**Acceptance Tests**

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| checkOptions1 | Precondition: Run CoffeeMaker | Six different options should be displayed:   1. add recipe 2. delete a recipe 3. edit a recipe 4. add inventory 5. check inventory 6. purchase beverage |  |
| 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, CoffeMaker returned to waiting state |  |
| addRecipe2 | Precondition: Run CoffeeMaker   Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Enter: Menu option 1, "Add a recipe " Name: Coffee2 Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Enter: Menu option 1, "Add a recipe " Name: Coffee3 Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Enter: Menu option 1, "Add a recipe " | The fourth attempt to add coffee should fail, CoffeMaker returned to waiting state |  |
| addRecipe3 | Precondition: Run CoffeeMaker   Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0  Enter: Menu option 1, "Add a recipe " Name: Coffee Price: 50 Coffee: 3 Milk: 1 Sugar: 1 Chocolate: 0 | Adding another coffe with the same name (“Coffee”) should fail, CoffeMaker returned to waiting state |  |
| deleteRecipe1 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu. | Successfully deleted, CoffeMaker returned to waiting state |  |
| deleteRecipe2 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee4 | Coffee 4 does not exist and cannot be deleted, CoffeMaker returned to waiting state |  |
| editRecipe1 | Precondition: addRecipe1 has run successfully  Enter: Menu option 3, "Edit a recipe " Select: Coffee  Price: 40 Coffee: 2 Milk: 2 Sugar: 2 Chocolate: 2  Return to main menu. | Coffee successfully added, CoffeMaker returned to waiting state |  |
| editRecipe2 | Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe " Select: Coffee6 | Coffee 6 does not exist and cannot be edited |  |
| addInventory1 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add Inventory"  Coffee: 5  Milk: 5  Sugar: 5  Chocolate: 5  Return to main menu  Enter: Menu option 4, "Add Inventory"  Coffee: 5  Milk: 5  Sugar: 5  Chocolate: 5 | Inventory successfully added, status message printed, CoffeMaker returned to waiting state |  |
| addInventory2 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add Inventory"  Coffee: -1  Milk: 5  Sugar: 5  Chocolate: 5 | Inventory should not be added, CoffeMaker returned to waiting state |  |
| checkInventory1 | Precondition: addInventory1 has run successfully  Enter: Menu option 5, "Check Inventory" | Display units of each item in the inventory, CoffeMaker returned to waiting state |  |
| purchaseBeverage1 | Precondition: addRecipe1 has run successfully, addInventory1 has run successfully  Enter: Menu option 6, "Make Coffee"  Select: Coffee  Amount to pay: 20 | Display that coffee was not purchased due to insufficient amount, return change 20, CoffeMaker returned to waiting state |  |
| purchaseBeverage2 | Precondition: addRecipe1 has run successfully, addInventory1 has run successfully  Enter: Menu option 6, "Make Coffee"  Select: Coffee  Amount to pay: 60 | Display that coffee was purchased, return change 10, CoffeMaker returned to waiting state |  |