

Requirement Table

A Requirement Table is used to type a requirements into a spreadsheet-like table.

Requirements Table contains requirements. All requirements are text-based. Each row in the table represents a requirement. A new table consists of four columns by default (#, Id, Name, Text). You can add more columns to represent the properties of each requirement in the table. With this table, you can:

- Create new requirements directly in the table, or import existing ones from your model to the table.
- Edit the properties of requirements directly in the table.
- Generate requirements reports, renumber requirements' IDs, or export the table into a CSV or HTML format, or into a Microsoft Excel (.xlsx) spreadsheet.
- Search and filter requirements.
- Access custom requirement's properties.

Criteria
Scope (optional): Source_Requirements (79) Filter: C1-

#	Id	Name	Text	Satisfied By
1	50.0	<input checked="" type="checkbox"/> Original Statement	Describe a system for purifying dirty water. - Heat dirty water and condense steam are performed by a Counter Flow Heat Exchanger - Boil dirty water is performed by a Boiler. Drain residue is performed by a Drain. The water has properties: vol = 1 liter, density 1 gm/cm3, temp 20 deg C, specific heat 1cal/gm deg C, heat of vaporization 540 cal/gm.	
2	50.1	<input checked="" type="checkbox"/> Elevation	The water distiller shall be able to operate at least 2 meters vertically above the source of dirty water.	
3	51.0	<input checked="" type="checkbox"/> Purify Water	The system shall purify dirty water.	
4	52.0	<input checked="" type="checkbox"/> Heat Exchanger	Heat dirty water and condense steam are performed by a Counter Flow Heat Exchanger	<input checked="" type="checkbox"/> Heat Exchanger <input checked="" type="checkbox"/> Heat Exchanger <input checked="" type="checkbox"/> Heat Exchanger <input checked="" type="checkbox"/> Heat Exchanger
5	53.0	<input checked="" type="checkbox"/> Boiler	Boil dirty water is performed by a Boiler.	<input checked="" type="checkbox"/> Boiler <input checked="" type="checkbox"/> Boiler <input checked="" type="checkbox"/> Boiler <input checked="" type="checkbox"/> Boiler
6	54.0	<input checked="" type="checkbox"/> Drain	Drain residue is performed by a Drain.	<input checked="" type="checkbox"/> drain : Valve <input checked="" type="checkbox"/> Valve <input checked="" type="checkbox"/> drain : Valve <input checked="" type="checkbox"/> Valve <input checked="" type="checkbox"/> drain : Valve <input checked="" type="checkbox"/> Valve <input checked="" type="checkbox"/> Valve <input checked="" type="checkbox"/> drain : Valve
7	55.0	<input checked="" type="checkbox"/> Water Properties	Water has properties: density 1 gm/cm3, temp 20 deg C, specific heat 1cal/gm deg C, heat of vaporization 540 cal/gm.	
8	55.1	<input checked="" type="checkbox"/> Water Initial Temp	Water has an initial temp 20 deg C	

Related elements

- [Requirement](#)
- [Extended Requirement](#)
- [Functional Requirement](#)
- [Interface Requirement](#)
- [Performance Requirement](#)
- [Physical Requirement](#)
- [Design Constraint](#)
- [Business Requirement](#)
- [Usability Requirement](#)
- [Test Case](#)
- [Satisfy](#)
- [Verify](#)
- [Derive](#)
- [Copy](#)