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Software Requirement Specification [SRS] Document On

Project Name : Volunteer Coordinator System (VCS)

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Table of Contents

Table of Contents

1. INTRODUCTION	3
2. SCOPES & FEATURES	4
2.1 Admin Scope	4
2.2 Manager Scope	4
2.3 General User Scope	4
3. USE CASE DIAGRAM	5
4. USER STORY TABLE	6
5. REQUIREMENT TRACEABILITY MATRIX	7
5.1 Functional Requirements	7
5.2 Non-Functional Requirements	7

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

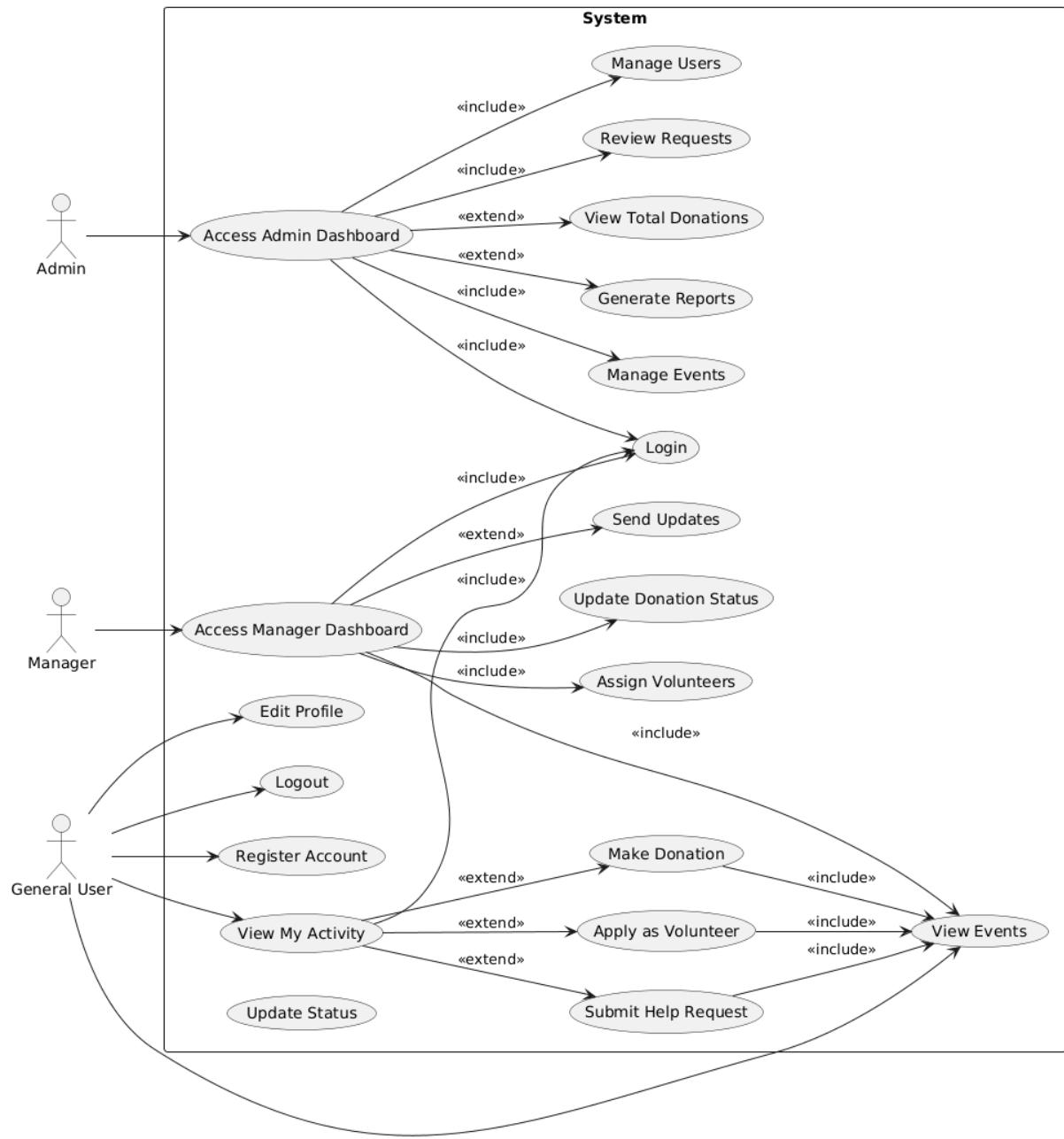
2.2 Manager Module

- 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