**Acceptance Tests**

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| checkOptions0 | 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.  CoffeeMaker is returned to the waiting state. |  |
| addRecipe2 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: CoffeeTwo Price: 50 Coffee: -2 Milk: 1 Sugar: 1 Chocolate: -1 Return to main menu. | Coffee successfully added.  CoffeeMaker is returned to the waiting state.  //These values are run for purposes of coverage testing. |  |
| addRecipe3 | Precondition: Run CoffeeMaker  Enter: Menu option 1, "Add a recipe " Name: CoffeeThree Price: 50 Coffee: 2 Milk: 1 Sugar: 1 Chocolate: 2  Enter: Menu option 1, "Add a recipe " Name: CoffeeThree Price: 50 Coffee: 5 Milk: 2 Sugar: 3 Chocolate: 2 Return to main menu. | Coffee cannot be added because the recipe name must be unique.  Message is printed to specify that the recipe could not be added.  CoffeeMaker is returned to the waiting state. |  |
| addRecipe4 | 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.  Enter: Menu option 1, "Add a recipe " Name: CoffeeTwo Price: 50 Coffee: -2 Milk: 1 Sugar: 1 Chocolate: -1 Return to main menu.  Enter: Menu option 1, "Add a recipe " Name: CoffeeThree Price: 50 Coffee: 5 Milk: 2 Sugar: 3 Chocolate: 2 Return to main menu.  Enter: Menu option 1, "Add a recipe " Name: CoffeeFour Price: 50 Coffee: 6 Milk: 2 Sugar: 1 Chocolate: 2 Return to main menu. | The 3rd coffee recipe cannot be added.  Message is printed to specify that the recipe could not be added.  CoffeeMaker is returned to the waiting state. |  |
| deleteRecipe1 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: Coffee Return to main menu. | Successfully deleted |  |
| deleteRecipe2 | Precondition: addRecipe1 has run successfully Enter: Menu option 2, "Delete a recipe " Select: CoffeeSeven | The recipe does not exist in the list of recipes and therefore, cannot be deleted.  CoffeeMaker is returned to the waiting state. |  |
| 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. |  |
| editRecipe2 | Precondition: addRecipe1 has run successfully Enter: Menu option 3, "Edit a recipe " Select: CoffeeTen | The recipe does not exist in the list of recipes and therefore, cannot be deleted. |  |
| addInventory 1 | Precondition: Run CoffeeMaker  Enter: Menu option 4, "Add Inventory"  Coffee: 10  Milk: 20  Sugar: 25  Chocolate: 30  Return to main menu | Inventory successfully added.  Message printed indicating success.  CoffeeMaker is returned to the waiting state. |  |
| checkInventory1 | Precondition: addInventory1 has run successfully  Enter: Menu option 5, "Check Inventory" | Displays unit of each item in the inventory.  CoffeeMaker is returned to the waiting state. |  |
| purchaseBeverage1 | Precondition: addRecipe1 has run successfully  Enter: Menu option 6, "Purchase Coffee"  Select: Coffee  Amount to pay: 20  Amount Paid: 30 | Display that coffee was purchased,  Return change 10,  CoffeeMaker returned to waiting state. |  |
| purchaseBeverage2 | Precondition: addRecipe1 has run successfully  Enter: Menu option 6, "Purchase Coffee"  Select: Coffee  Amount to pay: 20  Amount Paid: 10 | The user is not able to purchase a beverage because they did not deposit enough money.  Return change 20.  CoffeeMaker returned to waiting state. |  |
| purchaseBeverage3 | Precondition: addRecipe1 has run successfully  Enter: Menu option 6, "Purchase Coffee"  Select: CoffeeTwo  Amount to pay: 50 Amount Paid: 50 | The user is not able to purchase a beverage because the beverage is not in the recipe book.  Return change 50.  CoffeeMaker returned to waiting state. |  |