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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Conditions** | **A1** | **A2** | **A3** | **A4** | **A5** | **A6** | **A7** |
| Waiter Logs In | T | F | T | T | T | T | T |
| **Actions** |  |  |  |  |  |  |  |
| Waiter selects table to view tab | T | - | F | T | T | T | T |
| **Actions** |  |  |  |  |  |  |  |
| Waiter adds item(s) from the menu to the table’s tab | T | - | - | - | T | - | - |
| Waiter deletes item(s) from the table’s tab | T | - | - | T | - | - | T |
| Waiter sends order to kitchen staff | T | - | - | - | T | - | F |

\**given* a waiter cannot delete an item from an empty tab, and waiter cannot remove an item(s) from a tab if the item(s) has been altered by the customer.

\**given* if a waiter adds an item(s) to a tab, they must send an order to the kitchen.

**Test Cases**

A1: waiter logs in, waiter selects a table, waiter adds and deletes an item(s). Expected result: waiter sends order to kitchen.

A2: waiter does not log in. Expected result: waiter does not send order to kitchen

A3: waiter logs in to view a table’s status but not its tab. Expected result: waiter does not send order to kitchen.

A4: waiter logs in, waiter selects a table, waiter deletes on item off table’s tab because a customer no longer wants an item. Expected result: the waiter may or may not send the order change to the kitchen

A5: waiter logs in, waiter selects table, waiter adds item(s) to tab. Expected result: waiter sends order to kitchen.

A6: waiter logs in, waiter selects table to view tab. Expected result: waiter may or may not send an order to the kitchen.

A7: waiter logs in, waiter selects table, waiter delete an item(s) from the table’s tab because the customer no longer wants to item(s). Expected result: waiter does not send an order to the kitchen.