**UC3: Add items to Catalogue**

**Primary Actor:** Admin (Shop Owner).

**Stakeholders and Offstage Actors:**

1. **Host**, interested in the successful creation of catalogue so he can create a gift registry for events.
2. **Guest**s want to buy items that have clear descriptions and good prices.
3. **Developer Team** interested in successful working of their software.

**Preconditions:** Admin must be logged into the system and may require user manual to properly use the system.

**Post Conditions:** Item is displayed in the catalogue with necessary descriptions (name, price, product photos, and item stock information), item is given an ID and database is updated.

**Input/Output:**

1. Items description like name, price, stock quantity, and photos are input to the system.
2. Confirmation/success messages, error messages, updated catalogue and database information are outputs.

**Main Success Scenario:**

1. Admin selects add new item button.
2. The system displays a form to enter item details.
3. Admin enters items with details such as name, price per unit, photos, stock count, description, and submits the form.
4. The system adds the new item to the database and confirms success.
5. The item is added to the catalogue and is displayed.

**Alternate Scenarios:**

**\*System Fails:**

At any point in time the system fails due to some technical reasons.

1. Admin restarts the system.
2. The system requires rebooting.
3. Admin selects reboot the system option.
4. The system rolls back any incomplete transactions and displays errors while adding items to the catalogue.
5. Admin starts with step 1.

**3a. Admin forgets a mandatory description field:**

1. The system displays errors in empty fields.
2. Admin enters the mandatory description field and resubmits the form.
3. The system continues to step 4.

**4a. Item already exists in the catalogue:**

1. The system prompts admin to cancel addition or update existing items.
2. Admin cancels addition and resumes with step 5.

**2a. Admin updates the item:**

Admin continues with *Update item in catalogue* use case.

**Frequency of Occurrence:** Frequency may increase during peak days such as holidays, festivals and special days, as new arrivals in items and gifts are introduced. May be less frequent in normal days.