



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

he 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**

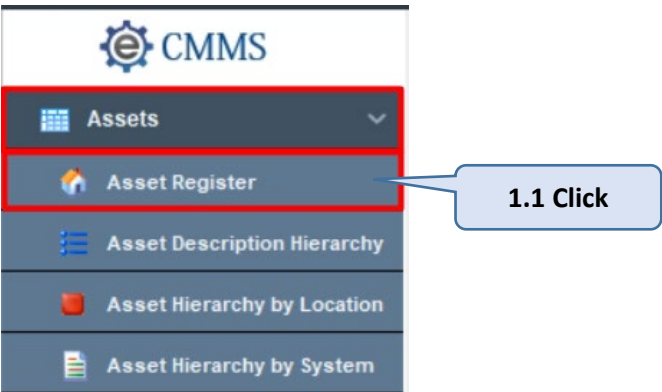


Figure 1.1

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

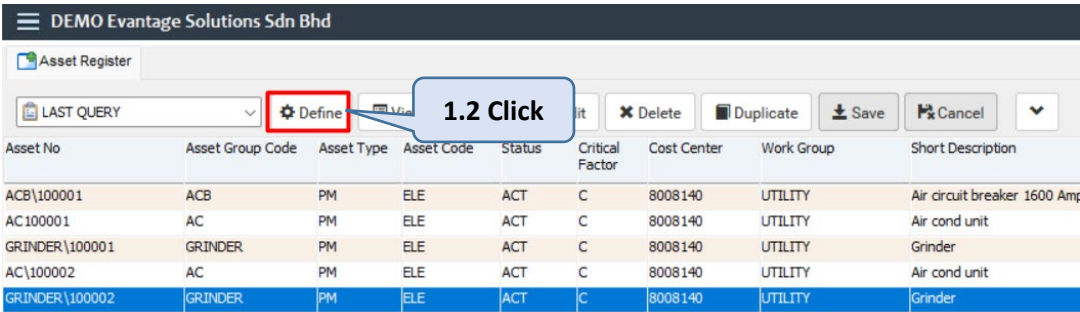


Figure 1.2

- 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.

Define Query

Query List Retrieve 1.4 Click

Filter By

(Field Name	Operator	Prompt	Value)	Logical
	Asset No:	like	<input type="checkbox"/>	ASSET02		And 1.3 Type

Add Delete

Sort By

Field Name	Ascending?
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Add Delete

Figure 1.3

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

LAST QUERY Define View New Edit 1.5 Click Cancel

Asset No	Asset Group Code	Asset Type	Asset Code	Status	Critical Factor	Cost C	Short Description
ASSET02	001	001	MECH	ACT	C	ESSB	MECH MACHINERY ITEM

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 Form' with various fields for asset details. The 'Parent Flag/ID' field is highlighted with a red box, and a blue callout bubble with the text '1.6 Click' points to it. The form includes fields for Asset No., Asset Type, Asset Code, Asset Group Code, Status, Critical Factor, Short Description, Long Description, and Safety Requirement. It also has a section for UDF (User Defined Fields) with text and numeric input fields. The bottom of the form features a navigation bar with tabs for UDF 1, UDF 2, Asset UDF 3, Financial, Spares, Usage, Reference, PM Setup, Check List, Specification, Status Audit, WO History, and Relocation History.

Figure 1.5

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

The screenshot shows the 'Asset Form' with the 'Save' button highlighted with a red box. A blue callout bubble with the text '1.7 Click' points to the 'Save' button. The form is identical to the one in Figure 1.5, but the 'Parent Flag/ID' field now contains the value 'ASSET01'. The 'Save' button is located in the top right corner of the form, next to the 'Cancel' button.

Figure 1.6

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

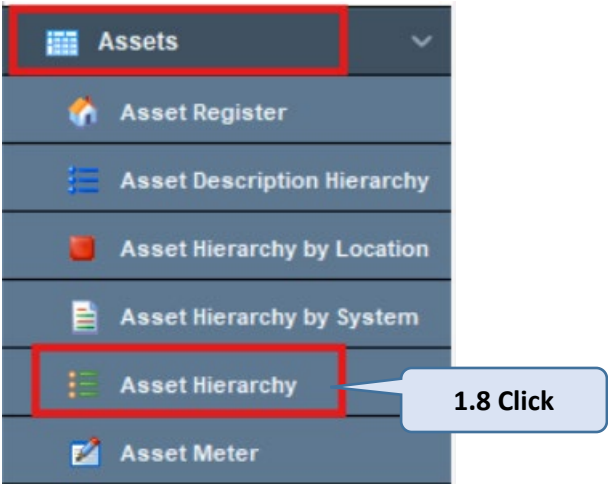


Figure 1.7

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

Retrieve Add Delete Create Work Request Create Work Order

Asset Hierarchy

ASSET01

ASSET02

Asset Information

Asset No: ASSET02 Short Description: MACHINERY ITEM

Asset Group Code: 001

Asset Type: 001 Work Area: P1

Status: ACT Asset Location: COMMON AREA

Critical Factor: C Warranty Date: 29/05/2024

Cost Center: ESSB 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	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
Grand Total:	RM10.00	RM10.00	RM10.00

Stock No	Description	Issue Price	Qty Needed	Total OH
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Serial Number	Description	Attached By	Item Cost	Repair Cost
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Figure 1.8