Revision History

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| --- | --- | --- | --- |
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| 24/10/2021 | 1.0 | First Vision | Chris Humphrey, Faysal Bulbul, Matthew Roth, Logan Coleman, Hannah Sadikovic |
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|  |  |  |  |

Use Case Specification: <Submit Application>

# Use-Case Name

Submit Volunteer Application

## Brief Description

This use case shows how a student can sign up to volunteer

# Flow of Events

## Basic Flow

* Student navigates website
* Student logs in
* Student clicks volunteer
* Student chooses form
* Student fills form
* Student chooses submit

## Alternative Flows

There are no alternative flows for this use case

# Special Requirements

## < First Special Requirement >

A volunteer must have an account at the University of Louisville.

# Pre-conditions

## < Pre-condition One >

A student must be logged in

# Post-conditions

## < Post-condition One >

A Student will be able to volunteer at the Cardinal Cupboard.

# Extension Points

There are no extension points for this use case.

Use Case Specification: <Login Student>

# Use-Case Name

Login Student

## Brief Description

This use case shows how a student will login to the Cardinal Cupboard website.

# Flow of Events

## Basic Flow

* Student navigates website
* Student chooses Login
* Student enters username
* Student enters password
* Student enters email
* Student logs in

## Alternative Flows

None

# Special Requirements

There are no special requirements associated with this use case

# Pre-conditions

## < Pre-condition One >

A student must have a U-link account.

# Post-conditions

## < Post-condition One >

A student can access resources such as volunteering and donating

# Extension Points

There are no extension points associated with this use case

Use Case Specification: Log Hours of Service

# Use-Case Name

Log Hours of Service

## Brief Description

The role of this use case is how volunteers will track how many hours they have volunteered at Cardinal Cupboard

# Flow of Events

## Basic Flow

* User clicks scheduling on volunteer page
* User clicks add hours
* User inputs hours

## Alternative Flows

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

* User is logged in

# Post-conditions

* Total hours volunteered is updated for specific user

# Extension Points

N/A

Use Case Specification: Calculate Values

# Use-Case Name

Calculate Values

## Brief Description

The role of this use case is for employees to calculate the total amount of donations to Cardinal Cupboard

# Flow of Events

## Basic Flow

* User clicks finances
* User clicks total amount

## Alternative Flows

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User is logged in as an employee

# Post-conditions

Total amount of money donated is calculated

# Extension Points

N/A

Use Case Specification: <View Recipe>

# Use-Case Name

## Brief Description

This use case describes how the user will view recommended recipes submitted by users on Cardinal Cupboard’s website. The user “chooses” a recipe to view it. The user is a staff member who must be logged in to access the recipes and can then filter out the recipes to search for a certain recipe.

# Flow of Events

## Basic Flow

* User navigates website
* User chooses “Recipes”
* User logs in
* User chooses recipe
* User reads recipe

## Alternative Flows

### < First Alternative Flow >

If the user wishes to filter the recipes to view a certain one, an alternative flow may be:

* User filters recipes
* User chooses recipe
* User reads recipe

# Special Requirements

## < First Special Requirement >

The system should allow for a LIFO (last-in-first-out) order of recipes to be listed for the user to view as the most recent recipes submitted relate to the current inventory the pantry is stocked with.

## < Second Special Requirement >

The system should filter out and highlight the recipes that have not been viewed yet.

# Pre-conditions

## < Pre-condition One >

There must be at least one submitted recipe in order for a user to view it.

# Post-conditions

## < Post-condition One >

The system will filter out the already viewed recipes and highlight the currently unviewed recipes.

# Extension Points

None

Use Case Specification: <Add Recipe>

# Use-Case Name

## Brief Description

This use case describes the action that a staff member would take to choose a recipe from the submitted forms for recommended recipes and add the recipe to a list of saved recipes.

# Flow of Events

## Basic Flow

* User navigates website
* User logs in
* User views inventory
* User views recipes
* User chooses recipe
* User adds recipe

## Alternative Flows

### < First Alternative Flow >

The user can either save the recipe to a file of saved recipes that can then be modified or deleted, or they can directly add the recipe to the final list of recipes viewable by any user. The basic flow allows the user to do the latter. The alternative flow may be:

* User chooses recipe
* User saves recipe

#### < An Alternative Subflow >

From the previous alternative flow, the user can take the following steps in any order:

* User adds recipe
* User edits recipe
* User edits recipe
* User adds comment

# Special Requirements

## < First Special Requirement >

The recipes that are added to a saved list must be filtered in a LIFO (last-in-first-out) order so that users viewing the list can see recipes more relevant to current food items stocked by the pantry.

# Pre-conditions

## < Pre-condition One >

A recipe must have been created. The user must have already viewed and chosen a specific recipe to add.

# Post-conditions

## < Post-condition One >

The recipes added by the user are saved to a list of “acceptable recipes” that can be viewed by any user on the website.

# Extension Points

None

Use Case Specification: <Modify Recipe>

# Use-Case Name

## Brief Description

This use case describes the action a user would take to modify a saved recipe before adding it to the final list available to all users. Modifying the recipe includes changing, deleting, or adding certain elements of the recipe.

# Flow of Events

## Basic Flow

* User views recipe
* User chooses recipe
* User saves recipe
* User navigates “saved recipes”
* User edits recipe
* User saves recipe

## Alternative Flows

### < First Alternative Flow >

An alternative flow may be:

* User navigates “saved recipes”
* User adds comment
* User saves recipe

# Special Requirements

None

# Pre-conditions

## < Pre-condition One >

The user must already have saved a recipe for later to be able to modify it.

# Post-conditions

## < Post-condition One >

After modifying the recipe, the system allows the user to either further modify the recipe, save the recipe for later use, or add the recipe to the final list of recipes available to all users.

# Extension Points

None

Use Case Specification: <Delete Recipe>

# Use-Case Name

## Brief Description

This use case describes how a user would delete a recommended recipe from the list of submitted recipes.

# Flow of Events

## Basic Flow

* User views recipe
* User deletes recipe

## Alternative Flows

None

# Special Requirements

None

# Pre-conditions

## < Pre-condition One >

There must be a submitted recipe available for the User to delete.

# Post-conditions

## < Post-condition One >

The recipe will be permanently deleted from the website.

# Extension Points

None

Use Case Specification: <Submit Application>

# Use-Case Name

Submit Volunteer Application

## Brief Description

This use case shows how a student can sign up to volunteer

# Flow of Events

## Basic Flow

* Student navigates website
* Student logs in
* Student clicks volunteer
* Student chooses form
* Student fills form
* Student chooses submit

## Alternative Flows

There are no alternative flows for this use case

# Special Requirements

## < First Special Requirement >

A volunteer must have an account at the University of Louisville.

# Pre-conditions

## < Pre-condition One >

A student must be logged in

# Post-conditions

## < Post-condition One >

A Student will be able to volunteer at the Cardinal Cupboard.

# Extension Points

There are no extension points for this use case.

Use Case Specification: <View Application>

# Use-Case Name

## Brief Description

This use case describes how a user would view a submitted volunteer application. The actor is a staff member.

# Flow of Events

## Basic Flow

* User navigates website
* User logs in
* User chooses “Applications”
* User views an application

## Alternative Flows

None

# Special Requirements

**< First Special Requirement >**

The application must be submitted as a file that can be opened up as a word document or pdf.

# Pre-conditions

## < Pre-condition One >

There must be at least one application available for the user to view.

# Post-conditions

## < Post-condition One >

After viewing, the applications are ready to be added to an accepted list, modified, or deleted to a rejected list.

# Extension Points

None

Use Case Specification: <Add Application>

# Use-Case Name

## Brief Description

This use case describes how a user would add a volunteer application to a list of accepted applications.

# Flow of Events

## Basic Flow

* User views application
* User chooses application
* User adds application

## Alternative Flows

### < First Alternative Flow >

There might be some applications that the user wishes to add to the list, but at a different time, or possibly review with other staff members before adding. The steps taken after step 2 would be:

* User saves Recipe
* User navigates “Saved Recipes”

#### < An Alternative Subflow >

From the previous steps, the user can take the following steps in any order:

* User adds recipe
* User modifies recipe
* User deletes recipe
* User adds comment

# Special Requirements

## < First Special Requirement >

The applications mut be forms when submitted.

# Pre-conditions

## < Pre-condition One >

There must be applications already submitted for the use case to be performed.

# Post-conditions

## < Post-condition One >

The applications will be added to a list that can be modified and is only accessible by other volunteers.

# Extension Points

None

Use Case Specification: <Modify Application>

# Use-Case Name

## Brief Description

This use case describes how a user would modify a volunteer application. Modifying an application would be necessary if the user wishes to edit a feature or aspect of the application before adding the application to a list of accepted applications or deleting the application to a list of deleted applications. The actor would be a staff member.

# Flow of Events

## Basic Flow

* User chooses application
* User modifies application

## Alternative Flows

### < First Alternative Flow >

The user may also add a comment as an alternative step.

# Special Requirements

None

# Pre-conditions

## < Pre-condition One >

The user must be able to view at least one application in order to modify it.

# Post-conditions

## < Post-condition One >

After modifying the application, the user is able to either add or delete the application.

# Extension Points

None

Use Case Specification: <Delete Application>

# Use-Case Name

## Brief Description

This use case describes how a user would delete a volunteer application from the submitted applications files. When an application is deleted, it is moved to a “rejected applications” place. The actor is a staff member.

# Flow of Events

## Basic Flow

* User chooses “Applications”
* User views an application
* User deletes application

## Alternative Flows

None

# Special Requirements

## < First Special Requirement >

When an application is deleted, it is not permanently deleted, and is rather moved to a “rejected applications” section of the website accessible only by staff members.

# Pre-conditions

## < Pre-condition One >

There must be submitted applications available for the user to access.

# Post-conditions

## < Post-condition One >

The application will be moved to the “rejected applications” section of the website.

# Extension Points

None

Use Case Specification: <Contact Cardinal Cupboard>

# Use-Case Name

## Brief Description

The role of this use case is to enable a user of the website to contact Cardinal Cupboard directly via email or telephone. The purpose of this use case is that every business should have a way for customers to get into contact with them. Another purpose is to allow users the ability to get their questions answered. By allowing users a way to contact them, Cardinal Cupboard will create an environment that is conducive to high user satisfaction.

# Flow of Events

## Basic Flow

* User clicks website
* User scrolls down
* User clicks contact us
* User chooses method of contact
* User sends information
* Use case ends

## Alternative Flows

None

# Special Requirements

None

# Pre-conditions

## < Pre-condition One >

Cardinal Cupboard must have a method of contact.

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points

None

Use Case Specification: <Access Grab & Go>

# Use-Case Name

## Brief Description

The role of this use case is to enable a visitor of the website to be able to access the grab and go function. The purpose is so that visitors have a way of quickly building a grab bag in order to get food.

# Flow of Events

## Basic Flow

* The user will click access grab and go
* The user will fill out a form
* The data is collected and processed
* Use case ends

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## The website must be operational.

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## The website must be operational

**4.2 The user must have valid credentials**

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points

An extension point details how a use case can be combined with another, and extended.

## <Name of Extension Point>

Use Case Specification: <View History>

# Use-Case Name

## Brief Description

The role of this use case is to allow visitors of the Cardinal Cupboard website a way to view the history of the organization. The purpose of this use case is to help inform visitors. Users of the website will want to know the history behind the organization they are about to get help from. By displaying the history, Cardinal Cupboard will be creating more informed users, and in the process attract more people.

# Flow of Events

## Basic Flow

* User clicks on website
* User clicks view history
* User views history
* Use case ends

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## < First Special Requirement >

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## Cardinal Cupboard must have a history page

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points

## <Name of Extension Point>

Use Case Specification: <View Mission Statement>

# Use-Case Name

## Brief Description

The role of this use case is so that visitors to the website can view the mission statement of Cardinal Cupboard. The purpose of this use case is that the mission statement is an extremely important part of any organization. Without one, prospective “customers” will have no idea what the business stands for. By including a mission statement, Cardinal Cupboard can appeal to more people.

# Flow of Events

## Basic Flow

* User clicks website
* User clicks Mission Statement
* User views social media
* Use case ends

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## < First Special Requirement >

None

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## Cardinal Cupboard must have a mission statement

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points

## <Name of Extension Point>

Use Case Specification: <View Additional Information>

# Use-Case Name

## Brief Description

The role of this use case is to ensure that visitors of the website can view additional information if they need it. The purpose of this use case is to help guide visitors to more resources, and to get them help if they need it. Every website has something similar to this. By allowing users access to more information, Cardinal Cupboard will make its audience more informed.

# Flow of Events

## Basic Flow

* User clicks onto website
* User views homepage
* User clicks view additional information
* Use case ends

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## < First Special Requirement >

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## Cardinal Cupboard must have a view additional information page

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points

An extension point details how a use case can be combined with another, and extended.

## <Name of Extension Point>

Use Case Specification: <View Dynamic Updates>

# Use-Case Name

## Brief Description

The role of this use case is to allow users to view the dynamically updating content across the many pages of the Cardinal Cupboard website. The purpose of this use case is that dynamically updating content will allow users to immediately know information with just a glance. In addition, it is a great way for Cardinal Cupboard to show off the progress they have made with helping students. By including dynamically updating content, Cardinal Cupboard will have a more satisfying website.

# Flow of Events

## Basic Flow

* User clicks onto website
* User views homepage
* User scrolls down
* User sees the dynamically updated data
* Use case ends

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## The code used to calculate the values must be operational

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## Cardinal Cupboard must have data available to be displayed

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points

An extension point details how a use case can be combined with another, and extended.

## <Name of Extension Point>

Use Case Specification: <View Dynamic Calendar>

## Brief Description

This use case shows how a user will view the dynamic calendar of the Cupboard.

# Flow of Events

## Basic Flow

* Student navigates website
* Student Logs in
* Student chooses resources
* Student chooses calendar

**2.2 Alternative Flows**

There are no alternative flows associated with this use case

# Special Requirements

There are no special requirements associated with this use case

## < First Special Requirement >

# Pre-conditions

A Student must be logged on to the Cardinal Cupboard website

## < Pre-condition One >

# Post-conditions

A student view important dates for events and availability of the Cupboard.

## < Post-condition One >

# Extension Points

There are no extension points associated with this use case.

Use Case Specification: View Events

# Use-Case Name

View Events

## Brief Description

The role of this use case is to show how guests can view what kind of events Cardinal Cupboard is participating in.

# Flow of Events

## Basic Flow

* User will hit service

## Alternative Flows

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User must be at the landing page

# Post-conditions

User can view events that Cardinal Cupboard is taking part in.

# Extension Points

N/A

Use Case Specification: Add Events

# Use-Case Name

Add Events

## Brief Description

The role of this use case is to show how employees can add the events Cardinal Cupboard is participating in.

# Flow of Events

## Basic Flow

* User will click dynamic calendar
* User will click add event
* User adds event details
* User clicks finish

## Alternative Flows

* User modifies event
* User deletes events

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User is logged in as an employee

# Post-conditions

New event is added to the dynamic calendar.

# Extension Points

N/A

Use Case Specification: Modify Events

# Use-Case Name

Modify Events

## Brief Description

The role of this use case is to show how Employees can modify created events on the dynamic calendar to Cardinal Cupboard.

# Flow of Events

## Basic Flow

* User clicks on dynamic calendar
* User clicks on an event
* User clicks modify event

## Alternative Flows

User adds an event

User deletes an event

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User must be logged into the system as an employee.

User at the main volunteer page.

# Post-conditions

Event is modified to the new information

# Extension Points

N/A

Use Case Specification: Delete Events

# Use-Case Name

Delete Events

## Brief Description

The role of this use case is to show how Employees can delete events created on the Cardinal Cupboard Dynamic Calendar

# Flow of Events

## Basic Flow

* User clicks on dynamic calendar
* User clicks on event
* User clicks delete event

## Alternative Flows

User adds an event

User modifies an event

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User must be logged into the system as an employee.

User at the main volunteer page.

# Post-conditions

Event is deleted off the dynamic calendar.

# Extension Points

N/A

Use Case Specification: <View Inventory>

# Use-Case Name

View inventory

## Brief Description

This use case describes how a staff member will view the inventory

# Flow of Events

## Basic Flow

* + Staff navigates website
  + Staff logs in
  + Staff chooses inventory

## Alternative Flows

There are no alternative flows for this use case

# Special Requirements

There are no special requirements for this use case

# Pre-conditions

Must be a staff member

## < Pre-condition One >

# Post-conditions

Staff can view the inventory. Staff can see what things they have and also things which are needed for the Cupboard.

## < Post-condition One >

# Extension Points

There are no extension points for this use case

Use Case Specification: <View Itemized List>

## Brief Description

This use case will describe how a user will view the itemized list on the Cardinal Cupboard website.

# Flow of Events

## Basic Flow

* + User navigates website
  + User chooses resources
  + User chooses itemized list
  + User views itemized list

## Alternative Flows

There are no alternative flows for this use case

# Special Requirements

There are no special requirements for this use case

# Pre-conditions

## < Pre-condition One >

A User must be logged in to website

# Post-conditions

## < Post-condition One >

A user can view the itemized list and see what the Cupboard currently has in stock, what they need most of, and what they need least of to allow users to donate the most appropriate items at the most appropriate time.

# Extension Points

None

Use Case Specification: <View Donations>

# Use-Case Name

View Types on Donations

## Brief Description

This use case describes how a user would find and view the different types of donations.

# Flow of Events

## Basic Flow

User logs on.

User selects the donation tab.

User browses the page.

## Alternative Flows

### < First Alternative Flow >

User logs on.

User selects the donate button.

User selects “Other Ways to Donate”

# Special Requirements

## < First Special Requirement >

One of the ways to donate is Amazon Wishlist, if the user selects it, they will need an Amazon account to purchase anything.

# Pre-conditions

## < Pre-condition One >

User signs on.

# Post-conditions

## < Post-condition One >

Users may choose to follow through with a donation or not.

# Extension Points

N/A

Use Case Specification: <View Donation Emphasis>

# Use-Case Name

View Donation Emphasis

## Brief Description

This use case describes how a user would find and view the donation emphasis.

# Flow of Events

## Basic Flow

User signs on.

User scrolls down.

## Alternative Flows

### < First Alternative Flow >

User signs on.

User clicks to search.

User keys “Donation Emphasis”

User presses enter.

# Special Requirements

N/A

# Pre-conditions

## < Pre-condition One >

User signs on.

# Post-conditions

N/A

# Extension Points

N/A

Use Case Specification: <View Sustainability Emphasis>

# Use-Case Name

View Sustainability Emphasis

## Brief Description

This use case describes how a user would find and view the Sustainability Emphasis.

# Flow of Events

## Basic Flow

User signs on.

User scrolls down.

## Alternative Flows

### < First Alternative Flow >

User signs on.

User clicks to search.

User keys “Days of Operation”

User presses enter.

# Special Requirements

N/A

# Pre-conditions

## < Pre-condition One >

User signs on.

# Post-conditions

N/A

Extension Points

N/A

Use Case Specification: <View Days of Operation>

# Use-Case Name

View Days of Operation

## Brief Description

This use case describes how a user would find and view Cardinal Cupboard’s days of operation.

# Flow of Events

## Basic Flow

User signs on.

User scrolls down.

## Alternative Flows

### < First Alternative Flow >

User signs on.

User clicks to search.

User keys “Days of Operation”

User presses enter.

# Special Requirements

N/A

# Pre-conditions

## < Pre-condition One >

User signs on.

# Post-conditions

N/A

# Extension Points

N/A

Use Case Specification: Find Info on Drop Box

# Use-Case Name

Find Info on Drop Box

## Brief Description

The role of this use case is to show how guests can learn how the Drop Box works at Cardinal Cupboard

# Flow of Events

## Basic Flow

* User clicks resources

## Alternative Flows

* User clicks home
* User clicks about
* User clicks donate
* User clicks services

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User must be at the main landing page or any of the sub pages of it.

# Post-conditions

# Extension Points

N/A

Use Case Specification: <Donate with Amazon Wishlist>

# Use-Case Name

Donate with Amazon Wishlist

## Brief Description

The user will have options of different ways to donate. For this use case, it allows the user to donate using Amazon Wishlist, as opposed to monetary donation or donating supplies in person.

# Flow of Events

## Basic Flow

User signs on as guest.

User navigates to donate page.

User clicks on Amazon Wishlist link.

# Special Requirements

## < First Special Requirement >

The user will have to have an Amazon account in order to purchase an item off the Wishlist. However, they do not need one just to view the Wishlist.

# Pre-conditions

## < Pre-condition One >

The user logs onto the system.

The Amazon Wishlist has items for the user to look through and potential purchase.

# Post-conditions

## < Post-condition One >

As a post condition, the user will look at the Amazon Wishlist and choose whether to buy something or not.

# Extension Points

N/A

Use Case Specification: <Make a Monetary Donation>

# Use-Case Name

Make a monetary donation

## Brief Description

This use case communicates how a user would make a monetary donation.

# Flow of Events

## Basic Flow

User logs on as guest.

User selects the donate button.

## Alternative Flows

### < First Alternative Flow >

User logs on as guest.

User selects the donation page.

User selects monetary donation link.

# Special Requirements

## N/A

# Pre-conditions

## < Pre-condition One >

User logs onto the system.

# Post-conditions

## < Post-condition One >

User is taken to the payment system page and may choose to donate or not.

# Extension Points

N/A

Use Case Specification: Load Site

# Use-Case Name

Load Site

## Brief Description

The role of this use case is to show how guests can load the main Cardinal Cupboard site.

# Flow of Events

## Basic Flow

* User clicks on webpage link

## Alternative Flows

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

# Pre-conditions

User searches for Cardinal Cupboard on Google.

# Post-conditions

User is directed to main landing page

# Extension Points

N/A

Use Case Specification: <Search Website>

# Use-Case Name

Search the website.

## Brief Description

This use case breaks down how the user may search the website.

# Flow of Events

## Basic Flow

User signs on.

User selects the search bar.

User keys in their inquiry.

User presses enter.

## Alternative Flows

N/A

# Special Requirements

## < First Special Requirement >

The user can search the website at any point when on the website, they do not have to be on the home page.

# Pre-conditions

## < Pre-condition One >

User signs on.

# Post-conditions

## < Post-condition One >

The user should be on a results page with the top search results listed.

# Extension Points

N/A

Use Case Specification: <Communicate Dropoff>

# Use-Case Name

Communicate Dropoff

## Brief Description

This use case describes how a user can communicate with the Cardinal Cupboard to drop off food items

# Flow of Events

## Basic Flow

* User navigates website
* User logs in
* User chooses “Drop off”
* User chooses form
* User fills form
* User chooses submit

## Alternative Flows

### < First Alternative Flow >

* + User navigates website
  + User logs in
  + User chooses drop-off
  + User chooses contact
  + User chooses call
  + User Calls Cupboard

#### < An Alternative Sub flow >

* In step 4, of the basic flow, a user can add notes about where and when they are dropping off the item/items.

### < Second Alternative Flow >

None

# Special Requirements

## < First Special Requirement >

A staff member must be checking forms constantly and marking down when and where users are dropping off items.

# Pre-conditions

## < Pre-condition One >

A user must have food ready to be picked up

# Post-conditions

## < Post-condition One >

A user will know what days and time they can drop off items.

# Extension Points

None

Use Case Specification: <Communicate RSO's>

# Use-Case Name

Communicate RSO

## Brief Description

This use case shows how a user will get in touch with an RSO.

# Flow of Events

## Basic Flow

* User navigates website
* User logs in
* User checks calendar
* User chooses event
* User contacts event

**2.2 Alternative flows**

None

# Special Requirements

None

# Pre-conditions

## < Pre-condition One >

A User must have already contacted an RSO and be logged in to the Cardinal Cupboard website.

# Post-conditions

## < Post-condition One >

A user will have more information on how to

# Extension Points

None

Use Case Specification: <Subscribe Mailing List>

# Use-Case Name

Subscribe Mailing List

## Brief Description

This use case describes how a person subscribes to the Cardinal Cupboards mailing list.

# Flow of Events

## Basic Flow

* Student navigates website
* Student Logs in
* Student chooses resources
* Student chooses mailing list
* Student chooses subscribe

## Alternative Flows

There are no alternative flows for this use case

# Special Requirements

## < First Special Requirement >

There are no special requirements associated with this use case

# Pre-conditions

## < Pre-condition One >

A student must be logged in

# Post-conditions

## < Post-condition One >

A student will be subscribed to the mailing list and receive updates regarding the cupboard.

# Extension Points

There are no extension points associated with this use case

Use Case Specification: <Backup System>

# Use-Case Name

## Brief Description

The role of this use case is to securely backup the system in case of a failure. The purpose of this use case is to ensure that a reliable backup of the system is always available in the event of an emergency. By securely backing of the system often, Cardinal Cupboard will have the security that is expected by modern website users. Modern users also don’t like downtime, and by making secure backups, there will be little to not downtime.

# Flow of Events

## Basic Flow

* The admin logs into the system using their credentials.
* The admin starts the backup process
* The website data is backed up
* Use case ends.

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## The website must be operational

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## The admin must have valid credentials

**4.2 The website must be operational**

**4.3 The program used for backup must be operational**

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## The system backup is ready in the event of an emergency

# Extension Points

An extension point details how a use case can be combined with another, and extended.

## Recover System

Use Case Specification: <Recover System>

# Use-Case Name

## Brief Description

This use case details how an administrator will recover the system using a backup. This will allow the system to safely recover in the event of a failure.

# Flow of Events

## Basic Flow

* Administrator logs in
* Administrator chooses a backup
* Administrator recovers the system
* Use case ends

## Alternative Flows

### < First Alternative Flow >

#### < An Alternative Subflow >

### < Second Alternative Flow >

# Special Requirements

Special requirements are an event necessary for the event flow, but not usually specified in the event flow.

## The system must have a backup to recover

# Pre-conditions

Preconditions are the previous state of the system that must be present for the use case to be operational.

## The system must have a backup to recover

# Post-conditions

A Postcondition is the state of the system right after the use case is performed.

## < Post-condition One >

# Extension Points An extension point details how a use case can be combined with another, and extended.

## Backup System

Use Case Diagrams

![Diagram

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![Diagram

Description automatically generated]()

![Diagram

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Diagram

Description automatically generated

Prototypes

*Landing Page*

Table

Description automatically generated

*About Us Page*

Table

Description automatically generated

*Donation Page*

Text

Description automatically generated

*Login Page for Non-Members*

*(Located under the Services tab)*

Table

Description automatically generated

*Member Login Page*

A picture containing table

Description automatically generated

*Staff & Volunteer Page*

![Graphical user interface, application

Description automatically generated]()

*Volunteer Applications Page*

![Table

Description automatically generated]()