UML Update Inventory

Use Case: Enter an inventory item donated or bought

Primary Actor: Administrator

Scope: The inventory system

Level: User goal

Brief: The administrator logs into the system and adds the new inventory item as it

arrives/leaves

Stakeholders: Administrator, Food Pantry Manager

Post conditions: The inventory database gets updated with the latest stock

Preconditions: The administrator has access to the account with a log in ID and password

Triggers: When a donor drops off a food item

Basic Flow:

> 1) The administrator logs in with their username and password
>
> 2) The administrator will fill out the form, completing the fields they need
>
> 3) Press the submit button to ensure the entry has been received by the pantry
>
> 4) Once the student has picked up their food, the database will be updated

Extensions:

- Cancel: Pickup order will not be made if student cancels

API Update Inventory Form

```
{
  "foodname": "Apple",
  "count": "10",
  "foodgroup": "Fruit",
  "description": "Red Apples",
  "donor": "John Doe",
  "donorcontact": johndoe@email.com
  "date": "03/05/2017",
  "additionalnotes": "none"
}
=>
{
  "success": true,
  "message": "Item has been entered into system."
}
```

UML Student Order Form

Use Case: Student preorder food from the pantry for pickup

Primary Actor: Student

Scope: The inventory system

Level: User goal

Brief: The student will log in with their Student ID and then fill out the form with their order

Stakeholders: Student

Post conditions: The inventory database gets updated with the latest stock and the student gets their food

Preconditions: The student has access to the pantry with their Student ID and password

Triggers: When a student needs food

Basic Flow:

1. The student logs in with their Student ID and password

2. The student will fill out the form, completing the fields they need

3. Press the submit button to ensure the order has been received by the pantry

4. After pickup, the database will be updated with the latest stock will show in the inventory table

Extensions:

- Cancel: Inventory item will not be entered

API Student Order Form

```
{
  "StudentID": "12345",
  "Password": "password"
}
=>
{
Pick 2 food items from each group (we do not know what she wants specifically)
  "foodname": "Apple",
  "count": "2",
  "foodgroup": "Fruit",
  "foodname": "Bread"
  "count": "1",
  "foodname": "Milk",
  "count": "1",
  "foodgroup": "Bread"
}
=>
{
  "success": true,
  "message": "Item has been entered into system and will be ready to pick up at 6:00 pm."
}
```