**Acceptance Tests**

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| 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. |
| deleteRecipe1 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu. | Successfully deleted | Coffee successfully deleted |
| 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 recipe successfully edited. | Coffee recipe successfully edited. |
| addInventory1 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory" Coffee: 5 Milk: 5 Sugar: 5 Chocolate: 5 Return to main menu. | Selected ingredients are added to the coffee maker. | Selected ingredients are added to the coffee maker. |
| checkInventory1 | Precondition: Run CoffeeMaker  Enter: Menu option 5, "Check inventory"  Return to main menu. | Current inventory is displayed  Coffee: 10 Milk: 10 Sugar: 10 Chocolate: 10 | Current inventory is displayed  Coffee: 10 Milk: 10 Sugar: 10 Chocolate: 10 |
| purchaseBeverage1 | Precondition: addRecipe1 has run successfully, addInventory1 has run successfully  Enter: Menu option 6, "Purchase beverage "  Select: Coffee  Deposit 60  Return to main menu. | Beverage successfully purchased  Your change is: 10 | Beverage successfully purchased  Your change is: 10 |
| purchaseBeverage2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 6, "Purchase beverage "  Select: Coffee  Return to main menu. | Beverage not purchased, inventory not available | Beverage not purchased, inventory not available |
| purchaseBeverage3 | Precondition: addRecipe1 has run successfully, addInventory1 has run successfully  Enter: Menu option 6, "Purchase beverage "  Select: Coffee  Deposit 40  Return to main menu. | Beverage not purchased, not enough money  40 is returned | Beverage not purchased, not enough money  40 is returned |

**Note:** These are additional test acceptance cases developed but will not be tested for the exercise. These acceptance test cases are required to be tested within the Main Function and are not required for the exercises. They include exception cases and the menu options cases.

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| addRecipe2 | 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 could not be added. Coffee units cannot be negative number. | Coffee could not be added. Coffee units cannot be negative number. |
| deleteRecipe2 | Precondition: Run CoffeeMaker  Enter: Menu option 2, "Delete a recipe " Return to main menu. | No recipe to delete | No recipe to delete |
| editRecipe2 | 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 recipe could not be edited. Prompts user to enter in non-negative integer number. | Coffee recipe could not be edited. Prompts user to enter in non-negative integer number. |
| checkOptions0 | Precondition: Run CoffeeMaker  Enter: Menu option 0, "Exit Program " Return to main menu | Program exits or closes | Program exits or closes |
| checkOptions1 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Return to main menu | Add recipe | Add recipe |
| checkOptions2 | Precondition: Run CoffeeMaker  Enter: Menu option 2, "Delete a recipe " Return to main menu | Delete recipe | Delete recipe |
| checkOptions3 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Return to main menu | Edit recipe | Edit recipe |
| checkOptions4 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Return to main menu | Add inventory | Add inventory |
| checkOptions5 | Precondition: Run CoffeeMaker  Enter: Menu option 5, "Check inventory " Return to main menu | Displays inventory | Displays inventory |
| checkOptions6 | Precondition: Run CoffeeMaker  Enter: Menu option 6, "Purchase beverage "  Return to main menu | Purchase beverage option | Purchase beverage option |
| addInventory2 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Name: Coffee Coffee: 5 Milk: 5 Sugar: 5 Chocolate: -5 Return to main menu. | Inventory not added. Throws exception and prompts user to please enter positive integer. | Inventory not added. Throws exception and prompts user to please enterpositive integer. |