**Acceptance Tests**

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| checkOptions0 | Precondition: Run CoffeeMaker | Display Main Menu | Displayed main menu |
| addRecipe1 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu. | Coffee successfully added. | Coffee successfully added. |
| addRecipe1.1 | Precondition: Run addRecipe1 successfully 3 times using names, “Coffee” “Mocha” and “Latte”  Enter: Menu option 1, “Add a recipe”  Return to main menu | Display max number of recipes message | Allows adding a fourth recipe |
| addRecipe1.2 | Precondition: Run addRecipe1 successfully  Enter: Menu option 1, “Add a recipe”  Name: Coffee  Return to main menu | Recipe not added | Displays coffee successfully added  but still only one coffee in recipes |
| addRecipe1.3 | Precondition: Run CoffeeMaker  Enter: Menu option 1, “Add a recipe”  Name: Coffee  Price: ABC  Return to main menu` | Recipe not added | Recipe not added |
| deleteRecipe1 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu. | Successfully deleted | Successfully deleted. |
| deleteRecipe1.1 | Precondition: addRecipe1 has run successfully  Enter: Menu option 2, “Delete a recipe”  Select: null  Return to main menu | Returned to main menu | Returned to main menu |
| deleteRecipe1.2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 2, “Delete a recipe”  Select: 6  Return to main menu | Returned to main menu | Application crash, ArrayIndexOutOfBoundsException |
| deleteRecipe1.3 | Precondition: addRecipe1 has run successfully  Enter: Menu option 2, “Delete a recipe”  Select: ABC  Return to main menu | Returned to main menu | Returned to main menu |
| editRecipe1 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Return to main menu. | Coffee successfully added. | Coffee successfully edited. |
| editRecipe1.1 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: 6  Return to main menu | Returned to main menu | Application crash, ArrayIndexOutOfBoundsException |
| editRecipe1.2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: ABC  Return to main menu | Returned to main menu | Returned to main menu |
| editRecipe1.3 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: Coffee  Price: ABC  Return to main menu | Display status message  Returned to main menu | Displayed status message  Returned to main menu |
| editRecipe1.4 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: Coffee  Price: 50  Coffee: ABC  Return to main menu | Display status message  Returned to main menu | Returned to main menu |
| editRecipe1.5 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: Coffee  Price: 50  Coffee: 2  Milk: ABC  Return to main menu | Display status message  Returned to main menu | Returned to main menu |
| editRecipe1.6 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: Coffee  Price: 50  Coffee: 2  Milk: 2  Sugar: ABC  Return to main menu | Display status message  Returned to main menu | Returned to main menu |
| editRecipe1.7 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, “Edit a recipe”  Select: Coffee  Price: 50  Coffee: 2  Milk: 2  Sugar: 2  Chocolate: ABC  Return to main menu | Display status message  Returned to main menu | Returned to main menu |
| addInventory1 | Precondition: Run CoffeeMaker  Enter: Menu option 4, “Add Inventory”  Coffee: 6  Milk: 5  Sugar: 3  Chocolate: 0  Return to main menu | Inventory successfully added | All inventory items are now at 15 |
| checkInventory | Precondition: Run CoffeeMaker  Enter: Menu option 5, “Check Inventory”  Return to main menu | Inventory items displayed with correct current amounts | All inventory items are shown as 15 |
| purchaseBeverage1 | Precondition: addRecipe1 has been ran successfully; addInventory1 has been ran successfully  Enter: Menu option 6, “Make Coffee”  Select: Coffee  Pay: 50  Return to main menu | Purchase status displayed  Change displayed is 0 | No purchase status was displayed  Change displayed correctly |