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
- 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.

| | | onal): Source_Requirem | | , |
|---|-------|--------------------------|---|---|
| ŧ | Id | Name | Text | Satisfied By |
| 1 | S0.0 | ☐ Original Statement | Describe a system for purifying drity water. - Heat drity water and condense stem are performed by a Counter Flow Heat Exchanger - Boil drity 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 Ica/glm deg C, that of vaporization 59 cal/gm. | |
| 2 | S0.1 | ☐ Elevation | The water distiller shall be able to operate at least 2 meters vertically above the source of dirty water. | |
| 3 | S1.0 | □ Purify Water | The system shall purify dirty water. | |
| 4 | S2.0 | E≅ Heat Exchanger | Heat dirty water and condense steam are performed by a Counter Flow Heat Exchanger | Heat Exchange Heat Exchange Heat Exchange |
| 5 | S3.0 | □8 Boiler | Boll dirty water is performed by a Boller. | Boiler Boiler Boiler Boiler |
| 6 | \$4.0 | □® Drain | Drain residue is performed by a Drain. | ☐ drain: Valve ☐ Valve ☐ Valve ☐ drain: Valve ☐ Valve ☐ drain: Valve ☐ Valve ☐ Valve ☐ Valve ☐ drain: Valve |
| 7 | S5.0 | □ 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. | |
| 3 | S5.1 | □ 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