Use Case: *Create a Request*

Primary Actor: Pantry Representative

Goal in Context: To create a request for the representative's pantry, specifying what type of request it is, the requested items, and other information to food donors.

Preconditions: The pantry representative must already have an account, be logged into the application, and be waiting on the home page.

Trigger: A food pantry needs more of a specific item, or would like to request that an item *not* be donated.

Scenario:

1. The representative clicks on the 'Manage Pantry' link available on the navigation bar.
2. The representative is presented with a list of their requests they have already made, as well as a button for creating a new request.
3. The representative clicks on the 'Make Request' button.
4. The representative is taken to a new page with a blank form for a new request.
5. The representative fills out all required fields in the form and clicks 'Submit'.
6. The request is stored in the database and the representative is given a preview of how the request will look for other users of the site.

Exceptions:

1. The representative does not fill out a required field: The form will not allow them to submit until they add the missing information. An alert may prompt the user of this.

Priority: Essential, must be implemented

When Available: First increment with functionality

Frequency of Use: Likely the most frequent action for pantry representatives

Channel to Actor: Via internet web browser

Secondary Actors: None

Channels to Secondary Actors:

N/A

Open Issues:

1. Which fields should be required when making a new request? How will the request look different if some fields are not filled out?
2. Should duplicate request titles be permitted within a food pantry?

Use Case: *Update a Request*

Primary Actor: Pantry Representative

Goal in Context: To change the aspects of a request that has already been created without needing to create an entirely new request.

Preconditions: The pantry representative must already have an account, be logged into the application, and be waiting on the home page.

Trigger: A representative realizes that some part of their request was not made correctly, or conditions have changed and require a request to be changed.

Scenario:

1. The representative clicks the 'Manage Pantry' link available on the navigation bar.
2. The representative is shown a table with basic information for each of their requests; each row of the table represents a single request.
3. The representative identifies the request that they would like to edit, and clicks its associated 'Show' button to see the full details of the request.
4. From this screen, the representative has the option of editing the request by clicking the 'Edit' button.
5. A form is displayed on the screen. The representative makes the necessary changes and clicks 'Submit' to save these changes.

Exceptions:

1. The representative does not have any requests: They are given a message instead of a table.
2. The representative deletes a required request field: They will be unable to submit the form until it is filled, as indicated by a prompt on screen.

Priority: Important, should be implemented

When Available: First increment with functionality

Frequency of Use: Rarely, when something about a request changes

Channel to Actor: Via internet web browser

Secondary Actors: None

Channels to Secondary Actors:

N/A

Open Issues:

1. Should the user be able to edit a request from the table, *without* having to click on it?

Use Case: *Close a Request*

Primary Actor: Pantry Representative

Goal in Context: To delete a request associated with the pantry, removing it from the site and disallowing other viewers from seeing it.

Preconditions: The pantry representative must already have an account, be logged into the application, and be waiting on the home page.

Trigger: A request has either been fulfilled in full, or is deemed invalid and needs to be removed from the site to reflect the change.

Scenario:

1. The representative clicks on the 'Manage Pantry' link available on the navigation bar.
2. The representative is shown a table with basic information for each of their requests; each row of the table represents a single request.
3. The representative identifies the request that they would like to close, and clicks its associated 'Delete / Close' button to remove its association from the pantry.
4. The representative must indicate that they are sure that they want to delete the request.
5. The representative is redirected to the page showing the table of all requests.

Exceptions:

1. The representative answers 'No' when asked to confirm the deletion: The request is not deleted, and the representative is taken back to the table showing all requests.
2. The representative does not have any requests: They are given a message instead of a table.

Priority: Essential, must be implemented

When Available: First increment with working functionality

Frequency of Use: Frequently, when requests are fulfilled

Channel to Actor: Via internet web browser

Secondary Actors: None

Channels to Secondary Actors:

N/A

Open Issues:

1. Should the option to close a request also be available from the full view of the request as opposed to just the preview in the table?
2. Should there be a way to mass-delete requests through a set of checkboxes?

Use Case: *View Requests with Filters / Search*

Primary Actor: Food Donor

Goal in Context: To search through / filter all of the requests in the database in order to identify the best pantry for donation.

Preconditions: The food donor must be at the home screen of the site.

Trigger: A food donor decides that they would like to donate to a food pantry. They want to identify the best choice based on what they have to donate and what the different pantries need.

Scenario:

1. The donor clicks on the 'View Requests' link available on the navigation bar.
2. The donor is shown a table with *all* requests in the database, as well as a control panel to the right side of the screen. The donor may choose to manually look through the table, or pick from the filters / search options available.
3. If the user wants to search / filter, they enter one or more of the following: (a) the name of the pantry via text box, (b) the type of item requested via checkbox, or (c) the type of request via checkbox (positive or negative request).
4. The donor clicks 'Submit,' and the table of requests is altered to match their preferences.
5. The user can then click on the 'Show' button associated with a request to see it in full.

Exceptions:

1. The search entry / filters specified yield no results: A message should be displayed indicating that a broader search may be required for actual results.

Priority: Essential, must be implemented

When Available: Second increment with functionality

Frequency of Use: Extremely frequently

Channel to Actor: Via internet web browser

Secondary Actors: None

Channels to Secondary Actors:

N/A

Open Issues:

1. How many results should be shown on a single page? Should this be modifiable by the food donor as well?