

# **Care Circle**

## **Abstract**

Carecircle is an innovative mobile and web application designed to revolutionize volunteer engagement by seamlessly connecting individuals with non-profit organizations and volunteer opportunities. By integrating advanced social networking features, personalized matching algorithms, and gamification elements, Carecircle enhances volunteer participation and streamlines management for non-profits. The platform offers a user-friendly interface that facilitates easy navigation, scheduling, and tracking, while also providing tools for organizations to efficiently manage and verify volunteer activities. With its goal of building a vibrant volunteer community, fostering meaningful connections, and amplifying social impact, Carecircle is set to transform the landscape of volunteerism, creating a more connected and impactful ecosystem for both volunteers and non-profits.

## **Existing System**

Current volunteer engagement systems often suffer from fragmentation and inefficiencies. They typically feature limited visibility for volunteers, who struggle to find relevant opportunities due to poorly organized listings. Matching between volunteers and opportunities is frequently manual and time-consuming. Engagement is often low due to the lack of social networking features and gamification elements. Scheduling and managing shifts can be cumbersome, relying on separate tools or paper-based methods. Additionally, tracking volunteer hours and verifying contributions are usually done manually, leading to potential inaccuracies and administrative overhead.

## **Proposed System**

Carecircle introduces a transformative approach to volunteer engagement through a unified mobile and web application. By leveraging social networking features, personalized matching, and gamification, Carecircle enhances both volunteer participation and non-profit management. Volunteers are matched with opportunities that align with their interests, skills,

and availability, ensuring a more satisfying experience. The platform's user-friendly interface and comprehensive tools simplify scheduling, tracking, and verification, reducing administrative burdens and fostering a more engaged and active volunteer community. Carecircle aims to build a vibrant network, facilitate meaningful connections, and amplify social impact, revolutionizing how volunteers and non-profits interact and collaborate.

## **Modules**

### **Admin**

- Login
- Manage users
- Manage organization
- View registered users
- View feedback, ratings

### **Organization**

- \* Organization registration
- \* user registration
- \* Login
- \* view organization profile
- \* send notification to admin
- \* view complaint and send reply to users
- \* send feedback to admin
- \* Additon of user
- \* Manage user profile
  - view and verify request
  - remove inactive users
  - check users past history
  - Remove alcoholic user or unhealthy user
  - send notification to users about events

# User

- \* Organization name
- \* login
- \* view profile
- \* Send feedback, complaints and view reply
- \* Availability
- \* View user past history
- \* Blood group
- \* Request to participate in events
- \* view opportunities
- \* chat with organization
- \* view notifications

## ***SYSTEM SPECIFICATION***

### **Software Requirements**

One of the most difficult tasks is selecting software, once the system requirement is to find out then we have to determine whether a particular software package fits for Those System requirements. This section summarizes the application requirement

Operating System : Windows 8 or above

Front End : Html, CSS, JavaScript, bootstrap, Dart

Back End	:	Python-Django, Flutter
IDE	:	Android Studio, JetBrains PyCharm
Database	:	MySQL
Web browser	:	Chrome, Explorer, Edge...etc

## Hardware Requirements

The selection of hardware is very important in the existence and proper working of any of the software. When selecting hardware, the size and capacity requirements are also important.

The hardware must suit all application developments.

Processor	:	i3 or above
System Bus	:	32 Bit or 64 Bit
RAM	:	4GB or Above
Hard Disk	:	500 GB or Above
Keyboard	:	108 Keys
Mouse	:	Any Type of Mouse
Monitor	:	14" LCD or Above
Mobile	:	Android Supported Mobile Phone