

# WEB TECHNOLOGIES

## LAB MINI PROJECT

**TITLE :** **Blood4You**

### TEAM MEMBERS:

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### SYNOPSIS :

Our mini project titled Blood4You is an online Blood Donation and volunteering Website with the motive of connecting all interested donors, volunteers, blood banks and hospitals, currently in Bangalore, so as to enable faster and more convenient access to blood supplies for patients in need, especially in times of emergency. Through our efforts, we have facilitated a quick regional search feature using which our users may easily get access to the location and contact details of nearest blood banks and donors in times of emergency. Volunteers may even register themselves and have the permission to host events, the details of which are retained for future such that they may be contacted when necessary. Apart from this, our website includes various other features which are summarized in the description given below.

## DESCRIPTION :

- **HOME Page :**

Our home page contains a slideshow about blood donation with a video and a footer containing links to social media and few important pages.

- **Search :**

- a.) Search nearest banks :**

This feature facilitates searching of nearest regional blood banks in the city of Bangalore based on availability of a particular blood group. The corresponding bank details along with the location on google maps is displayed if search is successful.

- b.) Search nearest donors :**

This feature facilitates searching of blood donors regionally in the city of Bangalore who have registered on our website based on availability of a particular blood group. The details of the donors are displayed if found.

- **Join Us :**

- a.) Register as a new user :**

This page enables a new user to create a new account for future login.

- b.) Register as a donor :**

This page enables a user to register as a donor and his details get stored in a database for the purpose of searching donors based on regional availability of blood donors regionally.

- c.) Register as a volunteer :**

This page enables a user to register as a volunteer and saves their details in a database for being contacted later by our service provider.

- d.) Refer a friend :**

This page uses the Document Object Model of javascript to create a form on clicking a button to refer a friend whom a user thinks may be interested to be a donor or volunteer, whose details are subsequently saved in the database.

- **Login with individual user dashboard :**

This page enables a user to login with his credentials if he has a valid one, otherwise a pop up image representing unsuccessful login is opened, which on closing forces the page to be redirected to the login page.

Upon successful login, an individual user dashboard of the registered user is displayed and through the maintenance of sessions, we display a welcome message on the navigation bar of every page with a logout option appearing as a dropdown when the user is logged in.

- **Blood Tips :**

This page contains an accordion effect to display some basic blood donation awareness tips, such that each tip appears on click.

- **Events :**

- a.) Upcoming Events :**

This page contains details about upcoming events such that future camps, etc with the important dates marked on a calendar such that a pop up message appears on clicking the marker.

- b.) Past Events :**

This events contains details of past events designed as cards with the corresponding images and messages.

- c.) Host an event :**

This page enables a user to host an event with us, the details of which get stored in database for further reference.

- **Media :**

- a.) Testimonials :**

This page contains testimonials of various users, donors and volunteers

- b.) Photo Gallery :**

This page contains a gallery of images portraying events conducted over a period of time.

- c.) Press Release :**

This page is composed of recent newspaper clippings portraying events hosted through our efforts.

- **Support :**

**a.) FAQ and Customer Queries :**

This page contains an accordion effect to display some frequently asked questions, such that each question appears on click.

The page contains a hyperlink to the **post a query page** where a user can post a query and an automatic reply message is displayed from among a set of messages.

**b.) Feedback :**

This page enables a user to provide us with their feedback which gets stored in the database for further reference.

**c.) 24-Hour Helplines :**

This page contains details of various blood banks across Bangalore with their addresses and corresponding 24 hour helplines.

**d.) Contact Us :**

This page facilitates a user to reach out to us by providing them details about our contact information and location with features such as google maps.