**GINSTR**

(examples: test cases)

*Ginstr is a parent application that allows users to run all ginstr applications on mobile devices. It helps companies to get rid of paperwork by digitizing forms and streamlining work processes. The app stores all data on secure servers in the ginstr cloud. Users can manage all collected data on any web browser in ginstr web.*

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| 01 | **NAME: Create and delete “text” rows with different “max. length” options** | |
|  | **Pre-Conditions:**  Open Ginstr app. Click “Add table not belonging to ginstr app” link; | |
|  | **Steps to introduce:** | **Expected result:** |
| 1 | Choose “text” data from the drop-down list. | Options under the drop-down list are changed and refer to “text” data type:  “unique” (not checked),  “required” (not checked),  “max. length” (type: 10),  “multiline” (not checked);  align text section options: “left”, “middle” or “right” can be chosen;  “list of allowed values” field can be added. |
| 2 | Input the name of the table “so11111” in the specified field (make sure the name hasn’t been used before).  Enter the name of the first column “document” in the specified field.  Click “apply” button. | The table is created. No rows are displayed. |
| 3 | Click “add row” button | New row is displayed and highlighted and user can enter text in the first cell. Text modification/entry menu is displayed. |
| 4 | Type 10 characters “qwertyuiop” in the first text cell and press enter key. | New row with 10 characters in the text cell is created. The cell is highlighted |
| 5 | Click “menu” button in the action column. | “Color” scroll-menu pops-up. |
| 6 | Place the cursor on the “color” menu. | Several color options are displayed. |
| 7 | Tick pink color. | The “color” menu disappears and the left side of the row turns pink. |
| 8 | Double-click on the text-cell, that has been created. | Text modification can be applied. |
| 9 | Add one more character “a” to the text. The text cell should contain 11 characters. | “text exceeds 10 characters” warning message is displayed. |
| 10 | Delete the extra character in the text modification menu (the number of characters should not exceed 10) and press enter key. | The new (11th) character was not added. The text cell remains unchanged. |
| 11 | Click “delete” button. | “delete 1 row?” dialogue menu pops up. |
| 12 | Click “yes” button. | The row is deleted. |

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| 02 | **NAME: Create and delete “text” rows with different “unique” options** | |
|  | **Pre-Conditions:**  Open Ginstr app. Click “Add table not belonging to ginstr app” link; | |
|  | **Steps to introduce:** | **Expected result:** |
| 1 | Choose “text” data from the drop-down list. | Options under the drop-down list are changed and refer to “text” data type:  “unique” (NOT checked = null),  “required” (not checked),  “max. length”,  “multiline” (not checked);  align text section options: “left”, “middle” or “right” can be chosen;  “list of allowed values” field can be added. |
| 2 | Input the name of the table “so.text.unique” in the specified field (make sure the name hasn’t been used before).  Enter the name of the first column “unique” in the specified field.  Click “apply” button. | The table is created. No rows are displayed. |
| 3 | Click “add row” button | New row is displayed and highlighted and user can enter text in the first cell. Text modification/entry menu is displayed. |
| 4 | Type “check unique characters” in the first text cell and press enter key. | New row with the specified text is created. The cell is highlighted. |
| 5 | Create the second row: repeat steps 3-4. | A second row with the same text is created. |
| 6 | Place the cursor on the name of the column. Click the right mouse button. | Table options menu is displayed. |
| 7 | Choose “edit columns” from the menu. | Options that refer to “text” data type are displayed:  “unique” (NOT checked = null),  “required” (not checked),  “max. length”,  “multiline” (not checked);  align text section options: “left”, “middle” or “right” can be chosen;  “list of allowed values” field can be added. |
| 8 | Tick the checkbox of the “unique” field (checked). Click “apply” button. | An error message pops up: “It is not possible to make validation rules in non-empty tables stronger than they were before”. |
| 9 | Click “cancel” button. | The table is displayed. |
| 10 | Click “delete” button in the first row. | “delete 1 row?” dialogue menu pops up. |
| 11 | Click “yes” button. | The first row is deleted. |
| 12 | Delete the second row: repeat steps 10-11. | The second row is deleted. The table is empty. |
| 13 | Repeat steps 6-8 to edit text options. | “unique” field is checked. The properties of the “unique” field are applied to the table. The table is displayed. |
| 14 | Add two rows: repeat steps 3-5. | “value must be unique” error message pops up. The second row with the same text can’t be created. |
| 15 | Delete the text in the second row. Repeat steps 6-7 to edit the text options.  Tick the checkbox of the “unique” field (UNchecked).  Click “apply” button. | “unique” field is UNchecked. The properties of the “unique” field are not applied to the table anymore. The table is displayed. One row that has been previously created is displayed in the table. |
| 16 | Create the second row: repeat steps 3-4. | A second row with the same text is created. |
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| 03 | **NAME: Create and delete “text” rows with different “required” options** | |
|  | **Pre-Conditions:**  Open Ginstr app. Click “Add table not belonging to ginstr app” link. | |
|  | **Steps to introduce:** | **Expected result:** |
| 1 | Choose “text” data from the drop-down list. | Options under the drop-down list are changed and refer to “text” data type:  “unique” (not checked),  “required” (NOT checked = NULL),  “max. length”,  “multiline” (not checked);  align text section options: “left”, “middle” or “right” can be chosen;  “list of allowed values” field can be added. |
| 2 | Input the name of the table “so.text.required” in the specified field (make sure the name hasn’t been used before).  Enter the name of the first column “required” in the specified field.  Click “apply” button. | The table is created. No rows are displayed. |
| 3 | Click “add row” button. | New row is displayed and highlighted and user can enter text in the first cell. Text modification/entry menu is displayed. |
| 4 | Type “check required field” in the first text cell and press enter key. | New row with the specified text is created. The cell is highlighted. |
| 5 | Create the second row: repeat steps 3-4. | A second row with the same text is created. |
| 6 | Place the cursor on the name of the column. Click the right mouse button. | Table options menu is displayed. |
| 7 | Choose “edit columns” from the menu. | Options that refer to “text” data type are displayed:  “unique” (not checked),  “required” (not checked),  “max. length”,  “multiline” (not checked);  align text section options: “left”, “middle” or “right” can be chosen;  “list of allowed values” field can be added. |
| 8 | Tick the checkbox of the “required” field (checked). Click “apply” button. | An error message pops up: “It is not possible to make validation rules in non-empty tables stronger than they were before”. |
| 9 | Click “cancel” button. | The table is displayed. |
| 10 | Click “delete” button in two rows. | “delete 1 row?” dialogue menu pops up for each row. |
| 11 | Click “yes” button to both. | The rows are deleted. |
| 12 | Repeat steps 6-8 to edit text options. | “required” field is checked. The properties of the “required” field are applied to the table. The table is displayed. |
| 13 | Add two rows: repeat steps 3-5. | Two rows with the specified text are created. |
| 14 | Double-click left mouse button on the text in second row and delete it. Press enter key. | “text value is required” message pops up. |
| 15 | Click “delete” button in the second row. | “delete 1 row?” dialogue menu pops up. |
| 16 | Click “yes” button. | The second row is deleted. |
| 17 | Repeat steps 6-7 to edit the text options.  Tick the checkbox of the “required” field (UNchecked).  Click “apply” button. | “required” field is UNchecked. The properties of the “required” field are not applied to the table anymore. The table is displayed. One row that has been previously created is displayed in the table. |
| 18 | Create the second row: repeat steps 3-4.  Delete text from the second row as in step 14. | The second row without text is created. The cell is moved to the top of the column and is highlighted. |