

**COT 6931 Software Requirements Specification**



Food Giant Sales Flyer Generator

# Revision History

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| --- | --- | --- |
| Revision # | Date | Changed Items |
| 1 | 02/26/2017 | Initial Document Creation |
| 2 | 03/04/2017 | Updated Requirement 2.2 from review with Stakeholder |
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# Overall Software Requirements

Food Giant requests that they have the ability to generate flyers based on items they currently have in stock and print these items as a store flyer.

# Software Requirements

## SRS001

Implement a program as a GUI that allows a store manager to select from one or more template types and categorized items created from a database.

### Sub Requirement 1.1

Create a client-side login page to allow different user permissions to Store Managers and District Managers

#### Sub Requirement 1.1.1

Login Page should send user name to rest of program so their actions can be recorded throughout program. Important for requirement 1.3.1

### Sub Requirement 1.2

Create a Flyer Design Page to allow any manager to select items to populate a store flyer aspx page

#### Sub Requirement 1.2.1

Flyer Design Page should allow the user to select from and preview templates used to create flyer

#### Sub Requirement 1.2.2

Flyer Design Page should auto save on print function, allowing a District Manager to view this flyer at a later date

### Sub Requirement 1.3

Create a View Created Flyers Page to allow a District Manager to see created Flyers

#### Sub Requirement 1.3.1

View Created Flyer Page should date viewed flyers and say which user created the Flyer

### Sub Requirement 1.4

Create an aspx page that will take data entered from the Flyer Design Page to populate items

#### Sub Requirement 1.4.1

Create multiple aspx pages to support templates from item 1.2.1.

#### Sub Requirement 1.4.2

Implement a simple print program that can print this complete flyer out to a printer or pdf file for future use.

## SRS002

Create a SQL database used to store Food Giant data.

### Sub Requirement 2.1

The database must contain categorized items with anywhere from 1-3 associated image name(s).

### Sub Requirement 2.2

Implement the functionality for a division manager or division manager’s assistant to add more items to the database.

#### Optional Requirement

Create a search program that could allow store managers to search the database for certain items instead of scrolling through the entire large list of items. (Database search should already exist so this may just be a small section in the user guide)

### Sub Requirement 2.3

Database must link with Flyer Design Page

### Sub Requirement 2.4

Database should keep list of saved Flyer pages and store data by user. Links with Item 1.3.2.

## SRS003

Deploy this program onto a server that the store managers, division managers and division manager’s assistants can log in to in order to print a flyer, add a new product and associated images, or add a new flyer template.

### Sub Requirement 3.1

Create a Server-side logic section that validates data entered from the server. All communication from the client must be validated before any action is done in the program.

### Sub Requirement 3.2

Verify program is accessible from any computer and handles invalid login information gracefully

## SRS004

Create a User Guide for the Food Giant Flyer program

### Sub Requirement 4.1

User Guide must explain how to maintain and add items to database

### Sub Requirement 4.2

User Guide must explain how to create a flyer

### Sub Requirement 4.3

User Guide must explain how to add new templates

### Sub Requirement 4.4

User Guide must explain how to maintain source code

### Sub Requirement 4.5

User Guide must explain how to handle login credentials

# Terms of Reference

|  |  |
| --- | --- |
| Term | Definition |
| ASP.NET | Active Server Pages |
| GUI | Graphical User Interface |
| MVVM | Model View View-Model |
| QA | Quality Assurance |
| SDD | Software Design Description |
| SPMP | Software Project Management Plan |
| SQL | Structured Query Language |
| SRS | Software Requirements Specifications |
| STD | Software Test Document |