Assignment # 3

CS322 - SC - Software Construction

Gift Registry System (Case Study # 1)

**Group no. 5**

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**Submission Date:** 29-10-2024

**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.

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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 modifications before payment.

**Change of History**

version:1.0 (This is First Version)

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Use-cases Descriptions

* UC6 (Gufran Mahmood)

Title: Login to the system.

Actor: Registered Person, Shop Owner, Friend

Stakeholders:

1. Shop owner: Shop Owner login to the system to give inventory list.
2. Registered Person: Registered person will login to the system to give gift registry list.
3. Friend: Friend will login to the system to buy items from list and will gift them.

Pre-conditions:

Friend, shop ownerand registered person must be registered in the system.

Post-conditions:

After login user will receive the successful login message.

Special Requirements:

None.

Frequency of Occurrence:

On regular basis.

Input:

1. email
2. id
3. user type( Friend, shop owner, registered person) .

Output:

1. system will display “successfully login” message to the user.

Main Success Scenario:

1. user enter his/her email and id.
2. The system will asked for type( Friend, shop owner, registered person).
3. User will select type.
4. System will display next option.
5. User will select next.
6. System will user to login to the system.

Alternate Scenario:

2a.user can enter wrong type

Failed Scenario:

1a.user can enter invalid email or password.

* UC7(Ghufran Mahmood)

Title: View Gift Registry

Actor: Friend

Stakeholder:

1. Shop owner:Registered Person give his gift registry to Shop Owner.
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:

1. Friend must be login to the system.

Post-conditions:

1. Registry list will be displayed.

Special requirements:

1. None.

Frequency of occurrence:

On regular basis.

Inputs:

1. event id.
2. registry owner name.
3. event date

Outputs:

1. list of registry
2. event details

Main success scenario:

1. He selects View Gift Registry option.

2. The system will show the list of items.

3. He search for viewing category.

4. He will view the registry list.

Alternate scenario:

3a.search category not found.

Failed scenario:

4a.registry unavailable.

System Sequence Diagram:

A screenshot of a login

Description automatically generated