**Assignment #02**

**Usecase diagram &description**

**Software construction**

**Group Members:**

Muhammad Faizan Kiani

Ali Muhammad

Mhammad Ali Sultan

**Submitted to:**Mam onaiza Maqbool

Contents

[1 Useacase Diagram 3](#_Toc179747489)

[3](#_Toc179747490)

[2 Usecase description 4](#_Toc179747491)

[2.1 Muhammad Faizan Kiani 4](#_Toc179747492)

[Ali Muhammad 6](#_Toc179747493)

[2.3 Muhammad Ali Sultan 8](#_Toc179747494)

# 1 Useacase Diagram

# 

# 2 Usecase description

## 2.1 Muhammad Faizan Kiani

* **Use Case ID:** UC-03
* **Use Case Name:** Create Event & Registry
* **Actors:**

1. **Primary Actor:** Event Owner (Registered User)
2. **Secondary Actor:** None

* Stakeholders:

1. **User(Event Owner):** Wants to create an event and set up a gift registry.
2. **Friends:** Will be selecting gifts from the event owner's registry.
3. **Shopkeeper:** Provides items for selection.

* **Preconditions:**

1. The event owner is logged into the system.
2. The items list is available for user to view and select items from it.

* **Postconditions:**

1. A new event and registry are created.
2. Friends can view the event/registry and choose gifts.

* **Main Success Scenario:**

1. The event owner logs into the system.
2. Then chooses the option to create a new event.
3. The system asks for event details (name, date, and an optional payment deadline).
4. The event owner enters the details.
5. The system saves the event and confirms creation.

* **Alternate Scenarios:**
* **Scenario-1:**

If the event owner doesn’t enter all required information (like event name or date), the system asks them to provide it.

* **Scenario-2:**

If user clicks on cancel event.Then the system should not save information and return the user back to dashboard/homepage or previous page

* **Frequency of Occurrence:**

This use case will happen often as people celebrate events regularly (e.g., weddings, birthdays).

## Ali Muhammad

* **Use Case ID:** UC-02
* **Use Case Name:** Post List of Items
* **Actors:**

**Primary Actor:** Shop keeper

**Secondary Actor:** None

* **Stakeholders:**

**Shop Keeper:** Wants to add items for event registries.

**Event Owner:** Need items to select for their events.

* **Preconditions:**

1. The shop keeper is logged into the system.
2. The shop is registered in the system.

* **Postconditions:**

1. The new items are added to the shop's inventory.
2. The items become available for event owners to select for their registries.

* **Main Success Scenario:**

1. The shop keeper logs into the system.
2. The shop keeper selects the option to post a new list of items.
3. The system prompts the shop keeper to enter item details, such as:

* Name
* Description
* Price
* Quantity available

1. The shop keeper fills in the item details.
2. The shop keeper submits the item list.
3. The system saves the new items and confirms successful posting.

* **Alternate Scenarios:**
* **Scenario-1:**

1. Condition: The shop owner does not enter all required information (like item name or price).
2. Action: The system prompts the shop owner to fill in the missing information before submitting.

* **Scenario-2:**

1. Condition: The shop owner tries to post an item with a duplicate name.
2. Action: The system alerts the shop owner that the item name is already in use and requests a different name.

* **Frequency of Occurrence**:

This use case occurs regularly as shop owners frequently update their inventories with new items for various events.

## Muhammad Ali Sultan

* **Use Case Id:** UC- 04
* **Primary Actor:** Friend
* **Secondary Actor:** User , Shop manager
* **Stakeholders :** User, Friend,Shop manager
* **Pre conditions:**

1. The friend is authorized and logged in to the system.

2. The friend has accessed the event.

3. The events deadline has not expired yet.

* **Main success scenario:**

1. The friend views the list of gift items.

2. The friend selects the items from the list.

3. The friend specifies the quantity of each item.

4. The friend then clicks on proceed.

* **Post condition:**

1. The system displays the message "successfully added to your gifting cart" .

2. The system then updates the users gift list.

3.The system updates the shops inventory.

* **Alternative flow:**

1. The selected item goes out of stock.

2. Events deadline might exceed during the selection.

3. Two or more friends might be operating and selecting same gift simultaneously potentially causing errors or disruptance.