|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Form** | **Line Number(s)** | **Variable** | **Event** | **Input** | **Expected Output (Text in File)** | **Actual Output (Text in File)** |
| Recipe Maker | 44-96 | RecipeName.Text | Publish button clicked | 1 | 1 | 1 |
|  |  |  |  | 123 | 123 | 123 |
|  |  |  |  | -1 | -1 | -1 |
|  |  |  |  | 0 | 0 | 0 |
|  |  |  |  | A | A | A |
|  |  |  |  | Test | Test | Test |
|  |  |  |  | Test with spacing | Test with spacing | Test with spacing |
|  |  | Ingredient(i).Text / Amount(i).Text / Unit(i).Text | Publish button clicked | 1  1  1 | 1  1  1 | 1  1  1 |
|  |  |  |  | 0  0  0 | 0  0  0 | 0  0  0 |
|  |  |  |  | Test  Test  Test | Test  Test  Test | Test  Test  Test |
|  |  |  |  | Test / space  Test / space  Test / space | Test / space  Test / space  Test / space | Test / space  Test / space  Test / space |
|  |  | Method.Text | Publish button clicked | 1 | 1 | 1 |
|  |  |  |  | 123 | 123 | 123 |
|  |  |  |  | 0 | 0 | 0 |
|  |  |  |  | Test | Test | Test |
|  |  |  |  | Test with space | Test with space | Test with space |
|  |  |  |  | Test  with formatting | Test  with formatting | Test  with formatting |
| White Good Provider | 45-92 | ProductName.Text | Publish button clicked | 3 | 3 | 3 |
|  |  |  |  | 565 | 565 | 565 |
|  |  |  |  | -1 | -1 | 1 |
|  |  |  |  | 0 | 0 | \*blank\* |
|  |  |  |  | A | A | A |
|  |  |  |  | Test | Test | Test |
|  |  |  |  | Test with spacing | Test with spacing | Test with spacing |
|  |  | ProductDetails.Text | Publish button clicked | 4 | 4 | 4 |
|  |  |  |  | 343 | 343 | 343 |
|  |  |  |  | -1 | -1 | 1 |
|  |  |  |  | 0 | 0 | \*blank\* |
|  |  |  |  | B | B | b |
|  |  |  |  | Test343 | Test343 | Test343 |
|  |  |  |  | Test with spacing | Test with spacing | Test with spacing |
|  |  | Price.Text | Publish button clicked | 123 | 123 | 123 |
|  |  |  |  | -200 | -200 | 200 |
|  |  |  |  | test | test | \*pop up message\* |
|  |  |  |  | Test with spaces | Test with spaces | \*pop up message\* |
| **Form** | **Line Number(s)** | **Variable** | **Event** | **Input** | **Expected Output (Text displayed on card)** | **Actual Output (Text displayed on card)** |
| White Goods | 44-65 | WhiteGoods | GoodOpen is loaded | \AnyKitchen\Goods\Fridge.text | Fridge | Fridge |
|  |  |  |  | \Goods\SamsungSmartFridge.text | SamsungSmartFridge | SamsungSmartFridge |
|  |  |  |  | \Goods\Test with spacing.text | Test with spacing | Testwithspacing |
|  |  |  |  | \Goods\10101.text | 10101 | 10101 |
|  |  | GoodsViewerVariable | Goodbtn1 is clicked | \Goods\10101.text | \Goods\10101.text  GoodOpen is loaded | \Goods\10101.text  GoodOpen is loaded |
| Recipe Book | 45-62 | Recipes | RecipeOpen is loaded | \Recipes\Apple Pie.text | Apple Pie | Apple Pi |
|  |  |  |  | \Recipes\1000010.text | 1000010 | 1000010 |
|  |  |  |  | \Recipes\Exrta Long Recipe Name.text | Extra Long Recipe Name | Extra Long Rec |
|  |  | RecipeViewerVariable | Recipebtn1 is clicked | \Recipes\1000010.text | \Recipes\1000010.text  RecipeOpen is loaded | \Recipes\1000010.text  RecipeOpen is loaded |
| **Form** | **Line Number(s)** | **Variable** | **Event** | **Input** | **Expected Output (Text displayed)** | **Actual Output (Text displayed)** |
| Shopping List | 51-54 | ShoppingListViewer | Shoppinglist is opened | \ShoppingLists\ShoppingList.txt | \ShoppingLists\ShoppingList.txt | \ShoppingLists\ShoppingList.txt |
|  | 57-68 | \ShoppingLists\ShoppingList.txt | Save Button is clicked | ShoppingListViewer.Text | ShoppingListViewer.Text | ShoppingListViewer.Text |
|  | 72-83 | ShoppingListViewer.ReadOnly / ShoppingListViewer.BackColor | Edit Button is clicked | Edit Button is clicked | ShoppingListViewer backcolor is changed to Gray | ShoppingListViewer backcolor is changed to Gray |
| Wishlist | 43-47 | WishlistViewer | Wishlist is opened | \Wishlists\Wishlist.txt | \Wishlists\Wishlist.txt | \Wishlists\Wishlist.txt |
|  | 51-61 | \Wishlists\Wishlist.txt | Save Button is clicked | Wishlist.txt | Wishlist.txt | Wishlist.text |
|  | 65-77 | WishListViewer.ReadOnly / WishListViewer.BackColor | Edit Button is clicked | Edit Button is clicked | WishListViewer backcolor is changed to Gray | WishListViewer backcolor is changed to Gray |
| Calendar | 43-55 | SelectedDate | Day is selected in calendar | 01\03\2020 | 01032020 | 01032020 |
|  |  |  |  | 02\03\2020 | 02032020 | 02032020 |
|  |  |  |  | 12\11\2021 | 12112021 | 12112021 |

**Security**

All files that are used in the application are backed up to the cloud using Microsoft’s OneDrive service. A second backup will also be kept on USB drive and the internal Solid-State Drive of my personal PC in case the OneDrive account becomes unavailable or the internet is not accessible. The files are also managed into folders making them easily accessible and easy to understand in case a user wants to access the files of their recipes and other saved data themselves. The application itself can however be opened by itself through an executable (.exe) file to make the user experience more seamless since they do not need to access the source code a launch the application through the debug folder.

**Validation Points**

|  |  |  |  |
| --- | --- | --- | --- |
| **Form** | **Line(s)** | **Variable** | **Function** |
| Recipe Maker | 52 | RecipeName.Text | Make sure the recipe name textbox is not empty |
|  |  | Method.Text | Make sure the method textbox is not empty |
|  | 55 | RecipeDisplayCounter | Makes sure the user cannot create store more than 10 recipes |
|  | 72 | Ingredient.Text | Makes sure the ingredient textbox is not empty |
| White Good Provider | 49 | ProductName.Text | Makes sure the product name textbox is not empty |
|  |  | ProductDetails.Text | Makes sure the product details textbox is not empty |
|  |  | Price.Text | Makes sure the price textbox is not empty |
|  | 51 / 82-90 | Price.Text | Checks to make sure text in price textbox is an integer |
|  | 53 | RecipeDisplayCounter | Makes sure the user cannot create store more than 10 products |