



EVANTAGE SOLUTIONS SDN BHD

Computerized Maintenance Management System (CMMS)

USER MANUAL
(Asset Description Hierarchy)

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DOCUMENT CONTROL

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1.0	14/02/2023	Zuhair	First Version of User Manual – Asset Description Hierarchy

Scenario

The scenario involves implementing an asset description hierarchy system in a large-scale infrastructure project to categorize assets based on their characteristics and functions, facilitating standardized documentation, efficient asset management, and regulatory compliance. In this syllabus, we will guide on how to create an asset description hierarchy for an organization.

1. Asset Description Hierarchy.

What it's for

The asset description hierarchy system serves the purpose of categorizing assets based on their characteristics and functions in a large-scale infrastructure project, enabling standardized documentation, efficient asset management, and adherence to regulatory requirements.

Create Asset Description 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.

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

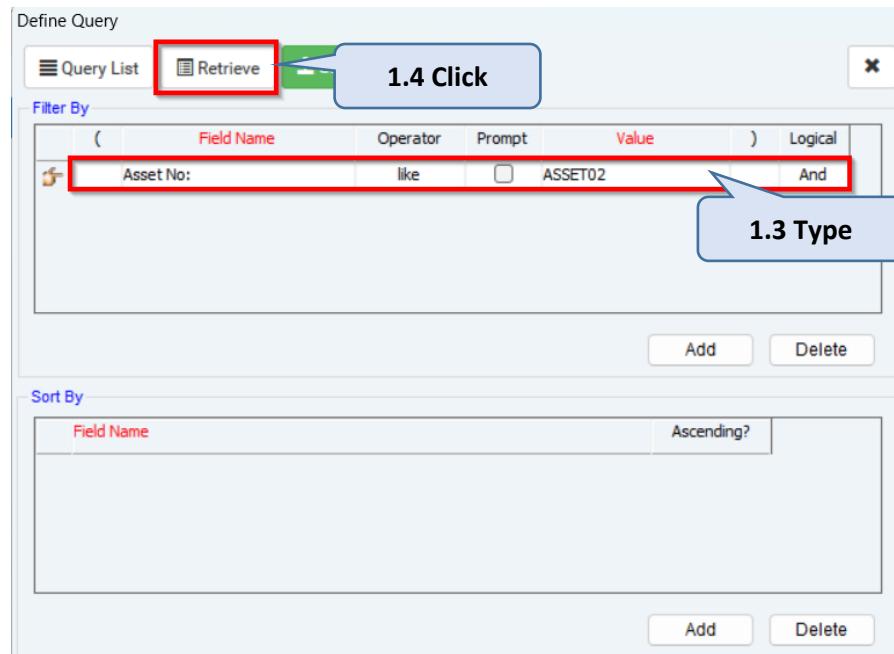
1.4 Click on **Retrieve** button and records will be shortlisted based on query criteria.

Figure 1.3

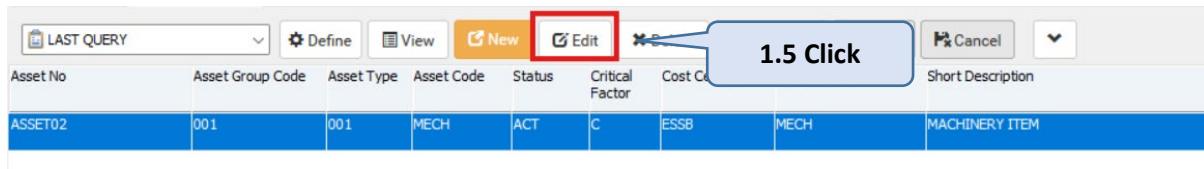
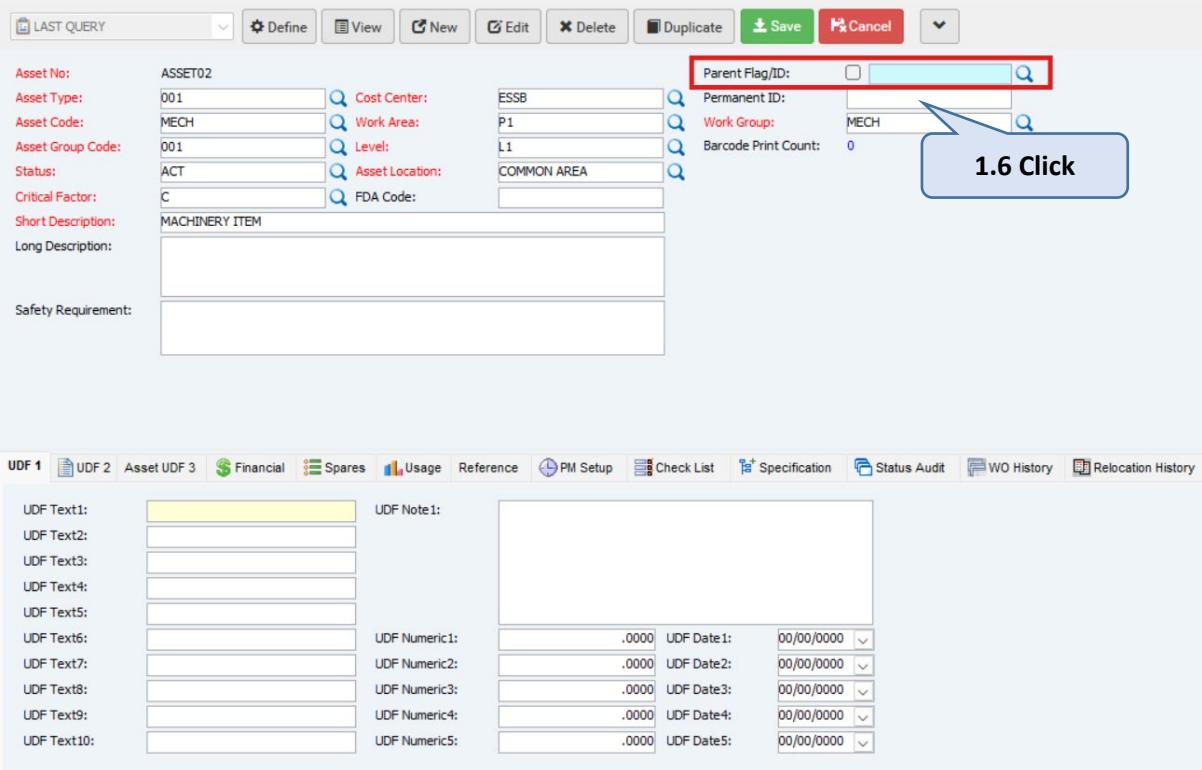
1.5 Select the record and click **Edit** button. Asset information viewers will open.

Figure 1.4

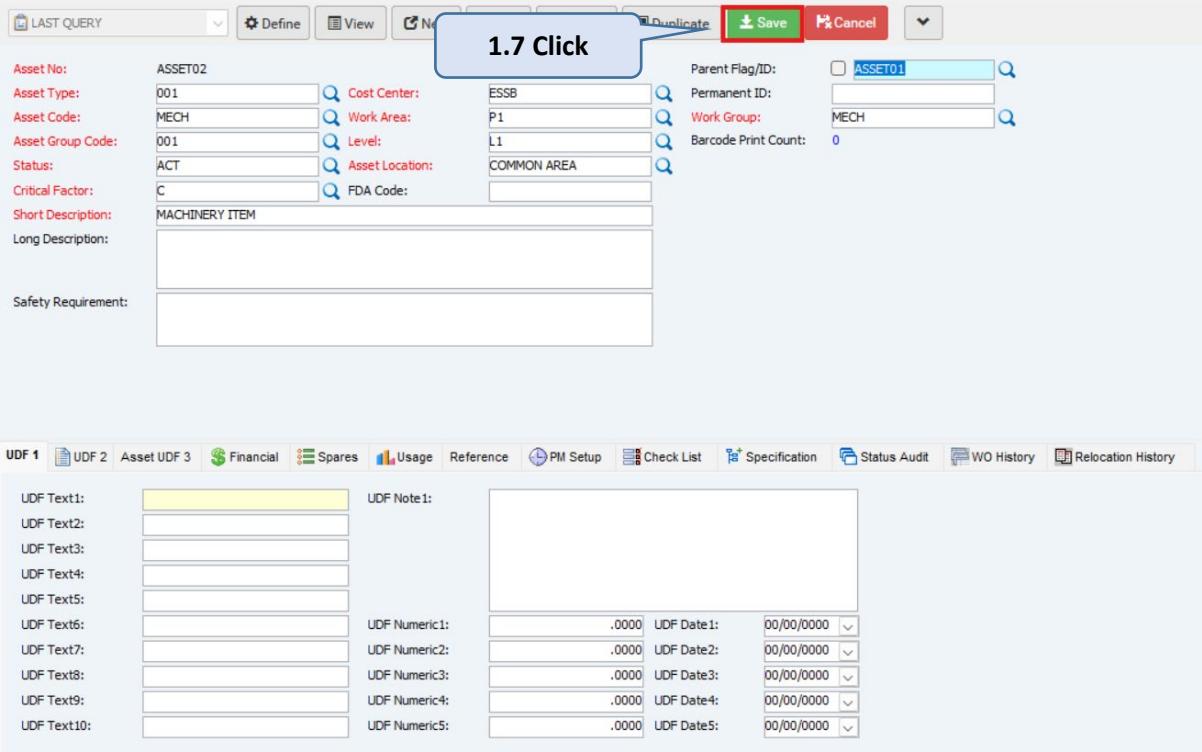
1.6 Click on **Parent Flag/ID** field to choose the parent asset for this particular asset.



The screenshot shows the 'Asset Creation' form. The 'Asset No.' field is set to 'ASSET02'. The 'Parent Flag/ID' field is highlighted with a red box and a blue callout containing the text '1.6 Click'. Other fields include 'Asset Type' (001), 'Asset Code' (MECH), 'Asset Group Code' (001), 'Status' (ACT), 'Critical Factor' (C), 'Short Description' (MACHINERY ITEM), and 'Long Description' (empty). The 'Safety Requirement' section is also empty. Below the main form, there is a section for 'UDF' (User-Defined Fields) with various text and numeric input fields, and a 'UDF Note1' text area.

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 fields are the same as in Figure 1.5. The 'UDF' section is also present.

Figure 1.6

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



Figure 1.7

1.9 It can be seen the Asset Hierarchy for an organization whereby Conveyer is the parent to the Conveyer Belt 1 and Conveyer Belt 2.

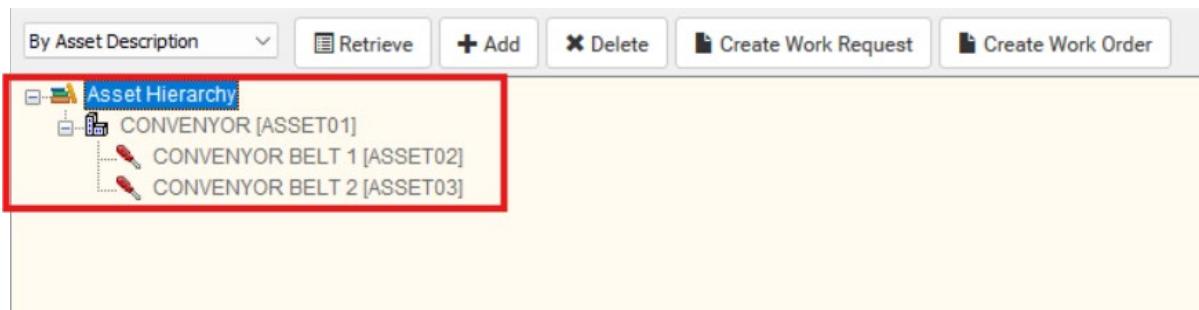


Figure 1.8