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

* UC3 (by Ghufran Mahmood)

Title: Select Gift

Actor: Friend

Stakeholders:

1. Friend: Friend will select gift from Gift registry list.
2. Registered person: Registered person select create the gift registry from where gift will be selected.

Pre-conditions:

1. Friend must be login to the system as Friend.
2. Friend must be viewing a gift registry.

Post-conditions:

1. Selected item will be reserved for friend till payment or for some time.

Special Requirements:

What other selected should be hide from friend.

Frequency of Occurrence:

In large number.

Main Success Scenario:

1. Friend login to the system.
2. He selects ‘View Gift registry’.
3. He selects the item(gift) he want to buy for his friend.
4. System asks for confirmation.
5. Friend confirm the gift selection.
6. System will reserve the item for friend.

Alternate Scenario:

1. If friend try to select an item that is already reserved by other, the system will prevent him from selecting and will notify when the item become available.

Failed Scenario:

1. When item is out of stock the system will show an appropriate message.

Usecase Diagram: