Assignment # 2

CS322 - SC - Software Construction

Gift Registry System (Case Study # 1)

**Group no. 5**

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**Submission Date:** 14-10-2024

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Quaid i Azam University

Department of Computer Science

**Gift Registry System (Case Study)**

The submitted document titled “**Gift Registry System**” is authentic work submitted by Ghufran Mahmood ( 04072213004), Muhammad Faheem Khan ( 04072213031 ), Aftab Burki ( 04072113011) conducted at Quaid-i-Azam University, Islamabad. The document strictly follows the IEEE guidelines and ensures secure coding practices.

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Sign of Instructor

**Preface**

The documentation of gift registry system web based Software, developed to deal with the selection and purchasing of different items from the given list by the Registered Person for his/her friends those will give gifts to Registered Person on his particular event. The software allow the credit card payment methodology, and also modificiaions before the payment.

**Change of History**

version:1.0 (This is First Version)

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Use-cases Descriptions

* UC1 (by M.Faheem khan)

Title: Manage Inventory

Actor: Shop Owner

Stakeholders:

1. Shop owner: Shop owner will manage shop inventory.
2. Registered Person: Registered person will select items from inventory and prepare list of items.
3. Friend: Friend will buy items from list and will gift them.

Pre-conditions:

Shop owner must be login as Admin.

Post-conditions:

1. Items are successfully deleted, updated or added to inventory.
2. Data on Registered person and Friend’s page is updated successfully.

Special Requirements:

None.

Frequency of Occurrence:

On regular basis.

Main Success Scenario:

1. Shop owner login to the gift registry system.
2. He selects Inventory Management option.
3. The system will show the Add, Delete and Update options.
4. Shop owner must select one of them.
5. After selection, shop owner enter necessary data.
6. System asks for confirmation.
7. Shop owner must confirm.

Alternate Scenario:

1. Instead of confirmation, the shop owner review the data and make changes then confirm it.

Failed Scenario:

1. Shop owner try to delete an item that is currently selected in registry, an error message will be displayed by the system.

Usecase Diagram: