

The Thompson Project	Version: 1.0
Use Case Specification: Create Art Supply Donation	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Create Art Supply Donation

## 1. Create Art Supply Donation

### 1.1 Brief Description

This use case will allow the system administrator to add physical donations of art supplies to the system's database. Entry includes "Art Supplies" as the donation type, the name of the item donated, and numerical quantity donated.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the drop-down list labeled "Type of Physical Donation".
- System Administrator selects "Art Supplies" in the drop-down list.
- System Administrator types the name of the item donated into the "Item Donated" field.
- System Administrator types the numerical quantity into the "Quantity Donated" field.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to create physical donations.

## 4. Post-conditions

4.1 Art Supply Donation is added to the system database.

The Thompson Project	Version: 1.0
Use Case Specification: Edit Art Supply Donation	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Edit Art Supply Donation

## 1. Edit Art Supply Donation

### 1.1 Brief Description

This use case will allow the system administrator to adjust the numerical quantity of art supplies recorded in the system's database. Once "Art Supplies" is chosen as the donation type, the user searches for the item and changes the numerical quantity.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the drop-down list labeled "Type of Physical Donation".
- System Administrator selects "Art Supplies" in the drop-down list.
- System Administrator types the name of the donated item into the "Search Item" field.
- System Administrator clicks the button labeled "Search".
- System Administrator changes numerical quantity to the correct number on the "Quantity" spinner.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to manage physical donations.

## 4. Post-conditions

4.1 Numerical Quantity attribute is changed for Art Supply item record.

The Thompson Project	Version: 1.0
Use Case Specification: Delete Art Supply Donation	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Delete Art Supply Donation

## 1. Delete Art Supply Donation

### 1.1 Brief Description

This use case will allow the system administrator to adjust the numerical quantity of art supplies recorded in the system's database to zero (0). Changing a quantity to zero denotes that the organization no longer owns the donation. Once "Art Supplies" is chosen as the donation type, the user searches for the item and changes the numerical quantity to zero.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the drop-down list labeled "Type of Physical Donation".
- System Administrator selects "Art Supplies" in the drop-down list.
- System Administrator types the name of the donated item into the "Search Item" field.
- System Administrator clicks the button labeled "Search".
- System Administrator changes numerical quantity to the number zero (0) on the "Quantity" spinner.
- System Administrator clicks the button labeled "Submit".
- System Administrator clicks the button labeled "OK" on the dialog window.
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to manage physical donations.

## 4. Post-conditions

4.1 Numerical Quantity attribute is changed to zero for Art Supply item record.

The Thompson Project	Version: 1.0
Use Case Specification: Create Educational Material Donation	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Create Educational Material Donation

## 1. Create Educational Material Donation

### 1.1 Brief Description

This use case will allow the system administrator to add physical donations of books and other educational materials to the system's database. Entry includes "Educational Material" as the donation type, the name of the item donated, and numerical quantity donated.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the drop-down list labeled "Type of Physical Donation".
- System Administrator selects "Educational Material" in the drop-down list.
- System Administrator types the name of the item donated into the "Item Donated" field.
- System Administrator types the numerical quantity into the "Quantity Donated" field.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to create physical donations.

## 4. Post-conditions

4.1 Educational Material Donation is added to the system database.

The Thompson Project	Version: 1.0
Use Case Specification: Edit Educational Material Donation	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Edit Educational Material Donation

## 1. Edit Educational Material Donation

### 1.1 Brief Description

This use case will allow the system administrator to adjust the numerical quantity of books and other educational material recorded in the system's database. Once "Educational Material" is chosen as the donation type, the user searches for the item and changes the numerical quantity.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the drop-down list labeled "Type of Physical Donation".
- System Administrator selects "Educational Material" in the drop-down list.
- System Administrator types the name of the donated item into the "Search Item" field.
- System Administrator clicks the button labeled "Search".
- System Administrator changes numerical quantity to the correct number on the "Quantity" spinner.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to manage physical donations.

## 4. Post-conditions

4.1 Numerical Quantity attribute is changed for Educational Material item record.

The Thompson Project	Version: 1.0
Use Case Specification: Delete Educational Material Donation	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Delete Educational Material Donation

## 1. Delete Educational Material Donation

### 1.1 Brief Description

This use case will allow the system administrator to adjust the numerical quantity of educational material recorded in the system's database to zero (0). Changing a quantity to zero denotes that the organization no longer owns the donation. Once "Educational Material" is chosen as the donation type, the user searches for the item and changes the numerical quantity to zero.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the drop-down list labeled "Type of Physical Donation".
- System Administrator selects "Educational Material" in the drop-down list.
- System Administrator types the name of the donated item into the "Search Item" field.
- System Administrator clicks the button labeled "Search".
- System Administrator changes numerical quantity to the number zero (0) on the "Quantity" spinner.
- System Administrator clicks the button labeled "Submit".
- System Administrator clicks the button labeled "OK" on the dialog window.
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to manage physical donations.

## 4. Post-conditions

4.1 Numerical Quantity attribute is changed to zero for Educational Material item record.

The Thompson Project	Version: 1.0
Use Case Specification: Query Database	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Query Database

## 1. Query Database

### 1.1 Brief Description

This use case will allow the system administrator to perform queries against the system's database. There are two query options available: Simple Search and Advanced Query. Any table or attribute in the database can be queried via this use case.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator types the desired attribute into the "Simple Search" field.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

### 2.2 Alternative Flow

- System Administrator clicks on the drop-down list labeled "Attribute".
- System Administrator selects the desired attribute in the drop-down list.
- System Administrator clicks on the drop-down list labeled "Operator".
- System Administrator selects the desired operator in the drop-down list.
- System Administrator types the parameter into the "Parameter" field.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to query the database.

## 4. Post-conditions

4.1 The results of the query parameters will be displayed on the screen.

The Thompson Project	Version: 1.0
Use Case Specification: Submit Background Check on Volunteer	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Submit Background Check on Volunteer

## 1. Submit Background Check on Volunteer

### 1.1 Brief Description

This use case will allow the system administrator to begin a background check on prospective volunteers. The system will collect personal information provided by the volunteer during signup and send that information to a third-party vendor for performing background checks.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator selects the prospective volunteer.
- System Administrator clicks the button labeled “Submit to Background Check”.
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into the system.

3.2 System Administrator is on the system page to manage volunteers.

## 4. Post-conditions

4.1 The background check will be in-process for the prospective volunteer.



The Thompson Project	Version: 1.0
Use Case Specification: Log Into System	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Log Into System

## 1. Log Into System

### 1.1 Brief Description

This use case will allow the system administrator to log into the system. Logging into the system will allow the system administrator to complete tasks that are locked to administrator access only.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator enters username.
- System Administrator enters password.
- System Administrator submits.
- Use Case Ends.

## 3. Pre-conditions

- 3.1 System Administrator is on the system login page.

## 4. Post-conditions

- 4.1 System Administrator will be logged into the system.

The Thompson Project	Version: 1.0
Use Case Specification: Log Into Cloud Host	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Log Into Cloud Host

## 1. Log Into Cloud Host

### 1.1 Brief Description

This use case will allow the system administrator to log into Bluehost, the Cloud Hosting provider for the organization's website. Logging into the system will allow the system administrator to complete tasks that are locked to administrator access only.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator enters username.
- System Administrator enters password.
- System Administrator submits.
- Use Case Ends.

## 3. Pre-conditions

- 3.1 System Administrator is on the Bluehost (Cloud Hosting) login page.

## 4. Post-conditions

- 4.1 System Administrator will be logged into the cloud hosting platform Bluehost.

The Thompson Project	Version: 1.0
Use Case Specification: Upload Files to Cloud Host	Date: 03/24/2022
Squirrel Systems	

# Use Case Specification: Upload Files to Cloud Host

## 1. Upload Files to Cloud Host

### 1.1 Brief Description

This use case will allow the system administrator to upload files to Bluehost, the Cloud Hosting provider for the organization's website. Files can include website code, media files, and CMS installations among others.

## 2. Flow of Events

### 2.1 Basic Flow

- System Administrator clicks on the desired destination for files in Bluehost's file directory.
- System Administrator clicks on the button labeled "Upload".
- System Administrator selects files to upload from the device in the browser window.
- System Administrator clicks on the button labeled "Open" in the browser window.
- System Administrator clicks the button labeled "Submit".
- Use Case Ends.

## 3. Pre-conditions

3.1 System Administrator is logged into Bluehost, the Cloud Hosting provider.

3.2 System Administrator is on the Bluehost File Manager page.

## 4. Post-conditions

4.1 File is uploaded to Cloud Hosting provider Bluehost.