

**COT 6931 Software Test Document**



Food Giant Sales Flyer Generator



# Revision History

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| Revision # | Date | Changed Items |
| 1 | 03/05/2017 | Initial Document Creation |
| 2 | 03/25/2017 | Added new unsorted test cases to reflect design document work |
| 3 | 04/03/2017 | Added Summary and new Test Cases |
| 4 | 04/20/2017 | Added final list of Test Cases |

# Section 1 Introduction

This document is designed to explain the rationale behind generating Test Cases for the Food Giant Flyer Generator program. Test Cases will be separated by program section. Since many Test Cases will build upon each other, Test Cases that require duplicate steps will simply state “Manager completes Test Case X” to prevent the client from reading the same steps repetitively.

Use Cases will be described in the User Manual, which will explain, using program screenshots, how the user can accomplish certain tasks in the program.

# Section 2 Food Giant Login Test Cases

## Test Case 1: Open Food Giant Program Selector (District Manager Only)

1. District Manager starts Login Program
2. Manager enters valid login credentials and logs in
   1. If invalid credentials are entered, this enters the “Invalid Credentials” test case
3. The Program Selector Window will open, allowing the manager to select which program they wish to start

## Test Case 2: Open Food Giant Flyer Creator Program (Store Manager Only)

1. Store Manager starts Login Program
2. Manager enters valid login credentials and logs in
   1. If invalid credentials are entered, this enters the “Invalid Credentials” test case
3. The Flyer Creator program will display in a new window

# Section 3 Food Giant Flyer Creator Test Cases

These Test Cases test the following Requirements:

* SR 1.2
* SR 1.2.1
* SR 1.3
* SR 1.4
* SR 1.4.1
* SR 1.4.2
* SR 3.1
* SR 3.2

## Test Case 3: Create Flyer

1. Manager completes Test Case 2
2. Manager selects the template they wish to use (there will be a default template select by default if the Manager does not select a template)
3. Manage selects the start and end dates of the flyer sales
4. Manager selects the number of items they wish to choose from
5. Manager selects the applicable item for the section
   1. Each item selection populates the item price and up to three images associated with the item
6. Manager sets price field for each item by changing the default price to the value they require
7. Manager sets item size and adds any miscellaneous item notes, if required
8. Manager selects the image they wish to show in the flyer (the first image is selected by default)
9. After the Manager selects all items they want for the form, they click “Generate”
10. This data is sent to a new window containing the selected flyer template page and populated data

## Test Case 4: Print Flyer

1. Manager completes Test Case 3
2. In the newly generated Flyer Page, the Manager clicks the Print button, right-clicks the flyer then clicks Print or presses Control + P
3. The default Windows print menu will display
4. The Manager prints out the flyer
5. After Printing, the program will automatically copy the flyer’s data into the SQL Database under the Flyer History table

# Section 4 Flyer History Test Cases

## Test Case 5: Open View Saved Flyers

1. District Manager completes Test Case 1
2. Manager selects “View Flyer History”
3. View Flyer History Page populates in a new Window
4. Manager selects a drop-down list containing all the users that have created a Flyer
5. Manager selects the data of the flyer they wish to view
6. Manager clicks the view flyer button
7. The SQL Database populates the saved flyer template with the flyer’s data
8. The Manager sees the regenerated flyer in a new Window

# Section 4 Database Maintainer Test Cases

* SR 2.4
* SR 2.4.1
* SR 2.4.2

## Test Case 6: Open Database Maintainer

1. District Manager completes Test Case 1
2. Manager selects “Add a new Database Item”
3. Database Maintainer Page populates in a new Window

## Test Case 7: Add New Food Giant Inventory Item

1. District Manager completes Test Case 6
2. Manager enters name of product, category of product and selects one or more images for the product
3. Manager clicks “Add Product”
   1. If this is the first addition being made in the Page, the existing database renamed to a backup version, then copied to the Database Backup location
4. Data is entered in to a SQL Query and added to the database table
5. Image is copied to the program’s image folder
6. A message box will display informing the Manager they have successfully added the item to the database and this message will populate in the log at the bottom of the page