

Software Requirements Specification Document for an online product image gallery for an online flower shop

1.1 PURPOSE

The purpose of this document is to build an online system to build a product catalogue by uploading photos of the available products from a local machine.

1.2 DOCUMENT CONVENTIONS

This document uses the following conventions.

DB	Database
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1.3 INTENDED AUDIENCE AND READING SUGGESTIONS

This application intended to be used by the employees of the flower shops / online store companies.

1.4 PROJECT SCOPE

The purpose of this online application is to be enable employees of a flower shop to collaboratively upload and view the product images **in one platform** so that any employee can add / alter / view the product image at any time over the internet depending on the current need.

The application is based on a database which stores the employee's information.

2. OVERALL DESCRIPTION

2.1 PRODUCT PERSPECTIVE

The database includes, Username and User ID.

2.2 USER CLASS and CHARACTERISTICS

Users of the system should be able to login / register and upload & view images in the gallery.

Users can also click on an image in the gallery to view the image in the larger size.

2.3 Principal Actors

Only 1 principal actor, the employees.

2.4 OPERATING ENVIRONMENT

The users can operate on this web app over the internet from any operating system.

2.5 Assumptions and Dependencies

Working of this web app needs internet connection.

3. SYSTEM FEATURES

DESCRIPTION

The web app maintains and stores the images uploaded by the user.

STIMULUS/RESPONSE SEQUENCES

- Login into the account / Register for an account
- Choose the image to be uploaded from a local machine.
- Upload the image.
- Click on the image to enlarge & view it.

3.1 Functional Requirements:

This section provides requirement overview of the system.

Various functional modules that can be implemented by the system will be –

Registration

If customer wants to upload the product image, then he/she must be registered, unregistered user cannot go to the image gallery.

Login

Customer logs in to the system by entering valid user id and password for the uploading and view the images.

3.2 Non-Functional Requirements

- ☐ Security
- ☐ Reliability
- ☐ Maintainability
- ☐ Portability
- ☐ Extensibility
- ☐ Reusability
- ☐ Compatibility
- ☐ Resource Utilization

3.3 Performance Requirements:

To maintain an acceptable speed at maximum number of uploads allowed from a particular user as any number of users can access to the system at any time.

3.4 Technical Issues: This system will require an internet server, and which will be able to run the .NET web application. The system should support some commonly used browser such as IE, Mozilla Firefox, chrome etc.

4. Interface Requirement:

Various interfaces could be:

- 1) Login Page
- 2) Registration Page
- 3) Image Gallery Page
- 4) After clicking on an image, another screen with the enlarged image will open.

5. DFD Diagram

