

Bug Link: [GITHUB #27293](#)

Title: When a Table is Read-only, clicking on its rows opens a modal dialog that shows an Insert Below button.

1. Summary

The bug occurs in ERPNext when a table is set to Read-only. Clicking on the rows of this table opens a modal dialog that incorrectly displays an 'Insert Below' button. This behavior is unexpected, as a Read-only Table should not allow any modifications, including the insertion of new rows. The presence of the 'Insert Below' button in this scenario is misleading and can cause confusion for users.

2. Description

Issue:

When a table is set to Read-only, clicking on the rows of this table opens a modal dialog that shows an 'Insert Below' button. This is misleading because a Read-only Table should not allow any modifications, including row insertion.

Impact:

This bug affects user experience by displaying an 'Insert Below' button in a Read-only Table's modal dialog. The button shouldn't be there and doesn't work when clicked, leading to confusion and frustration among users.

Software Version:

- ERPNext: v14.x.x-develop (develop)
 - Frappe Framework: v15.29.2 (version-15)
 - **Module:** Tables
 - **Component:** Modal Dialog
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3. Steps to Reproduce

1. Add an entry to a Table.
 2. Change the table to Read-only mode.
 3. Click on the entry you added.
 4. Observe that most buttons, like Delete and the top 'Insert Below,' have disappeared, but the 'Insert Below' button in the shortcuts section remains visible.
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4. Observed Result

The modal dialog shows the "Insert Below" button even though the table is in Read-only mode.

5. Expected Result

The "Insert Below" button should not be displayed in the modal dialog for a Read-only table, as the table should not allow any modifications.

6. Diagnosis

Initial Investigation:

Confirmed that the issue occurs when a table is set to Read-only, but clicking on the rows still opens a modal dialog that shows an 'Insert Below' button.

Root Cause Analysis:

The bug likely stems from the handling of modal dialogs in the code, where the display of the 'Insert Below' button is controlled by checking the table's editable state. The existing code failed to correctly hide this button when the table is set to Read-only. Specifically, the logic that toggles the visibility of the 'Insert Below' button did not account for the table's Read-only status properly, leading to the button being displayed when it shouldn't be.

7. Solution

Changes Made:

- **File Path:** frappe-bench/apps/frappe/frappe/public/js/frappe/form/grid_row_form.js
- **Modification:** Replaced the original code:

```
html
Copy code
<button class="btn btn-secondary btn-sm pull-right">
  $__("Insert Below")}
</button>
```

```
html
Copy code
${isEditable ? `<button class="btn btn-secondary btn-sm pull-right">
  $__("Insert Below")}
</button>` : ''}
```

Here, `isEditable` is defined as `let isEditable = this.row.grid.is_editable();`. This change was necessary because the existing code `$parent.find(".row-actions, .grid-append-row").toggle(this.row.grid.is_editable());` did not work for the `grid-append-row` class.

