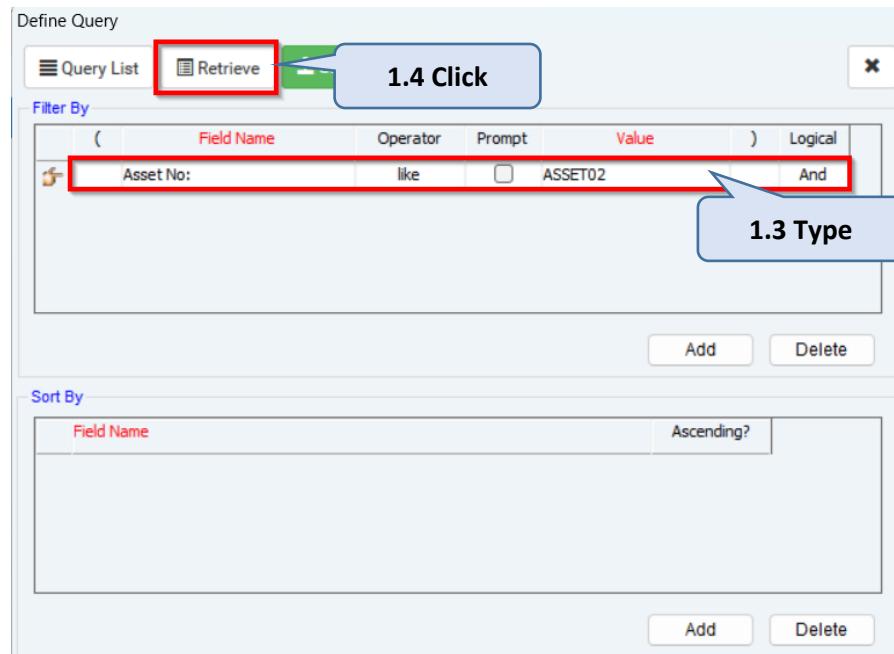
1.4 Click on **Retrieve** button and records will be shortlisted based on query criteria.

Figure 1.3

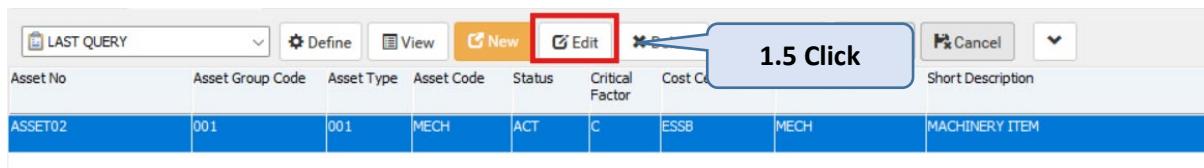
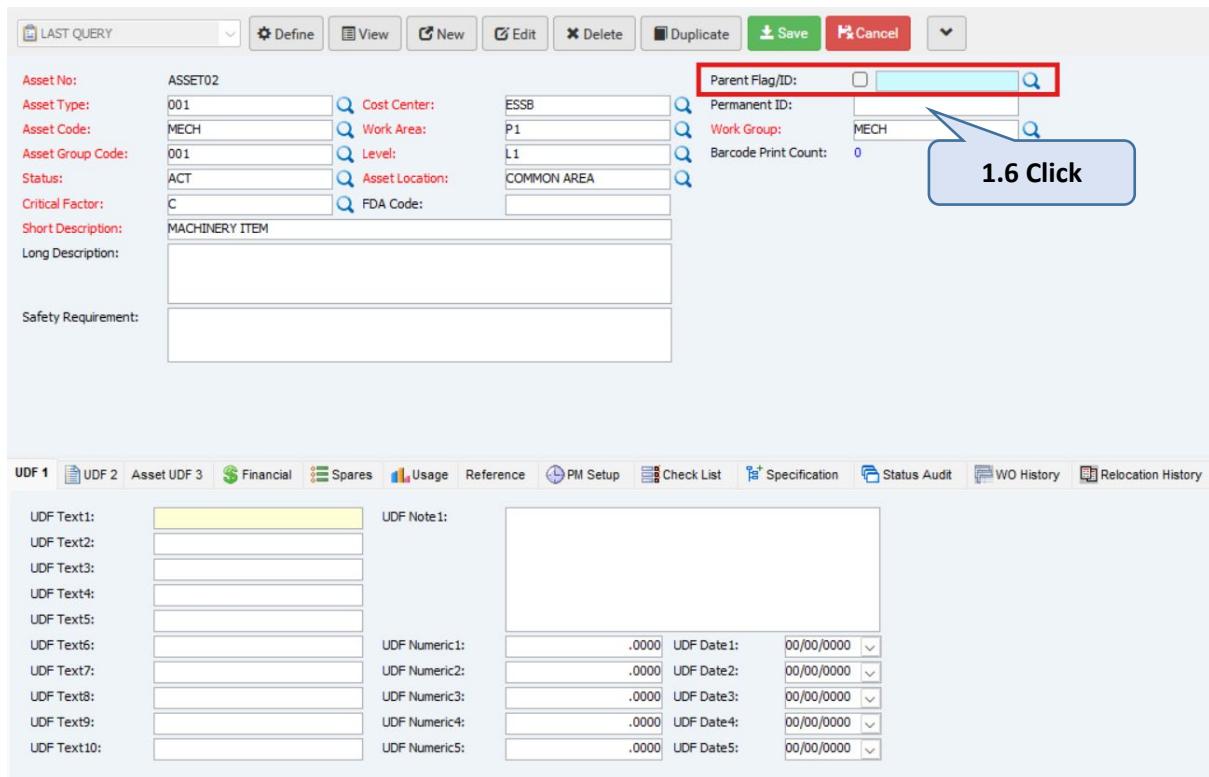
1.5 Select the record and click **Edit** button. Asset information viewers will open.

Figure 1.4

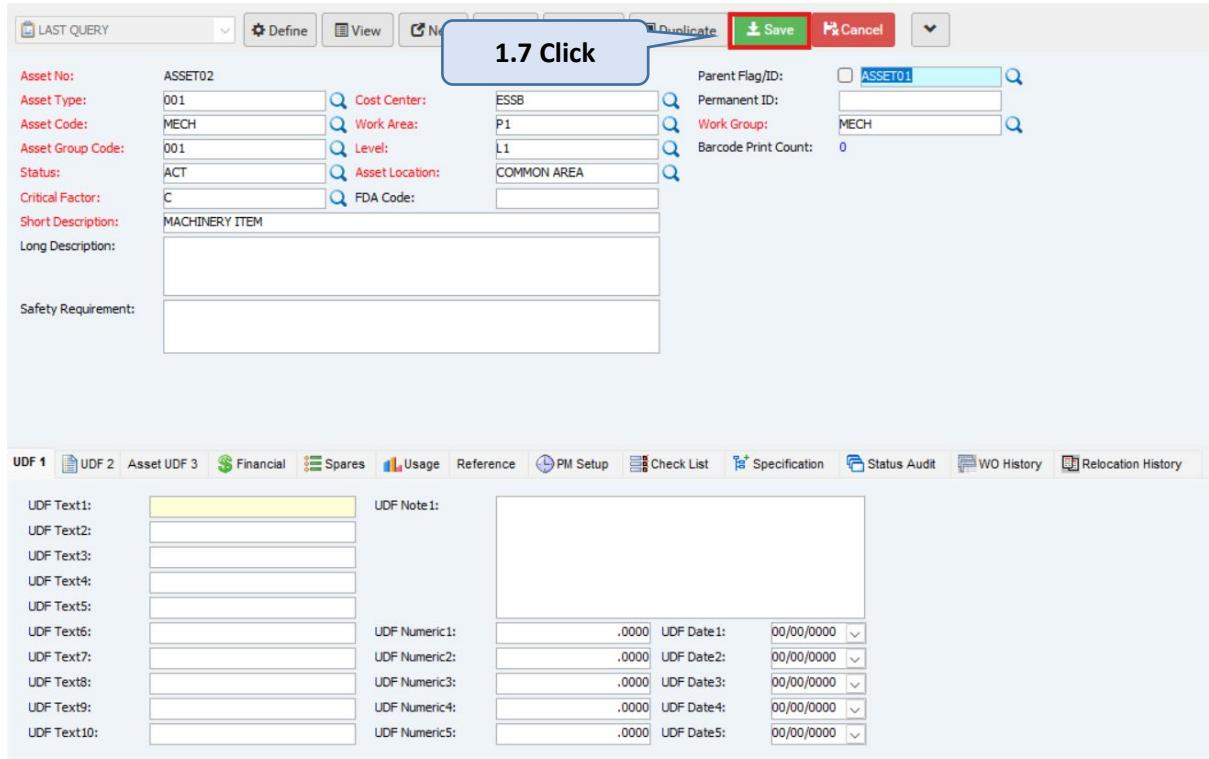
1.6 Click on **Parent Flag/ID** field to choose the parent asset for this particular asset.



The screenshot shows the 'Asset Creation' form. The 'Asset No.' field is populated with 'ASSET02'. The 'Parent Flag/ID' field is highlighted with a red box and a blue callout containing the text '1.6 Click'. Other fields visible include 'Asset Type', 'Asset Code', 'Asset Group Code', 'Status', 'Critical Factor', 'Short Description', 'Long Description', 'Safety Requirement', and various UDF fields. The 'Save' button is visible in the top right.

Figure 1.5

1.7 Click on **Save** button and user will redirect to Asset Table view.



The screenshot shows the 'Asset Creation' form with the 'Parent Flag/ID' field set to 'ASSET01'. The 'Save' button is highlighted with a blue box and a callout containing the text '1.7 Click'. The rest of the form and interface are identical to Figure 1.5.

Figure 1.6

1.8 On the left panel of the system, click on **Assets > Asset Hierarchy**

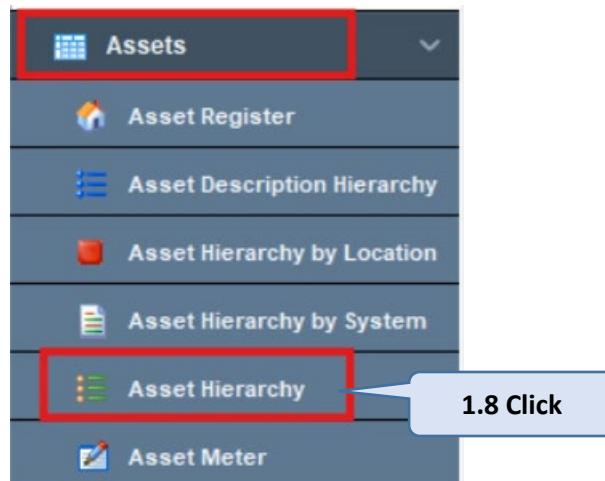


Figure 1.7

1.9 It can be seen the Asset Hierarchy for an organization whereby ASSET01 is the parent to the ASSET02.

Asset Information	
Asset No:	ASSET02
Asset Group Code:	001
Asset Type:	001
Status:	ACT
Critical Factor:	C
Cost Center:	ESSB
Short Description:	MACHINERY ITEM
Work Area:	P1
Asset Location:	COMMON AREA
Warranty Date:	29/05/2024
Asset Cost:	.00

Asset Cost			
Parent Asset Cost	Month-To-Date	Year-To-Date	Life-To-Date
Labor Cost:	RM.00	RM.00	RM.00
Material Cost:	RM.00	RM.00	RM.00
Contractor Cost:	RM.00	RM.00	RM.00
Total:	RM0.00	RM0.00	RM0.00

Child Rollup Cost			
Labor Cost:	RM.00	RM.00	RM.00
Material Cost:	RM.00	RM.00	RM.00
Contractor Cost:	RM.00	RM.00	RM.00
Total:	RM0.00	RM0.00	RM0.00
<b>Grand Total:</b>	<b>RM0.00</b>	<b>RM0.00</b>	<b>RM0.00</b>

Stock No	Description	Issue Price	Qty Needed	Total OH

Serial Number	Description	Attached By	Item Cost	Repair Cost

Figure 1.8