

**AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH**

**(AIUB)**

**Department of Computer Science and Engineering**

**Project Topic: A Blood Donor Website.**

**Course Title: Software Engineering**

**Section: [K]**

**Class ID: 01495**

**Submitted To:**

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Blood Donor Website

**Problem definition:**

People of the required blood group are often not available in an emergency. Moreover, after it becomes difficult to collect the blood of a healthy person, keeping these issues in mind, our primary goal is to create a self-contained blood donor list and attach all their Information.

Our primary goal is to create a self-contained blood donor list and attach their Information for this issue. the Blood Donner Website will have the following features:

1. Donor and Blood Receiver register on the site.
2. For Registration:

* Provide important Information (Name, Age, Gender, Address, Blood Group, NID or Birth Certificate, Medical Condition Certificate)
* Take UserID and Password

1. Login Phase:
   * Select Donor Mode or Receiver Mode
2. Donner Mode:
   * Set recent blood donation time
   * Update his Status active/away
   * Show latest blood request post as like user blood group and address
   * Check date-time and confirm his donation.
3. Blood Receiver Mode:
   * Upload a post with date-time, address, and blood group
   * Set date-time and blood group for confirmed his position.
   * Manually search available active donor who matches his required blood group
   * Directly send a request for blood matching active donner
   * If donner documented, then both share their communication details
4. Administration:

It is creating a ranking by listing those donating the most blood and rewarding them socially accordingly. It should be solved if there have any problems.