Abstract:

The dynamic blood bank web application comprises three modules: admin, blood banks, and customers. Admins control the system, approving bank registrations and managing donor availability. Blood banks manage donors' availability, and customers can book them after bank approval. The app, built on Laravel MVC, uses PHP for backend, HTML/CSS/JS for frontend, and MySQL for the database. It's hosted on an Apache server.

This streamlined system enhances blood donation processes. Admins approve bank registrations and oversee donor availability. Blood banks manage donors' status, and customers can book donors, awaiting bank approval before making secure payments.

In summary, the dynamic blood bank web app facilitates efficient blood donation management, benefiting administrators, blood banks, and customers. Built on Laravel MVC with PHP backend and HTML/CSS/JS frontend, it sets a new standard for blood bank systems.