**Use case UC1**: Add Item

**Scope:** Grocery Pricing Application

**Level:** user goal

**Primary Actor:** Registered user

**Stakeholders and Interests:**

* Registered user: Want to easily add an item and its price to the list of a certain grocery store.

**Preconditions:** Registered user is identified and authenticated.

**Success Guarantee (or Postconditions):** The item is saved. The item shows up correctly after it’s saved.

**Main Success Scenario (or Basic Flow):**

1. Registered user login

2. Registered user adds an item.

3. System adds item and its price.

4. The system logs completed adding or updating item.

5. The system shows the item in the search list.

**Extensions (or Alternative Flows):**

1a. Invalid authenticated.

1. Unregistered user tries to add an item.
2. User register as a new member
3. Invalid user or password

2a. System searches for duplicate item.

1. System found a match, then user can update the price for a certain store

3a. User add wrong item

1. User can delete the item and add the correct one

4a. User cancel adding item

1. User cancel adding item, go back to the previous page

**Special Requirements:**

* + Web application is responsive design.

**Technology and Data Variations List:**

1a. User has a choice of create a new registrations or login with Gmail account.

**Frequency of Occurrence:** Could be nearly continuous.

**Open Issues:**

* + Can users upload their profile picture on the registration page?
  + Can users upload pictures of the item?