



**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

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**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
3. Login Phase:
  - Select Donor Mode or Receiver Mode
4. 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.
5. 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
6. 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.