**Use Case** **14*: Manage Restaurant Menu***

**Overview:** TheUser is able to add, remove, or edit items on the restaurant menu and the catered meals menu.

**Preconditions:**   
1. User has logged in as manager.

2. For adding an item, precondition is: no respective restaurant or catered meals menu item is selected.

3. For editing an item, precondition is: a respective restaurant or catered meals menu item is selected.

4. For removing an item, precondition is: a respective restaurant or catered meals menu item is selected.

**Scenario**

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| **Action** | **Software Reaction** |
| Scenario: Add Menu Item |  |
| User clicks the deselect Under the Restaurant menu section (optional if nothing if no restaurant menu item is selected beforehand) | The text fields are in Add Item mode  The “AddEdit” button is in Add mode. |
| User fills in the item name [required], price [required], and description [optional] fields, and clicks the “Add Item” button | A popup dialog appears asking the user if they are sure they want to add this item. |
| User Clicks OK in the popup dialog | The information is saved in the database and and the GUI table is updated accordingly. |
| User clicks Cancel in the dialog popup | The changes are not applied to the database. |
| User enters name but doesn’t enter cost, or vice versa | No changes to the database are applied and an error message appears. |
| User doesn’t enter neither name nor cost | No changes to the database are applied and an error message appears. |
| User provides a non-numerical value for price | No changes to the database are applied and an error message appears. |
| Scenario: Remove Item |  |
| User clicks on an existing menu item | The item becomes selected.  The “AddEdit" button is in Edit mode.  The “delete” and “deselect” buttons become active. |
| With an item selected, the user clicks the “Delete Selected Item” button | A Confirmation dialog popup appears. |
| User clicks OK in the dialog popup | The relevant item is removed from the database and a success message is displayed.  Item is deselected and the “delete” and “deselect” buttons become inactive. |
| User clicks Cancel in the dialog popup | The changes are not applied to the database. |
| Scenario: Edit Item |  |
| User selects an item they wish to edit | The "AddEdit" button is in Edit mode  The name, cost, and description fields become editable for that item. |
| The user makes the relevant changes and clicks the “save” button | A Confirmation dialog popup appears. |
| User clicks OK in the dialog popup | The changes are applied to the item in the database and a success message is displayed. |
| User clicks Cancel in the dialog popup | The changes are not applied to the item in the database. |
| User provides a non-numerical value for price | No changes to the database are applied and an error message appears. |

**Scenario Notes:**

The page contains two tables for which the instructions and use cases are identical. However, one table is responsible for restaurant menu items, while the other is for catered meal menu items.

If no item is selected, clicking the “save” or “delete” buttons will have no effect - they remain greyed out and disabled.

**Postconditions:** All relevant modifications, if any, are applied to the database.

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| **Required GUI:**  **Keyboard and Mouse** | **Use Cases Utilized:**  **None** |
| **Exceptions:**  **None** | **Timing Constraints:**  **None** |

