**Acceptance Tests**

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| checkOptions() | Precondition: Coffee Maker Machine is on  Menu options displayed:  Add recipe  Delete a recipe  Edit a recipe  Add inventory  Check inventory  Purchase beverage  Waiting for user input. | Coffee Machine is plugged in.  Coffee Machine is on.  Menu all six menu options displayed on  screen.  Coffee Machine waiting for user input. |  |
| addRecipe\_1\_AddNew | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 25 Coffee: 1 Milk: 1 Sugar: 1 Chocolate: 1 Return to main menu. | Status message “Coffee successfully added” displayed on screen.  When user goes to make the purchase, the “coffee” recipe is available selection.  Go to purchase and make sure that recipe is available for purchase. |  |
| addRecipe\_2\_AddNew | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee2 Price: 50 Coffee: 2 Milk: 2 Sugar: 2 Chocolate: 2 Return to main menu. | Status message “Coffee2 successfully added” displayed on screen.  When user goes to make the purchase, the “coffee2” recipe is available selection.  Go to purchase and make sure that recipe is available for purchase. |  |
| addRecipe\_3\_AddNew | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee3 Price: 75 Coffee: 3 Milk: 3 Sugar: 3 Chocolate: 3 Return to main menu. | Status message “Coffee3 successfully added” displayed on screen.  When user goes to make the purchase, the “coffee3” recipe is available selection.  Go to purchase and make sure that recipe is available for purchase. |  |
| deleteRecipe1\_Successful | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: 1 (Coffee1)  Return to main menu. | Status message “Coffee1 successfully deleted” displayed on screen.  Coffee maker returned to main menu (waiting state). |  |
| deleteRecipe\_4\_Empty | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: 1 (Coffee1) Return to main menu. | Status message “Coffee could not be deleted” displayed on screen.  Coffee maker returned to main menu (waiting state). |  |
| editRecipe\_1\_Sugar | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, "Edit a recipe " Select: 2 Sugar: 2 Return to main menu. | Status message “Coffee2 successfully edited” displayed on screen.  Coffee maker returned to main menu (waiting state). |  |
| addInventory\_3\_NegValueCoffee | Precondition: Run CoffeeMaker  Enter Menu: option 4, “Add Inventory”  Coffee: -1  Milk:1  Sugar:1  Chocolate:1 | Re-enter Coffee amount displayed on screen. |  |
| addInventory\_4\_NegValueMilk | Precondition: Run CoffeeMaker  Enter Menu: option 4, “Add Inventory”  Coffee: 1  Milk:-1  Sugar:1  Chocolate:1 | Re-enter Milk amount displayed on screen. |  |
| addInventory\_5\_BadValueSugar | Precondition: Run CoffeeMaker  Enter Menu: option 4, “Add Inventory”  Coffee: 1  Milk: 1  Sugar: 1  Chocolate:1 | Re-enter Sugar amount displayed on screen. |  |
| addInventory\_1\_NegValueChocolate | Precondition: Run CoffeeMaker  Enter Menu: option 4, “Add Inventory”  Coffee: 1  Milk: 1  Sugar: 0  Chocolate: -1 | Re-enter Chocolate amount displayed on screen. |  |
| addInventory\_2\_Successful | Precondition: Run CoffeeMaker  Enter Menu: option 4, “Add Inventory”  Coffee: 1  Milk: 1  Sugar: 0  Chocolate:1  Return to main menu. | Status message “Coffee Inventory successfully added” displayed on screen.  Coffee maker returned to main menu (waiting state). |  |
| checkInventory\_1\_Successful | Precondition: Run addInventory1\_Successful  Enter: Menu option 5, “Check Inventory”  Return to main menu. | Coffee Inventory successfully displayed on screen with the following values:  Coffee: 15  Milk: 15  Sugar:15  Chocolate:15  Upon completion, Coffee maker returned to main menu (waiting state). |  |
| testMakeCoffee\_1\_PurchaseCoffeeNoChange | Precondition: Run addRecipe1  Enter: Menu option 6, “Purchase Beverage”  Select Beverage option: 1  Deposit Money: 1  Return to main menu. | No change returned.  Beverage Coffee1 dispensed successfully  “Your change is (amount returned)” is displayed.  Coffee maker returned to main menu (waiting state).  Inventory amounts deducted successfully when viewing Check Inventory. |  |