

Nesting additional elements in a hierarchical table

Apart from displaying elements hierarchically, you can also build a hierarchy by nesting additional elements within the selected element directly in the table. The **Complete** tree view is enabled in the table by default.

To build a custom hierarchy

Do one of the following:

- In the table, right-click the specific element to nest an additional element within, select **Add Nested** in the drop-down menu, and specify the type of the element to create, e.g., Requirement.

#	Name	Text
1	SR.1.1 Vehicle Mass	The total vehicle mass shall not exceed 1500 Kg.
2	SR.1.2 Regenerative Braking	When braking, the electric motor shall switch to generator mode. The wheels shall transfer kinetic energy via the drivetrain to the generator.
3	SR.1.3 Braking safety requirements	Describe the cooperative system safety requirements.
4	SR.1.3.1 Stopping Distance	Vehicle shall stop from 100 km per hour in less than 30 m.
5	SR.1.3.2 Friction Brake Heating	Brake shall not generate more than 55 kW of heat at each wheel.
6	SR.1.4 ACC Brake	ACC shall bring the vehicle to a complete stop if the barrier appears.
7	SR.1.5 Category 1 of Ultra Low Emission Vehicle	The vehicle shall emit less than 50 grams of carbon dioxide (CO ₂) per kilometre driven.
8	SR.1.6 Distance	Requirements of distances on different modes
9	SR.1.6.1 Full charge mode	The vehicle shall drive at least 200 km on full charge electric-only propulsion mode and shall be charged in less than 150 minutes.
10	SR.1.6.2 Quick charge mode	The vehicle should be charged in less than 30 minutes and it should be possible to drive at least 70 km.
11	SR.1.6.3 Hybrid mode	The vehicle shall drive at least 1000 km on hybrid mode.
12	SR.1.7 Adaptive Cruise Control	The Adaptive Cruise Control (ACC) shall control acceleration and braking of the vehicle. ACC shall detect traffic slowing ahead and automatically reduce speed to match.

Specification

Create Relation

Select in Containment Tree Alt+B

Select in Structure Tree

Go To

Related Elements

Refactor

Tools

Up Ctrl+Up

Down Ctrl+Down

Add Nested Alt+Insert

Delete Ctrl+D

Remove From Table Ctrl+Delete

Clear Delete

Column

deprecated

Select Type: Search

General

- Requirement
- Business Requirement
- Design Constraint
- Extended Requirement
- Functional Requirement
- Interface Requirement
- Performance Requirement
- Physical Requirement
- Usability Requirement

- Select the specific table element to nest an additional element within, click the **Add Nested** button in the table toolbar, and specify the type of the element to create, e.g., Requirement.

Criteria

Scope (optional): Drag elements from

← → ↻ ↺ ↻ ↺

Add New Add Nested Add Existing... Delete Remove From Table

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Please note that the **Add Nested** button is available in the table toolbar of the [Requirement table](#) only.