



AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH (AIUB)

Faculty of Science and Technology

Dept. of Computer Science

COURSE: SOFTWARE ENGINEERING

Fall 2025-2026

Section: N

Group No:

Software Requirement Specification [SRS] Document On

Project Name : Volunteer Coordinator System (VCS)

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1. INTRODUCTION

The **Volunteer Coordinator System (VCS)** is a desktop-based C# application designed to streamline and manage social events, volunteering activities, donations, and help requests within a community or organization. The system provides an efficient, organized platform where **administrators, managers, and general users** can collaboratively participate in charitable and volunteer-based operations.

This project addresses the difficulties of manually managing volunteer data, donation records, event participation, and help-seeking requests. The system enables multiple user roles with distinct permissions to ensure secure and transparent coordination across all operations.

- **Administrator** oversees all system activities, managing users, events, and verifying requests.
- **Manager** organizes and monitors ongoing events, creates event by himself and updated event also can delete the event. And search event by location and event name
- **General Users** can participate as volunteers, request help, or make donations and see their activities.

By implementing this system using **C# (Windows Forms) and SQL Server**, it ensures data security, easy record management, and smooth operation flow. The system minimizes human errors and promotes social engagement by automating volunteer coordination and donation management.

Objectives

- To automate the event and volunteer management process.
- To allow users to easily register for volunteering, donations, or help requests.
- To provide admins and managers with clear visibility over all event activities.
- To store all data securely in a SQL Server database with proper validation and constraints.
- To enhance social responsibility and community support through an organized digital platform.

2. SCOPES & FEATURES

2.1 Administration Module

- Manage users (Admin, Manager, General User)
- Create, edit, delete events
- Approve volunteer, donation, and help requests
- View reports and total donations

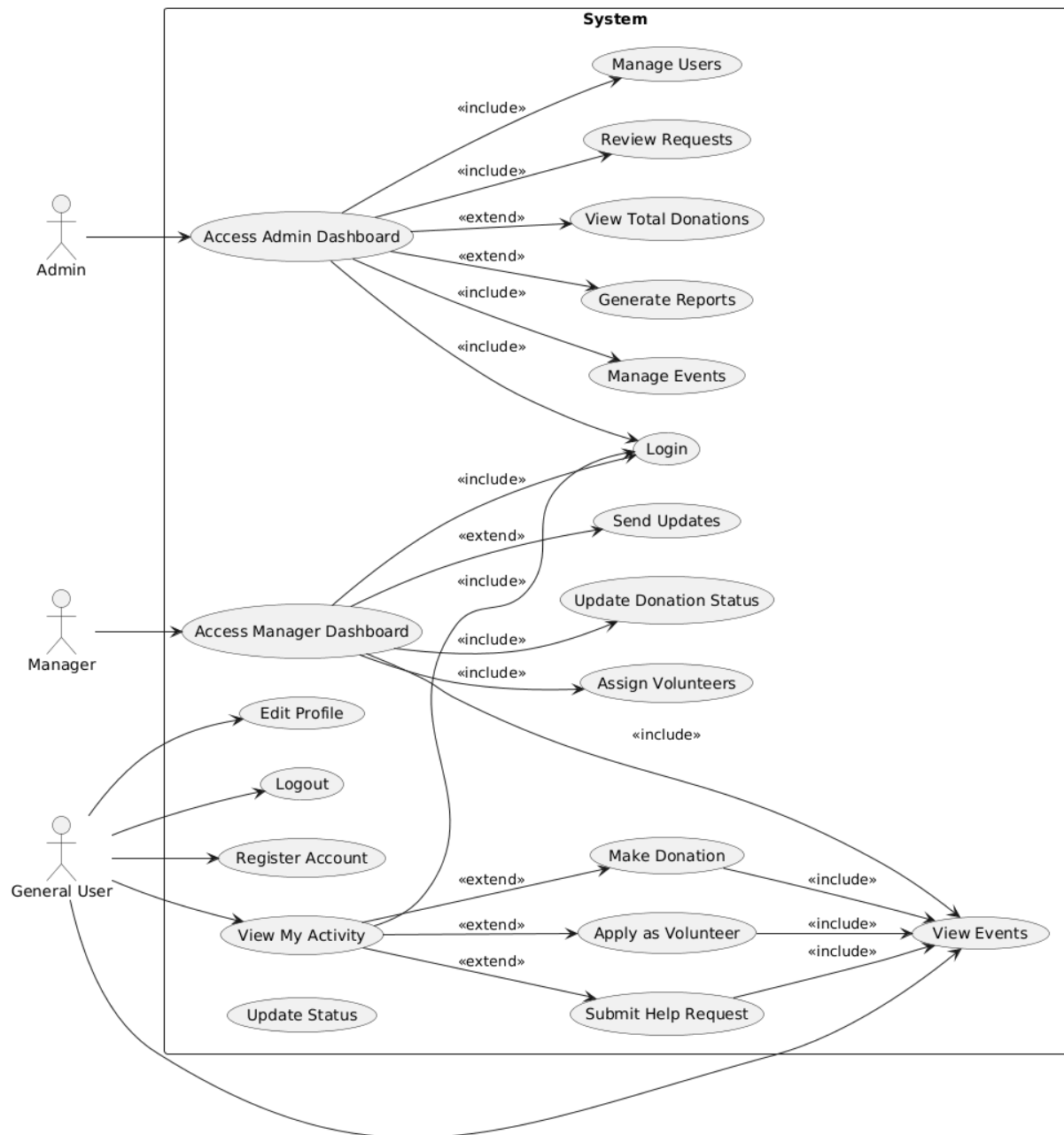
2.2 Manager Module

- View assigned events
- Update or delete events
- Manage volunteers and help seekers
- Update donation status
- Communicate with volunteers and donors

2.3 Scope General User Module

- Register and log in
- View events
- Apply as volunteer, donate, or request help
- View My Activity (volunteering, help, donations)
- Update profile

3. USE CASE DIAGRAM



4. USER STORY TABLE

User Stories:Admin

- Can log in securely to the system.
- Can create, edit, or remove managers and general users.
- Can create new events and manage existing ones.
- Can view and approve volunteer, donation, and help-seeker requests.
- Can generate summary reports on all events and users.
- Cannot directly participate in events but can oversee all event records.

User Stories:Manager

- Can log in securely to their dashboard.
- Can view assigned events and manage them.
- Can update donation status (e.g., pending, completed).
- Can communicate updates to volunteers and donors.

User Stories:General Users

- Can register and log in to access the dashboard and see their own profile.
- Can view available events and their details.
- Can apply as a **Volunteer**, submit a **Help Request**, or make a **Donation**.
- Can view the status of their applications under **My Activity**.

6. REQUIREMENT TRACEABILITY MATRIX

6.1 Functional Requirements

The system shall allow Admin to manage users.

The system shall allow Admin and Manager to manage events.

The system shall allow users to volunteer, donate, or request help.

The system shall display My Activity records to the user.

The system shall store all data in SQL Server.

6.2 Non-Functional Requirements