**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 |
| addRecipe2 | Precondition: Run CoffeeMaker, recipe Coffee is already in the machine Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu. | Cannot add Coffee to machine twice. Return to Main Menu | Recipe with same name already exists so was not added, return to Main Menu |
| addRecipe3 | Precondition: Run CoffeeMaker Enter: Menu option 1, "Add a recipe " Name: Coffee Price: -50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: -1 Return to main menu. | Item is negative, cannot add. Return to Main Menu | Price is negative and won’t add recipe, return to Main Menu |
| deleteRecipe1 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu. | Successfully deleted | Recipe successfully deleted |
| deleteRecipe2 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: bbbb Return to main menu. | Recipe not deleted due to no recipe with name exists. Return to Main Menu | No recipe with name exists, return 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 added |
| editRecipe2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, "Edit a recipe " Select: bbbb  Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Return to main menu. | No recipe has that name. Return to Main Menu | Cannot edit recipe due to with no recipe having that name, return to Main Menu |
| editRecipe3 | 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 | Price is negative, recipe will not be edited. Return to Main Menu | Will not be edited due to price being negative, return to Main Menu |
| editRecipe4 | 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 | Item (Coffee) is negative. Not edited. Return to Main Menu | Item coffee is negative, recipe not edited. Return to Main Menu |
| addInventory1 | Precondition: Run CoffeeMaker, Check Inventory works Enter: Menu option 4, "Add inventory" Coffee: 1 Milk: 1 Sugar: 1 Chocolate: 1 Return to main menu. | Inventory successfully added | Inventory successfully added |
| addInventory2 | Precondition: Run CoffeeMaker, addRecipe1, deleteRecipe1, addInventory1 Enter: Menu option 4, "Add inventory" Coffee: -1 Milk: 1 Sugar: 1 Chocolate: 1  Return to main menu. | Can’t add item with negative value. Return to Main Menu | Item coffee is negative and inventory is not added, return to Main Menu |
| checkInventory | Precondition: Run CoffeeMaker  Enter: Menu option 5, “Check Inventory” | Inventory displayed correctly | Inventory displayed correctly |
| purchaseBeverage1 | Precondition: All of the previous test run successfully Enter: Menu option 6, “Purchase Beverage” Enter option (1-4): 1 Enter amount of money:100 | Display correct change. Return to Main Menu | Display correct change, return to Main Menu |
| purchaseBeverage2 | Precondition: All of the previous test run successfully Enter: Menu option 6, “Purchase Beverage” Enter option (1-4): 1 Enter amount of money:100 | Not enough inventory to make the beverage. | Not enough inventory to create beverage |
| purchaseBeverage3 | Precondition: All of the previous test run successfully Enter: Menu option 6, “Purchase Beverage” Enter option (1-4): 1 Enter amount of money:-100 | Returned to Menu, money is negative value | Money is a negative value cannot make purchase return to Menu |
| purchaseBeverage4 | Precondition: All of the previous test run successfully Enter: Menu option 6, “Purchase Beverage” Enter option (1-4): 1 Enter amount of money: 10 | Not enough money to make purchase. Return to Menu | Not enough money to make purchase, return to Menu |
| purchaseBeverage5 | Precondition: All of the previous test run successfully Enter: Menu option 6, “Purchase Beverage” Enter option (1-4): 2 Enter amount of money:100 | Item is null, return to Menu | Trying to purchase item that is currently null and no purchase is made, return to Menu |