

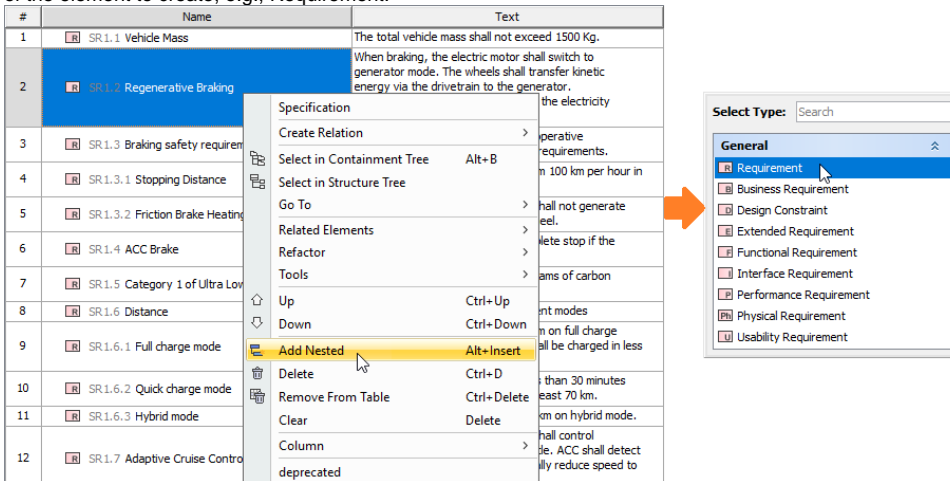
# Nesting additional elements in a hierarchical table

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:

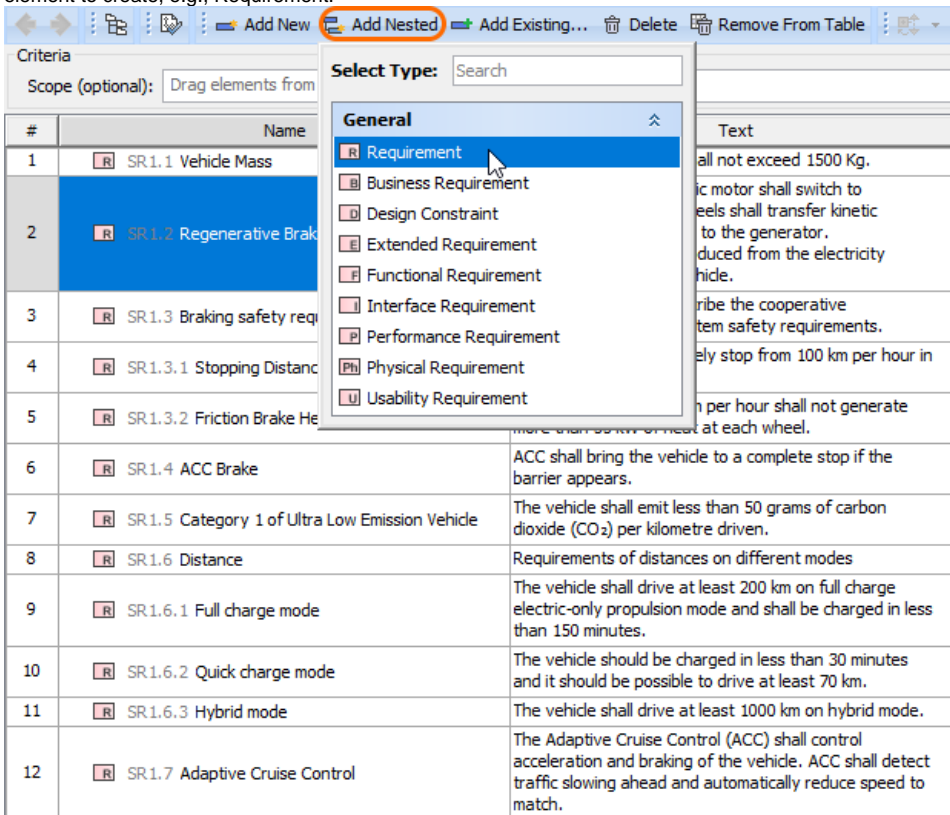
- In the table, right-click the specific element to nest an additional element within, select **Add Nested** in the drop-down menu, and specify the type of the element to create, e.g., Requirement.



| #  | 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 system shall not generate more than 50 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 <sub>2</sub> ) 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. |

**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

**Table Toolbar:** 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.