**PROJECT PROPOSAL**

**CS201**

**EPICS**

**Problem Statement:**

At present, the public can only know about the blood donation events through conventional media means such as radio, news paper or television advertisements. There is no information regarding the blood donation programs available on any of the portal. The current system that is using by the blood bank is manual system. The records of the donor might not be kept safely and there might be missing of donor's records due to human error or disasters. Besides that, errors might occur when the staff keeps more than one record for the same donor. There is no centralized database of volunteer donors. So, it becomes really tedious for a person to search blood in case of emergency. The only option is to manually search and match donors and then make phone calls to every donor. There is also no centralized database used to keep the donors' records. Each bank is having their own records of donors. If a donor makes donation in different hospital, no previous records can be traced except if the donor brings along the donation certificate. Hence, the donor is considered to be a first-timer if they make blood donation in a new place. Without an automated management system, there are also problems in keeping track of the actual amount of each and every blood type in the blood bank.

**Title of project:**

Bring a Life Back to Power.

**Objective & Key Learning’s:**

1. To create awareness and motivate people for Blood Donation.

2. To help anyone, in case of any requirement for blood.

3. To end the concept of replacement donation by ensuring continuous supply of blood through our site.

4. To continuously aware people about Blood Donation Camps**.**

**Driving Question for the project:**

In Emergency Person can find the blood, donar easily and can donate blood to the needed person.

**Options available to execute the project:**

1. HTML
2. CSS
3. JAVASCRIPT

**Pros and Cons of each option:**

**1. HTML:**

**Pros:**

**1.** Video and Audio Support

2. Neater Code

**3.** Consistency

4. Page Layout

**5.** Mobile

**Cons:**

**1.** Browser Support

2. The language is spec

**3.**  Media licensing issues

**2. CSS:**

**Pros:**

1. Consistency

2. Bandwidth Reduction

3. Browser Compatibility

**Cons:**

1. Cross-browser Issues

2. Confusion Due to its many level

3. Vulnerable

**3. JAVASCRIPT:**

**Pros:**

1. User Interface Interactivity

2. Rapid Development

3. Browser Compatible

**Cons:**

1. Code always Visible

2. Slow Execution.

3. Stop Render

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