**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. |  |
| addRecipe2 | Precondition: addRecipe1 has run successfully  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 |  |
| addRecipe3 | Precondition: addRecipe1 has run successfully  Enter: Menu option 1, "Add a recipe " Name: Frap Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu  Enter: Menu option 1, "Add a recipe " Name: Latte Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu.  Enter: Menu option 1, "Add a recipe " Name: Mocha Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 Return to main menu. | Coffee could not be added |  |
| addRecipe4 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: g Return to main menu. | Coffee could not be added |  |
| addRecipe5 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: g Return to main menu. | Coffee could not be added |  |
| addRecipe6 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: g Return to main menu. | Coffee could not be added |  |
| addRecipe7 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: g Return to main menu. | Coffee could not be added |  |
| addRecipe8 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: g Return to main menu. | Coffee could not be added |  |
| addRecipe9 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: -1 Return to main menu. | Coffee could not be added |  |
| addRecipe10 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: -1 Return to main menu. | Coffee could not be added |  |
| addRecipe11 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: -1 Return to main menu. | Coffee could not be added |  |
| addRecipe12 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: -1 Return to main menu. | Coffee could not be added |  |
| addRecipe13 | 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. | Coffee could not be added |  |
| deleteRecipe1 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu. | Coffee successfully deleted |  |
| deleteRecipe2 | Precondition: Run CoffeeMaker  Enter: Menu option 2, "Delete a recipe " Select: null Return to main menu. | Null could not be deleted |  |
| deleteRecipe3 | Precondition: Run CoffeeMaker  Enter: Menu option 2, "Delete a recipe " Select: 5 Return to main menu. | Return to main menu |  |
| deleteRecipe4 | Precondition: Run CoffeeMaker  Enter: Menu option 2, "Delete a recipe " Select: g Return to main menu. | 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 edited |  |
| editRecipe2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, "Edit a recipe " Select: 5 Return to main menu. | Return to main menu |  |
| editRecipe3 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: g  Return to main menu. | Return to main menu |  |
| editRecipe4 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: null Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Return to main menu. | Return to main menu |  |
| editRecipe5 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: -1  Return to main menu. | Return to main menu |  |
| editRecipe6 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: -1 Return to main menu. | Return to main menu |  |
| editRecipe7 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: -1  Return to main menu. | Return to main menu |  |
| editRecipe8 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: 1 Sugar: -1 Return to main menu. | Return to main menu |  |
| editRecipe9 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: -1  Return to main menu. | Return to main menu |  |
| editRecipe10 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: g  Return to main menu. | Return to main menu |  |
| editRecipe11 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: g Return to main menu. | Return to main menu |  |
| editRecipe12 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: g  Return to main menu. | Return to main menu |  |
| editRecipe13 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: 1 Sugar: g  Return to main menu. | Return to main menu |  |
| editRecipe14 | Precondition: Run CoffeeMaker  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: g Return to main menu. | Return to main menu |  |
| checkOptions | Precondition: Run CoffeeMaker | Welcome to the CoffeeMaker!   1. Add a recipe 2. Delete a recipe 3. Edit a recipe 4. Add inventory 5. Check inventory 6. Make coffee   Please press the number that corresponds to what you would like the coffee maker to do. |  |
| addInventory1 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 4 Milk: 3 Sugar: 1 Chocolate: 2 Return to main menu.  Enter: Menu option 5, "Check inventory " Return to main menu. | Coffee: 19 Milk: 18 Sugar: 16 Chocolate: 17 |  |
| addInventory2 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: -1 Return to main menu. | Return to main menu |  |
| addInventory3 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 3 Milk: -1 Return to main menu. | Return to main menu |  |
| addInventory4 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 3 Milk: 1 Sugar: -1 Return to main menu. | Return to main menu |  |
| addInventory5 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 3 Milk: 1 Sugar: 1 Chocolate: -1 Return to main menu. | Return to main menu |  |
| addInventory6 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: g Return to main menu. | Return to main menu |  |
| addInventory7 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 3 Milk: g Return to main menu. | Return to main menu |  |
| addInventory8 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 3 Milk: 1 Sugar: g Return to main menu. | Return to main menu |  |
| addInventory9 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add inventory " Coffee: 3 Milk: 1 Sugar: 1 Chocolate: g Return to main menu. | Return to main menu |  |
| checkInventory | Precondition: Run CoffeeMaker  Enter: Menu option 5, "Check inventory " Return to main menu. | Coffee: 15 Milk: 15 Sugar: 15 Chocolate: 15 |  |
| purchaseBeverage1 | Precondition: addRecipe1 has run successfully  Enter: Menu option 6, "Make coffee " Select: Coffee  Pay: 50 Return to main menu. | Beverage is dispensed  Your change is: 0 |  |
| purchaseBeverage2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 6, "Make coffee " Select: Coffee  Pay: 47 Return to main menu. | Beverage is not dispensed  Your change is: 47 |  |
| purchaseBeverage3 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 16 Milk: 16 Sugar: 16 Chocolate: 16 Return to main menu.  Enter: Menu option 6, "Make coffee " Select: Coffee  Pay: 50 Return to main menu. | Beverage is not dispensed  Your change is: 50 |  |
| purchaseBeverage4 | Precondition: Run CoffeeMaker  Enter: Menu option 6, "Make coffee " Select: 5 Pay: 50 Return to main menu. | Return to main menu |  |