

Charity Management System Use Case Descriptions

Below are the detailed descriptions for each of the 40 use cases from the provided charity management system document. Each use case is presented in a table format with two columns (Attribute and Value) and six rows (Identifier and Name, Initiator, Goal, Precondition, Postcondition, Assumption).

Use Case 1: Manage Users

Attribute	Value
Identifier and Name	UC-01: Manage Users
Initiator	Administrator
Goal	To add, edit, or delete user accounts in the system.
Precondition	Administrator is logged in and has user management permissions.
Postcondition	User account is created, updated, or deleted in the system.
Assumption	The system has a user management module, and the administrator has valid credentials.

Use Case 2: Generate Reports

Attribute	Value
Identifier and Name	UC-02: Generate Reports
Initiator	Administrator
Goal	To create reports summarizing donations or events.

Precondition	Administrator is logged in, and relevant data (donations/events) exists in the system.
Postcondition	A report is generated and available for viewing or export.
Assumption	The system has a reporting module with access to donation and event data.

Use Case 3: Generate PDF Report

Attribute	Value
Identifier and Name	UC-03: Generate PDF Report
Initiator	Administrator
Goal	To export a report in PDF format.
Precondition	Administrator is logged in, and a report has been generated or selected.
Postcondition	A PDF file containing the report is created and available for download.
Assumption	The system supports PDF generation and has sufficient storage for file creation.

Use Case 4: Generate Excel Report

Attribute	Value
Identifier and Name	UC-04: Generate Excel Report
Initiator	Administrator
Goal	To export a report in Excel format.
Precondition	Administrator is logged in, and a report has been generated or selected.

Postcondition	An Excel file containing the report is created and available for download.
Assumption	The system supports Excel file generation and has sufficient storage for file creation.

Use Case 5: Schedule Reports

Attribute	Value
Identifier and Name	UC-05: Schedule Reports
Initiator	Administrator
Goal	To schedule automatic generation of reports at specified intervals.
Precondition	Administrator is logged in, and the report type and scheduling options are available.
Postcondition	A report generation schedule is created or updated in the system.
Assumption	The system has a scheduling module that supports automated report generation.

Use Case 6: Assign Volunteer Tasks

Attribute	Value
Identifier and Name	UC-06: Assign Volunteer Tasks
Initiator	Administrator
Goal	To assign tasks to volunteers for events or campaigns.
Precondition	Administrator is logged in, volunteers are registered, and tasks/events exist.
Postcondition	Tasks are assigned to volunteers and recorded in the system.

Assumption	The system has a task management module and volunteer data is up-to-date.
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Use Case 7: View System Logs

Attribute	Value
Identifier and Name	UC-07: View System Logs
Initiator	Administrator
Goal	To review system activities and logs for auditing or troubleshooting.
Precondition	Administrator is logged in and has access to system logs.
Postcondition	System logs are displayed to the administrator.
Assumption	The system maintains activity logs and provides an interface for viewing them.

Use Case 8: Manage Donations

Attribute	Value
Identifier and Name	UC-08: Manage Donations
Initiator	Administrator, Accountant
Goal	To oversee and verify donation records in the system.
Precondition	Initiator is logged in, and donation records exist in the system.
Postcondition	Donation records are updated, verified, or corrected as needed.
Assumption	The system has a donation management module with access to financial data.

Use Case 9: Track Donation

Attribute	Value
Identifier and Name	UC-09: Track Donation
Initiator	Donor, Administrator, Accountant
Goal	To check the status of a specific donation.
Precondition	Initiator is logged in (if applicable), and the donation exists in the system.
Postcondition	Donation status is displayed to the initiator.
Assumption	The system tracks donation statuses and provides a user interface for tracking.

Use Case 10: Refund Donation

Attribute	Value
Identifier and Name	UC-10: Refund Donation
Initiator	Administrator, Accountant
Goal	To process a refund for a donation.
Precondition	Initiator is logged in, and the donation is eligible for a refund.
Postcondition	The donation is refunded, and the transaction is updated in the system.
Assumption	The system supports refund processing and integrates with a payment gateway.

Use Case 11: View Donation History

Attribute	Value
Identifier and Name	UC-11: View Donation History

Initiator	Donor
Goal	To view a record of past donations made by the donor.
Precondition	Donor is logged in, and donation history exists in the system.
Postcondition	Donation history is displayed to the donor.
Assumption	The system maintains donor-specific donation records and provides access to them.

Use Case 12: Make Donation

Attribute	Value
Identifier and Name	UC-12: Make Donation
Initiator	Donor, Guest
Goal	To donate money to a campaign or cause.
Precondition	The donation interface is accessible, and campaigns are available.
Postcondition	Donation is recorded in the system, and payment is processed.
Assumption	The system integrates with a payment gateway and supports donations from guests.

Use Case 13: Make One-Time Donation

Attribute	Value
Identifier and Name	UC-13: Make One-Time Donation
Initiator	Donor, Guest
Goal	To make a single, non-recurring donation.
Precondition	The donation interface is accessible, and campaigns are available.
Postcondition	A one-time donation is recorded, and payment is processed.

Assumption	The system supports one-time donations and integrates with a payment gateway.
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Use Case 14: Make Recurring Donation

Attribute	Value
Identifier and Name	UC-14: Make Recurring Donation
Initiator	Donor
Goal	To set up a scheduled, recurring donation.
Precondition	Donor is logged in, and the donation interface supports recurring payments.
Postcondition	A recurring donation schedule is created, and the initial payment is processed.
Assumption	The system supports recurring payments and integrates with a payment gateway.

Use Case 15: Set Donation Schedule

Attribute	Value
Identifier and Name	UC-15: Set Donation Schedule
Initiator	Donor
Goal	To define the recurrence details for a donation (e.g., weekly, monthly).
Precondition	Donor is logged in, and a recurring donation is being set up.
Postcondition	Donation schedule is saved in the system.
Assumption	The system allows customization of donation schedules.

Use Case 16: Cancel Recurring Donation

Attribute	Value
Identifier and Name	UC-16: Cancel Recurring Donation
Initiator	Donor
Goal	To stop a scheduled recurring donation.
Precondition	Donor is logged in, and an active recurring donation exists.
Postcondition	The recurring donation is canceled, and no further payments are processed.
Assumption	The system allows donors to manage and cancel recurring donations.

Use Case 17: Select Donation Type

Attribute	Value
Identifier and Name	UC-17: Select Donation Type
Initiator	Donor
Goal	To choose a category or purpose for the donation.
Precondition	Donor is in the donation process, and donation types are available.
Postcondition	The selected donation type is recorded for the donation.
Assumption	The system provides predefined donation categories for selection.

Use Case 18: Enter Donation Amount

Attribute	Value
Identifier and Name	UC-18: Enter Donation Amount

Initiator	Donor
Goal	To specify the monetary value of the donation.
Precondition	Donor is in the donation process.
Postcondition	The donation amount is recorded for the donation.
Assumption	The system accepts valid currency inputs and enforces minimum/maximum limits if applicable.

Use Case 19: Send Donation Notifications

Attribute	Value
Identifier and Name	UC-19: Send Donation Notifications
Initiator	System
Goal	To send email confirmations or alerts about a donation.
Precondition	A donation is processed, and the donor's email is available.
Postcondition	A notification email is sent to the donor.
Assumption	The system is configured with an email service for sending notifications.

Use Case 20: Verify Payment

Attribute	Value
Identifier and Name	UC-20: Verify Payment
Initiator	System, Accountant
Goal	To validate the success of a donation payment.
Precondition	A payment has been initiated, and payment gateway data is available.
Postcondition	Payment status is updated as verified or failed in the system.

Assumption	The system integrates with a payment gateway for real-time verification.
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Use Case 21: Validate Transactions

Attribute	Value
Identifier and Name	UC-21: Validate Transactions
Initiator	Accountant
Goal	To cross-check transactions for accuracy and prevent errors.
Precondition	Accountant is logged in, and transaction records are available.
Postcondition	Transactions are validated, and any discrepancies are flagged.
Assumption	The system provides tools for transaction validation and reporting.

Use Case 22: Manage Recurring Donations

Attribute	Value
Identifier and Name	UC-22: Manage Recurring Donations
Initiator	Accountant
Goal	To oversee and update recurring donation plans.
Precondition	Accountant is logged in, and recurring donation records exist.
Postcondition	Recurring donation plans are updated (e.g., expired cards are replaced).
Assumption	The system allows accountants to manage recurring donation details.

Use Case 23: User Registration

Attribute	Value
Identifier and Name	UC-23: User Registration
Initiator	Donor, Volunteer, Guest
Goal	To create a new user account in the system.
Precondition	The registration interface is accessible, and the user provides valid data.
Postcondition	A new user account is created and stored in the system.
Assumption	The system supports user registration with validation for unique credentials.

Use Case 24: Display Registration Error

Attribute	Value
Identifier and Name	UC-24: Display Registration Error
Initiator	System
Goal	To show an error message when registration fails.
Precondition	A user attempts registration with invalid data.
Postcondition	An error message is displayed to the user.
Assumption	The system validates registration inputs and provides error feedback.

Use Case 25: Admin Approve User

Attribute	Value
Identifier and Name	UC-25: Admin Approve User
Initiator	Administrator
Goal	To approve a new user account after registration.

Precondition	Administrator is logged in, and a pending user account exists.
Postcondition	The user account is approved and activated in the system.
Assumption	The system has an approval workflow for new user accounts.

Use Case 26: User Login

Attribute	Value
Identifier and Name	UC-26: User Login
Initiator	Donor, Volunteer, Event Manager
Goal	To authenticate and access the system with user credentials.
Precondition	The user has a registered account and provides valid credentials.
Postcondition	The user is logged in and redirected to their dashboard.
Assumption	The system supports secure authentication and session management.

Use Case 27: Display Login Error

Attribute	Value
Identifier and Name	UC-27: Display Login Error
Initiator	System
Goal	To show an error message when login fails.
Precondition	A user attempts login with invalid credentials.
Postcondition	An error message is displayed to the user.
Assumption	The system validates login attempts and provides error feedback.

Use Case 28: Forgot Password

Attribute	Value
Identifier and Name	UC-28: Forgot Password
Initiator	Donor, Volunteer
Goal	To initiate password recovery for a user account.
Precondition	The user provides a registered email address.
Postcondition	A password reset link is sent to the user's email.
Assumption	The system is configured with an email service for password recovery.

Use Case 29: Update User Profile

Attribute	Value
Identifier and Name	UC-29: Update User Profile
Initiator	Donor, Volunteer
Goal	To edit personal information in the user's account.
Precondition	The user is logged in and has access to the profile editing interface.
Postcondition	The user's profile information is updated in the system.
Assumption	The system allows users to modify their profile data securely.

Use Case 30: Delete User Profile

Attribute	Value
Identifier and Name	UC-30: Delete User Profile
Initiator	Donor

Goal	To remove the user's personal account from the system.
Precondition	The user is logged in and confirms the deletion request.
Postcondition	The user's account is deleted, and associated data is removed or anonymized.
Assumption	The system supports account deletion and complies with data privacy regulations.

Use Case 31: View Campaigns

Attribute	Value
Identifier and Name	UC-31: View Campaigns
Initiator	Guest, Donor, Volunteer
Goal	To browse active campaigns in the system.
Precondition	The campaign interface is accessible, and active campaigns exist.
Postcondition	A list of active campaigns is displayed to the user.
Assumption	The system maintains a public or user-accessible campaign catalog.

Use Case 32: View Campaign Details

Attribute	Value
Identifier and Name	UC-32: View Campaign Details
Initiator	Guest, Donor
Goal	To view detailed information about a specific campaign.
Precondition	The user has selected a campaign, and details are available.
Postcondition	Detailed campaign information is displayed to the user.

Assumption	The system stores and provides comprehensive campaign details.
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Use Case 33: Filter Campaigns

Attribute	Value
Identifier and Name	UC-33: Filter Campaigns
Initiator	Guest, Donor
Goal	To search or filter campaigns based on criteria (e.g., category).
Precondition	The campaign interface is accessible, and filtering options are available.
Postcondition	A filtered list of campaigns is displayed to the user.
Assumption	The system supports campaign filtering by predefined criteria.

Use Case 34: Reset Campaign Filters

Attribute	Value
Identifier and Name	UC-34: Reset Campaign Filters
Initiator	Guest, Donor
Goal	To clear applied filters and view all campaigns.
Precondition	Filters have been applied in the campaign interface.
Postcondition	All filters are cleared, and the full campaign list is displayed.
Assumption	The system allows users to reset campaign filters easily.

Use Case 35: Donate to Campaign

Attribute	Value
Identifier and Name	UC-35: Donate to Campaign
Initiator	Donor
Goal	To donate money to a specific campaign.
Precondition	Donor is logged in, and the campaign is open for donations.
Postcondition	The donation is recorded for the campaign, and payment is processed.
Assumption	The system integrates with a payment gateway and tracks campaign-specific donations.

Use Case 36: Volunteer for Campaign/Event

Attribute	Value
Identifier and Name	UC-36: Volunteer for Campaign/Event
Initiator	Volunteer
Goal	To register as a volunteer for a campaign or event.
Precondition	Volunteer is logged in, and the campaign/event is open for volunteers.
Postcondition	The volunteer is registered for the campaign/event in the system.
Assumption	The system supports volunteer registration for campaigns and events.

Use Case 37: View Assigned Tasks

Attribute	Value
Identifier and Name	UC-37: View Assigned Tasks
Initiator	Volunteer
Goal	To view the list of tasks assigned to the volunteer.

Precondition	Volunteer is logged in, and tasks have been assigned.
Postcondition	The volunteer's assigned tasks are displayed.
Assumption	The system tracks and displays volunteer-specific task assignments.

Use Case 38: Help in Events

Attribute	Value
Identifier and Name	UC-38: Help in Events
Initiator	Volunteer
Goal	To assist in activities during an event.
Precondition	Volunteer is registered for the event and is present at the event.
Postcondition	Volunteer contributions are recorded or acknowledged in the system.
Assumption	The system allows tracking of volunteer activities during events.

Use Case 39: Submit Feedback

Attribute	Value
Identifier and Name	UC-39: Submit Feedback
Initiator	Volunteer
Goal	To provide feedback about an event or campaign.
Precondition	Volunteer is logged in and has participated in an event/campaign.
Postcondition	Feedback is submitted and stored in the system.
Assumption	The system has a feedback module for collecting volunteer input.

Use Case 40: Create/Edit Events

Attribute	Value
Identifier and Name	UC-40: Create/Edit Events
Initiator	Event Manager
Goal	To plan or update details of a charity event.
Precondition	Event Manager is logged in, and the event management interface is accessible.
Postcondition	A new event is created or an existing event is updated in the system.
Assumption	The system supports event creation and editing with validation for event details.
