Assignment # 2

CS322 - SC - Software Construction

Gift Registry System (Case Study # 1)

**Group no. 5**

**Team Members:**

* Ghufran Mahmood ( Team Lead ) - 04072213004
* Aftab Burki - 04072113011
* Muhammad Faheem Khan - 04072213031

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

**Signature Page**

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.

**Team Leader:**

Ghufran mahmood 04072213004

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Member2:**

Aftab Burki 04072113011

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Member3:**

Muhammad Faheem Khan 04072213031

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Date: 14-10-2024

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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)

**Table of contents**

Usecase 1………………………………………………………………………………………………..03

Usecase 2………………………………………………………………………………………………..04

Usecase 3………………………………………………………………………………………………..05

**List of Figures:**

Usecase diagram ……….……………….…….…………………...……………….............. 06

**List of Tables:**

Use-cases Descriptions

* UC2 (by Aftab)

Title: Create Gift registry

Actor: Registered person

Stakeholders:

1. Registered person: registered person will create the gift registry.
2. Friend: friend will select items as gift from Gift registry.
3. Shop owner: Shop owner manages items of inventory, form where items adds to gift registry.

Pre-conditions:

Registered person must be login to the system as Event owner.

Post-conditions:

1. Gift registry is created and saved to the system.
2. A list of items is displayed on friends page.

Special Requirements:

Registry person must indicate an event and its date.

Frequency of Occurrence:

Depends on events (per event).

Main Success Scenario:

1. Registered person login to the system.
2. He selects “Create Gift registry” option.
3. System will ask for event name.
4. Registered person have to enter event (i.e wedding).
5. System will list of items present in the inventory.
6. Registered person select items and enter quantity.
7. He confirms the creation.
8. System displayed “Gift registry created successfully” message.

Alternate Scenario:

1. If registered person enter quantity greater than actual quantity present in inventory, a warning message will be displayed and will be forced to enter quantity in range.

Failed Scenario:

1. If desired items does not exist in shop inventory.

Usecase Diagram: