

# Filtering table data

By filtering data in the table you can quickly find the elements you need. This is especially handy when you are working with a large table containing many rows and columns. Elements can be filtered by a phrase specified in the Filter box of the [table Criteria](#) area. The following figure shows the Generic table before and after filtering.


## Before filter

Criteria				
Element Type: <input type="text" value="Use Case"/>		...	Scope (optional): <input type="text" value="Drag elements from the Mode"/>	Filter: <input type="text" value=""/>
#	Name	Pre Condition	Goal	Basic Flow of Events
1	Create User	The user has permissions to create/modify information	Create a new user	1.Type the information of the user 2. Select the role type 3. Specify the permissions for the new user
2	Create Course	The user has permissions to create/modify information	Create a new course	1. Type the course information 2. Select the class where the course take place 3. Specify the schedule of the course
3	Modify Class	The user has permissions to create/modify information	Modify selected class	1. Open class list 2. Select class 3. Edit information of the selected class
4	Create Class	The user has permissions to create/modify information	Create a new class	1. New class creation form is opened 2. Enter all class information (class name, schedule)
5	Modify User	The user has permissions to create/modify information	Modify selected user	1. Open the user information form 2. Modify the information of the selected user
6	Modify Course	The user has permissions to create/modify information	Modify information of the selected course	1. Open course list 2. Select course 3. Edit information of the selected course

## After filter

Criteria				
Element Type: <input type="text" value="Use Case"/>		...	Scope (optional): <input type="text" value="Drag elements from the Mod"/>	Filter: <input type="text" value="course"/>
#	Name	Pre Condition	Goal	Basic Flow of Events
2	Create <u>Course</u>	The user has permissions to create/modify information	Create a new <u>course</u>	1. Type the <u>course</u> information 2. Select the class where the <u>course</u> take place 3. Specify the schedule of the <u>course</u>
6	Modify <u>Course</u>	The user has permissions to create/modify information	Modify information of the selected <u>course</u>	1. Open <u>course</u> list 2. Select <u>course</u> 3. Edit information of the selected <u>course</u>

Filtered rows and columns in the Generic table.

The search for the phrase can be performed either in the whole table or in selected columns. You can specify filter settings by clicking  in the Filter box. The list with the following main areas opens:

- Specify the columns to search (1).



You can search in the entire table by selecting the **All** option or select one or several particular columns.

- Specify case sensitivity (2).
- Specify wild card or regular expression (3).



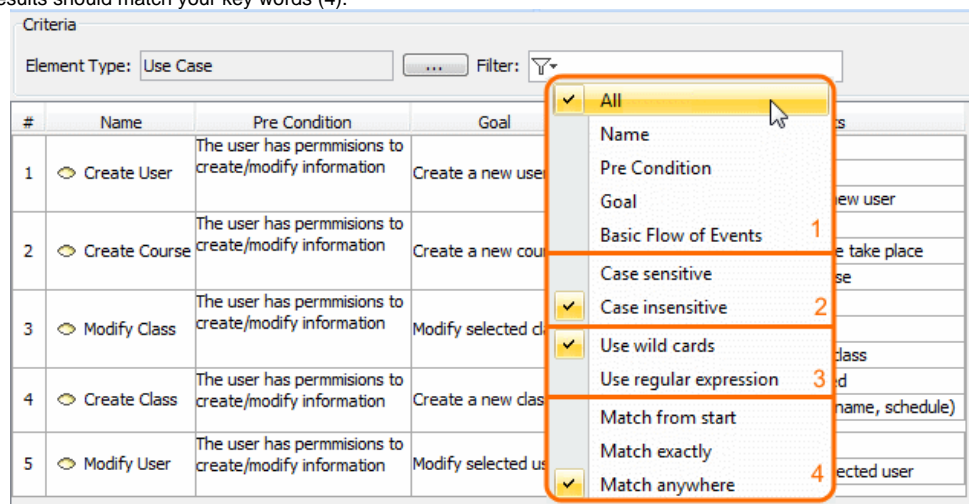
### Using wild card

In the **Filter** box, type a phrase using the following wildcard characters:

- **"\*\*"** substitutes any range of characters. If your search phrase is **"\*\*dd"**, all the elements containing **"dd"** in their names will be found. For example, **"Address"** and **"ThreadDeath"**.
- **"?"** substitutes only one character. If your search phrase is **"?dd"**, only the elements with **"dd"** in their names starting from the second character can be found. For example, **"Address"**. **"ThreadDeath"** cannot be found in this case, because it contains more than one character before the search phrase **"dd"**.

Be sure the **Match Anywhere** command is unchecked when using wildcard characters!

- Specify how the results should match your key words (4).



The main areas in the filter settings.

You can save the filter criteria for a particular table. The filter criteria will be saved even after reloading the project or restarting modeling tool.