User Manual

for

Blood Bank Management System

(Version:1.0)

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Course : Database Management Systems

Date : 01-12-2023

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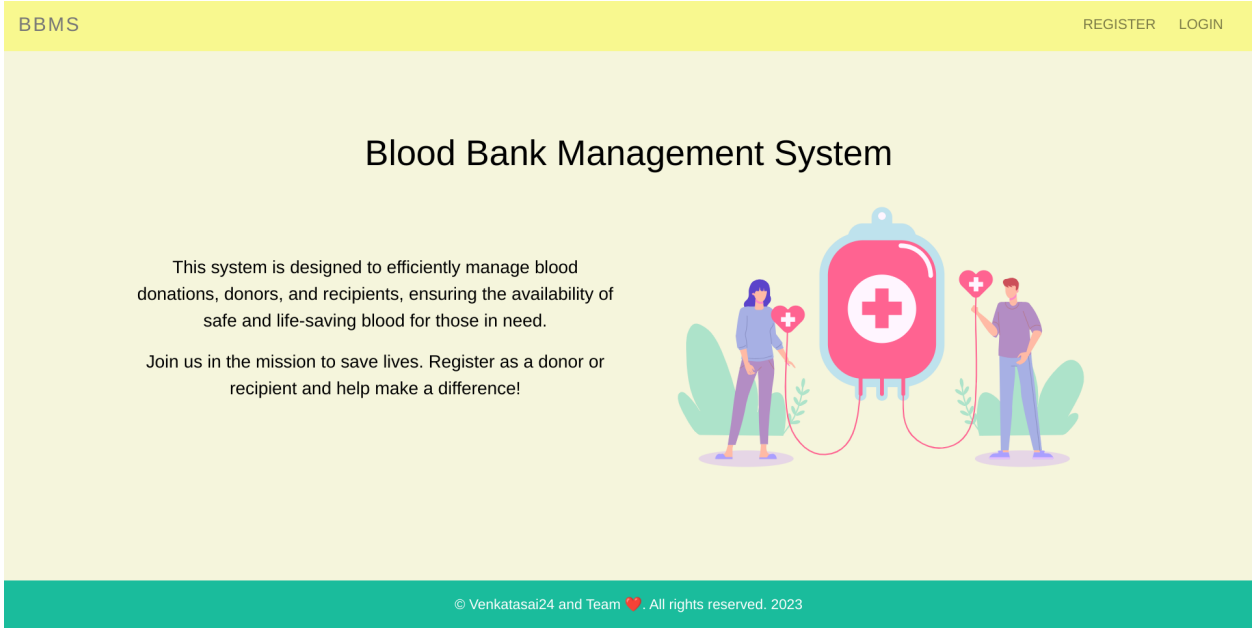
Registration and Login



The Blood Bank Management System (**BBMS**) Home Page serves as the initial gateway for users, presenting a welcoming interface with essential features. The navigation menu prominently displays two crucial options: Register and Login. These guide users to either initiate the registration process or access their existing accounts.

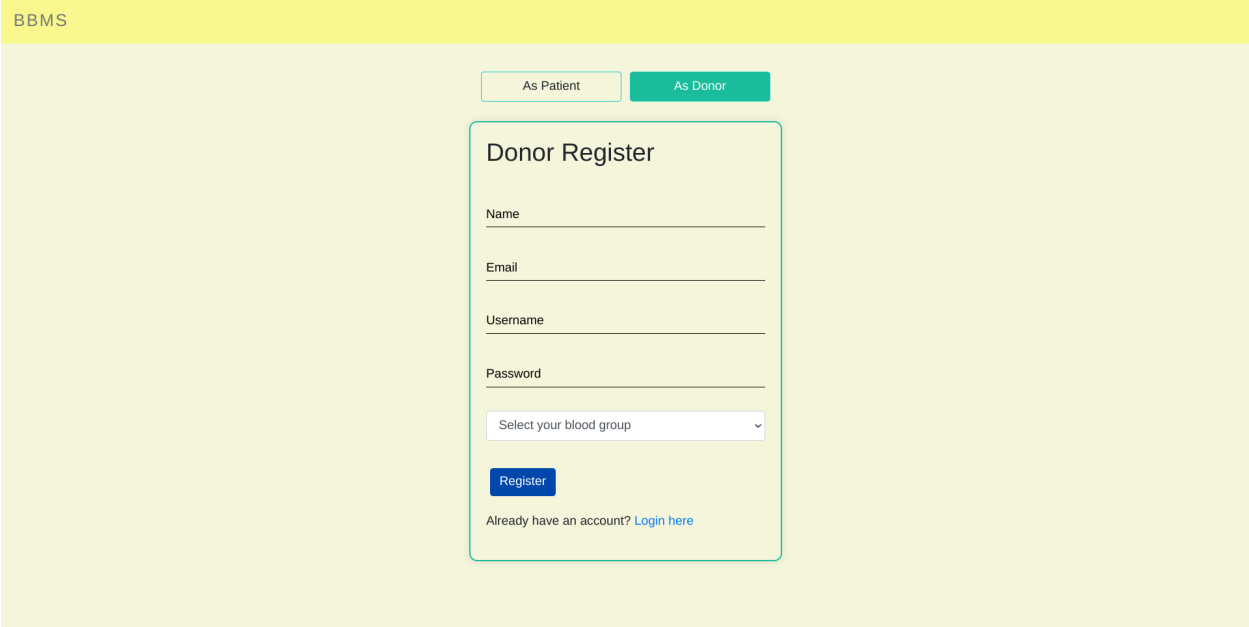
Registration

To get started with the BBMS, users need to create an account according to their role(patient/donor). Follow these steps to register:

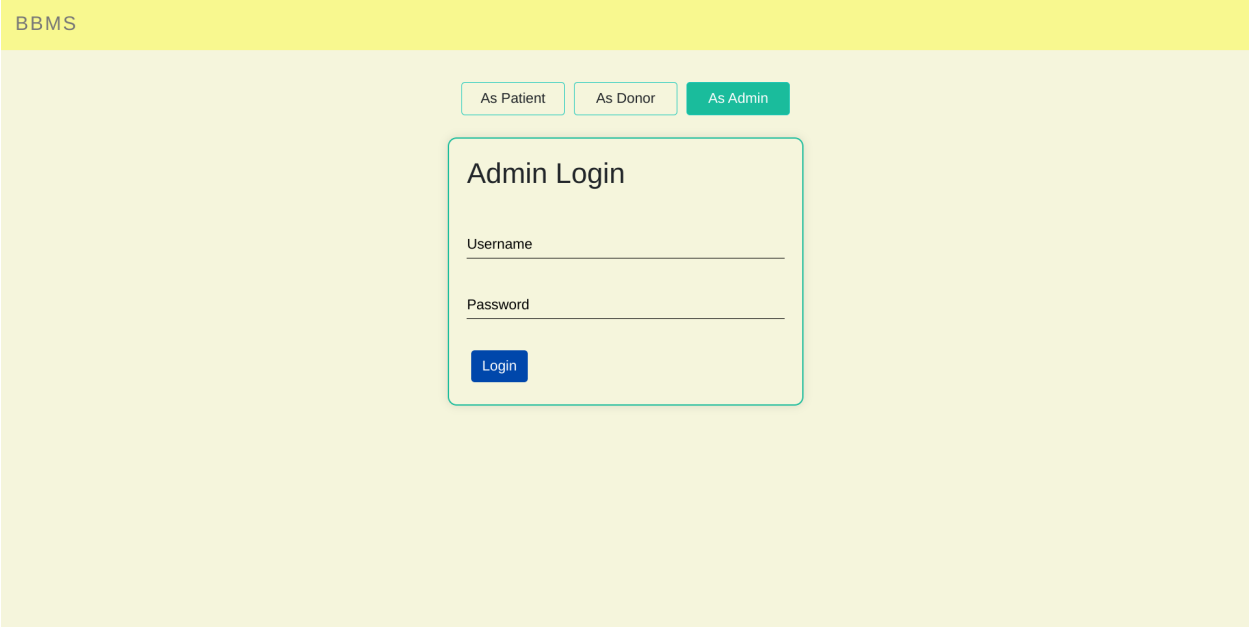
- Navigate to the registration page.
- Fill in the required details such as name, email, username, and blood type.
- Choose a secure password.
- Submit the registration form.

Upon successful registration, users will be redirected to their respective dashboard page.

Note: Currently, registration as an admin is not allowed for security purposes.



Login



Already registered users can log in using their credentials:

- Go to the login page.
- Enter the registered username and password.
- Click the login button.

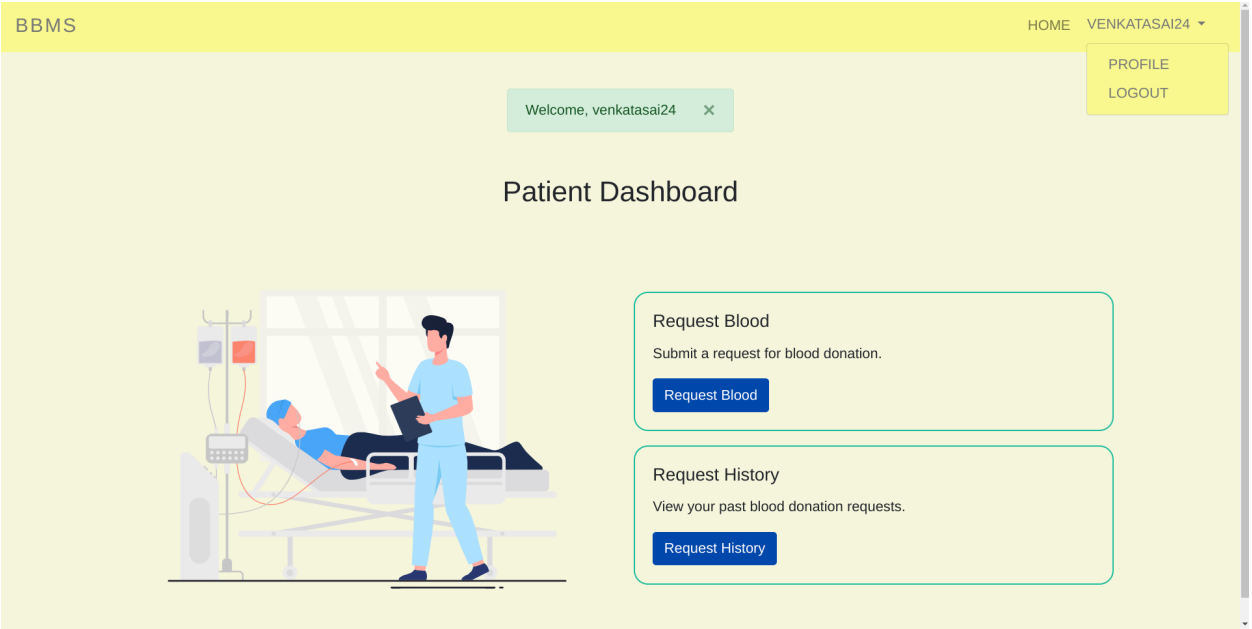
If there are any errors during login/register form validation, relevant error messages will be displayed to guide the user.

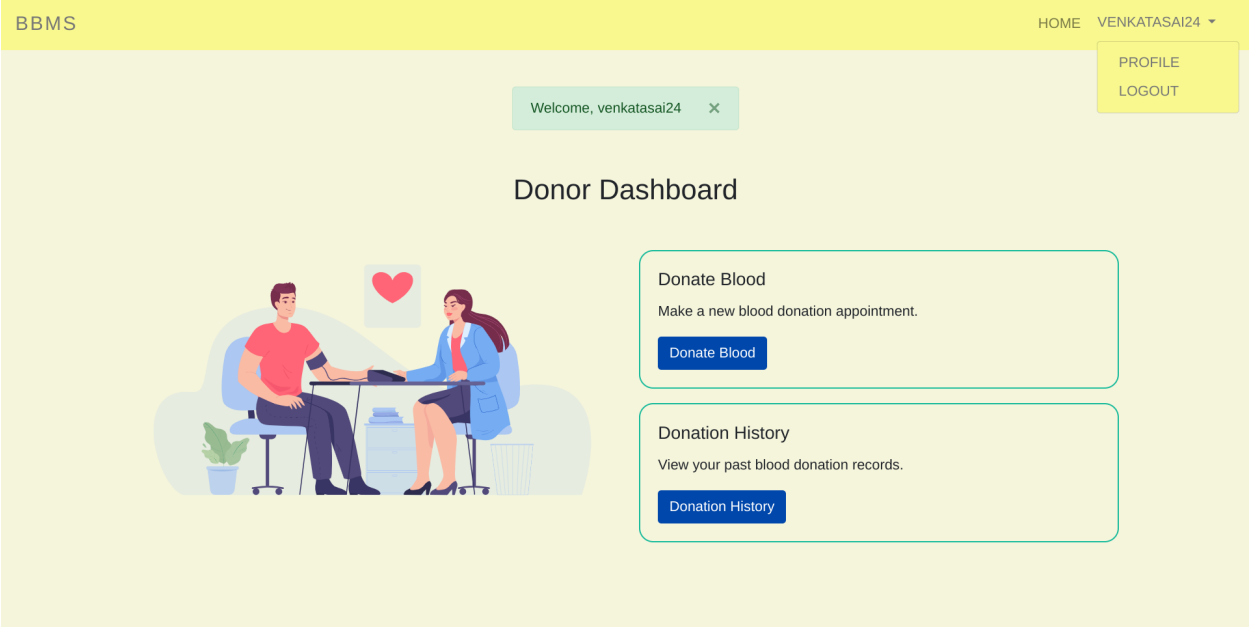
Access to the user-specific dashboard will be granted upon successful login.

DashBoard Page for users

Overview

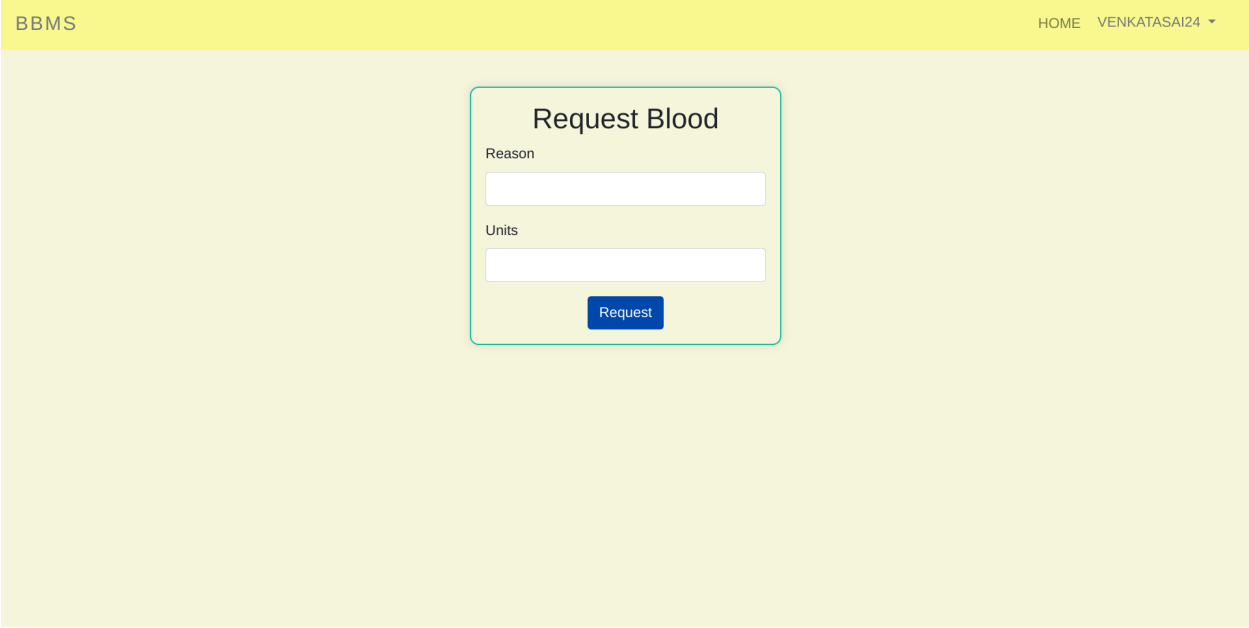
Upon successful login, users are directed to their personalized Dashboard, tailored to their specific roles as either patients or donors. The dashboard provides a streamlined and user-friendly interface with distinct features based on their roles.





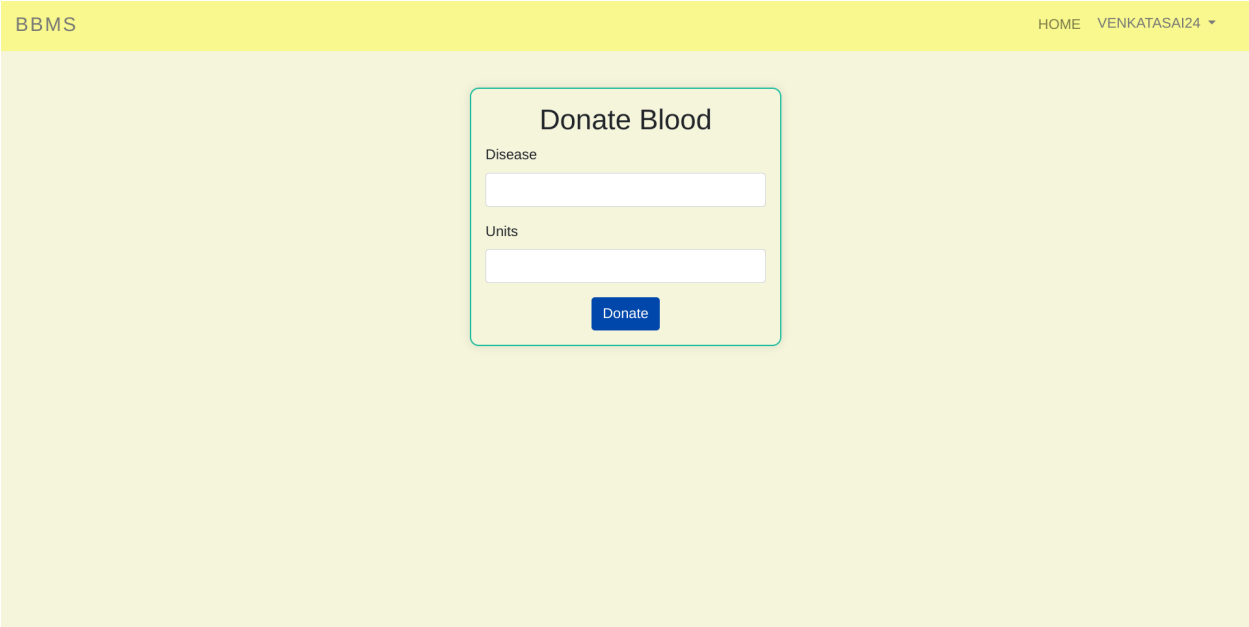
Request Blood [For Patients]

Patients can submit requests for blood, specifying their blood type and urgency. Submitted requests are directed to the Admin Dashboard, allowing administrators to assess the urgency and blood type against the current blood stock.



Donate Blood [For Donors]

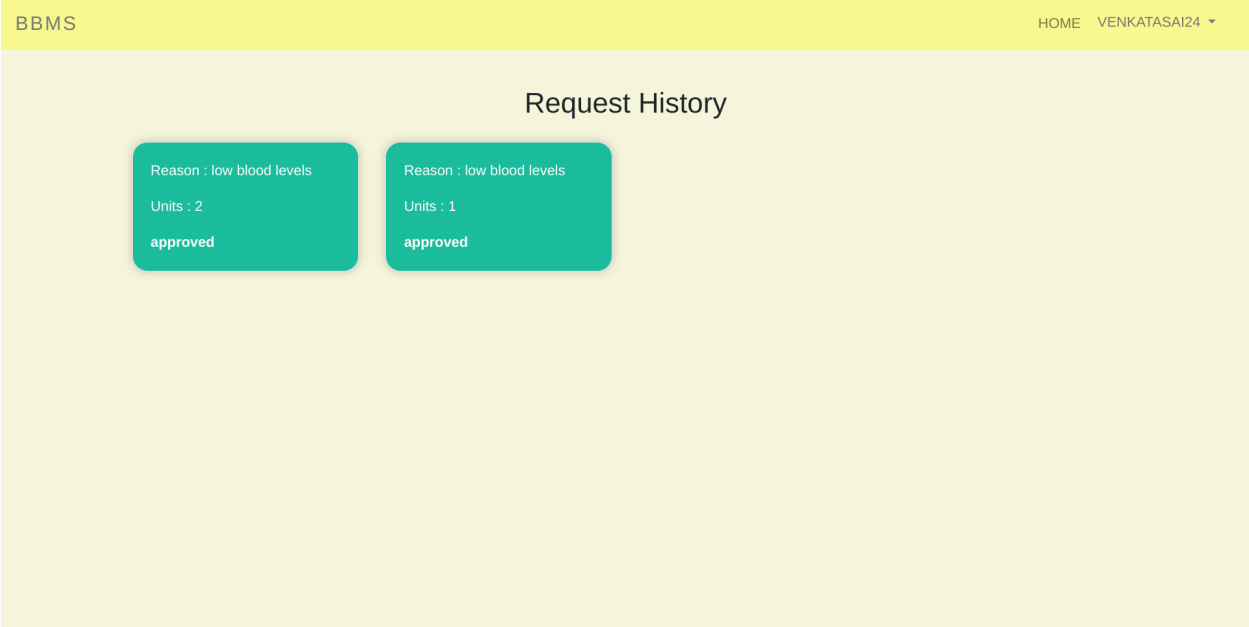
Donors can easily schedule blood donation appointments, providing essential health information. The system forwards this data to the Admin Dashboard for review. Admins assess the details, approving or rejecting based on health considerations.



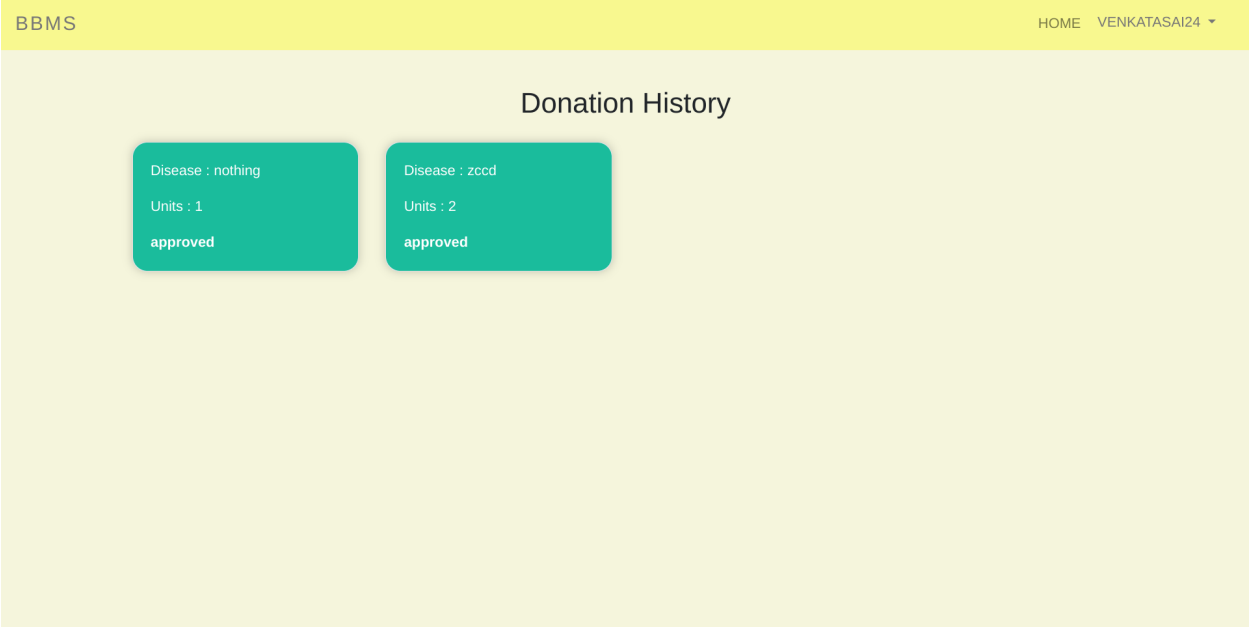
Request and Donation History

Users can access a consolidated history of their blood-related activities.

For patients, this includes reviewing past blood requests with status and details.



Donors can track their donation history, viewing the status and details of each contribution.



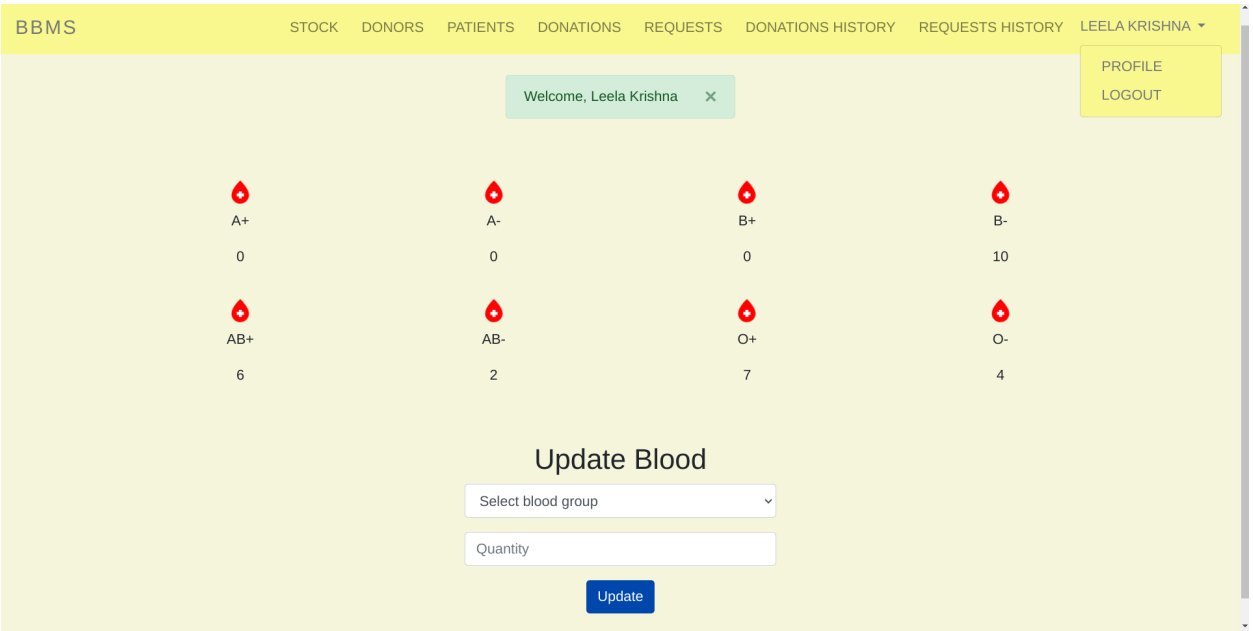
The user-centric dashboard is designed to cater to the specific needs and actions associated with each role, providing a seamless and intuitive experience.

DashBoard Page for Admins

The Admin Dashboard serves as a control center for efficient blood management.

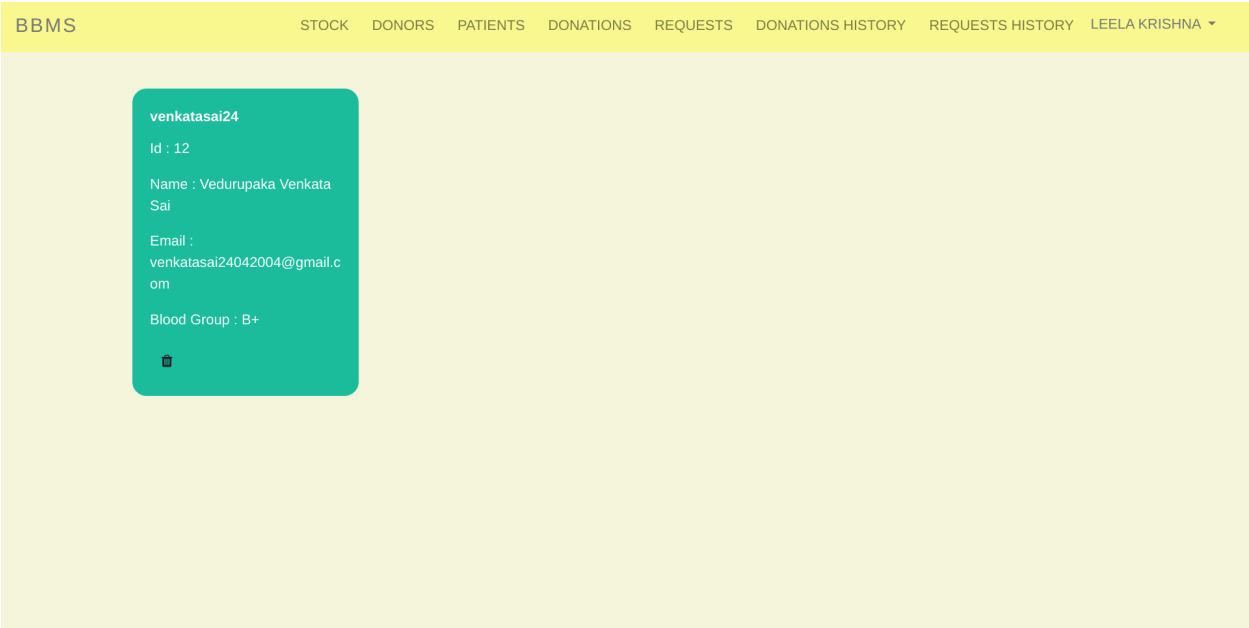
Blood Stock

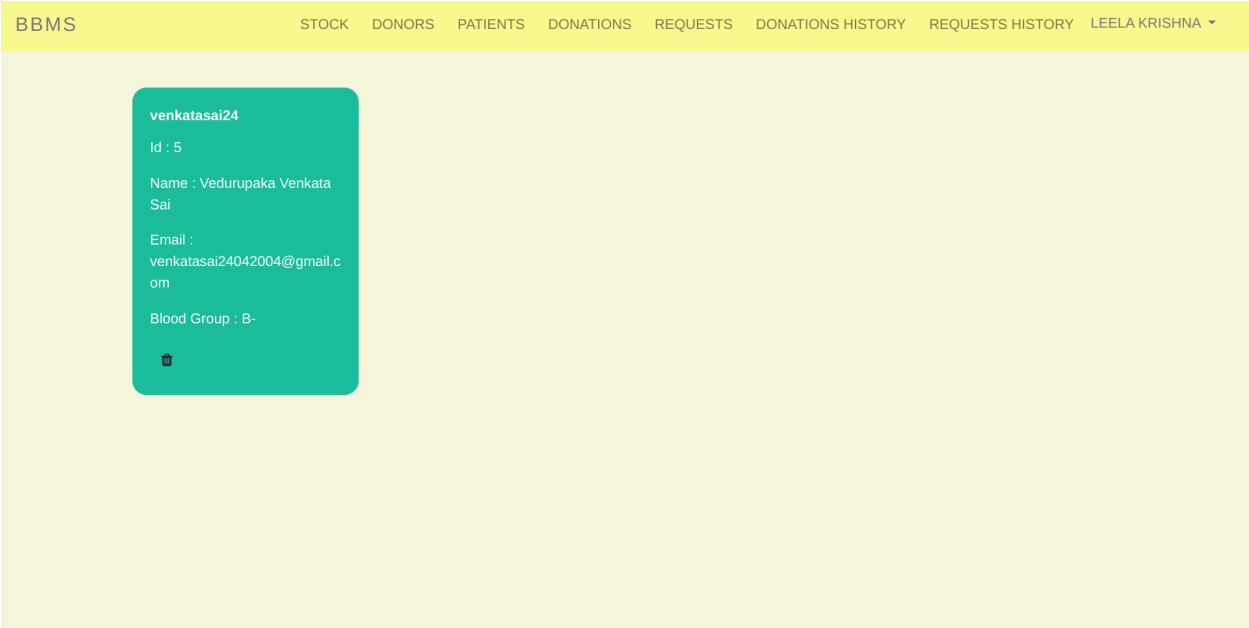
Admins can monitor the quantity of each blood type available, enabling proactive stock management. Easily update and manage blood stock to meet demand.



User Management

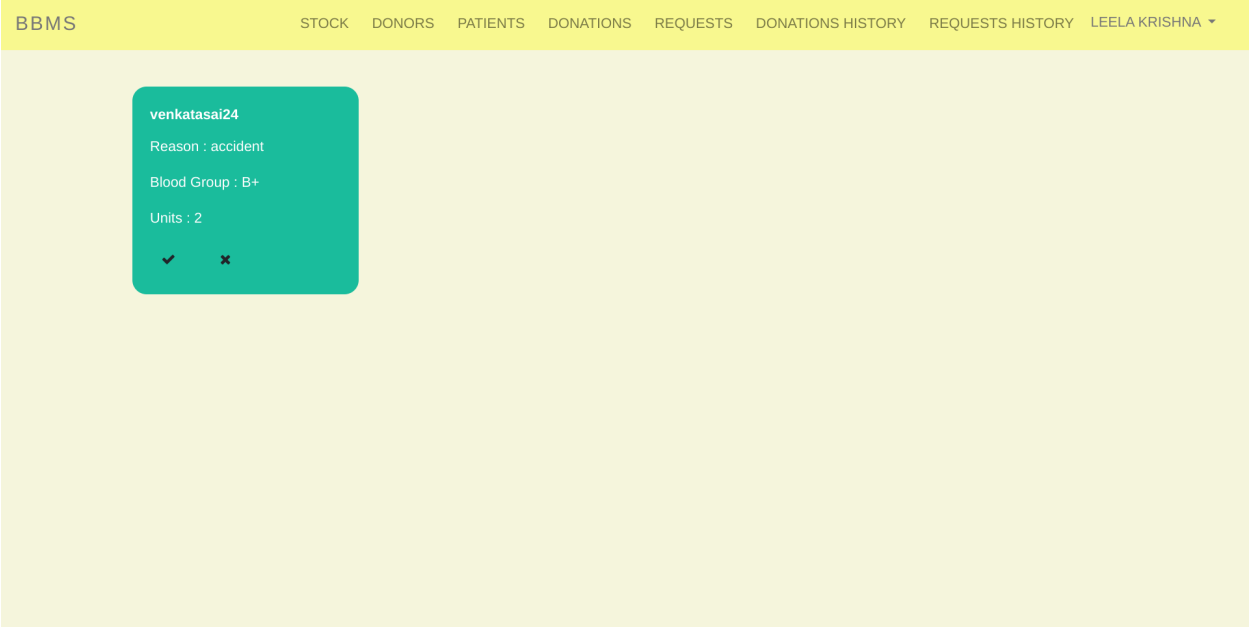
Review the list of registered blood donors and patients. View patient information as well as donor profiles.





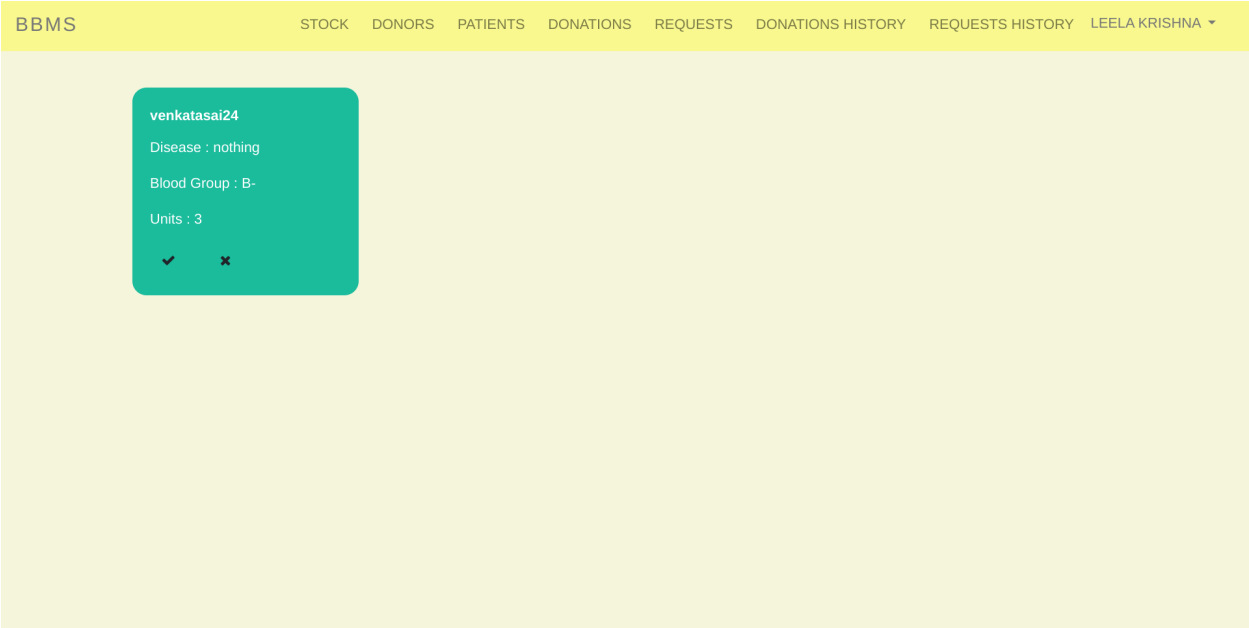
Blood Requests

View all pending blood requests. Access specifics of each request, aiding in efficient approval or rejection.



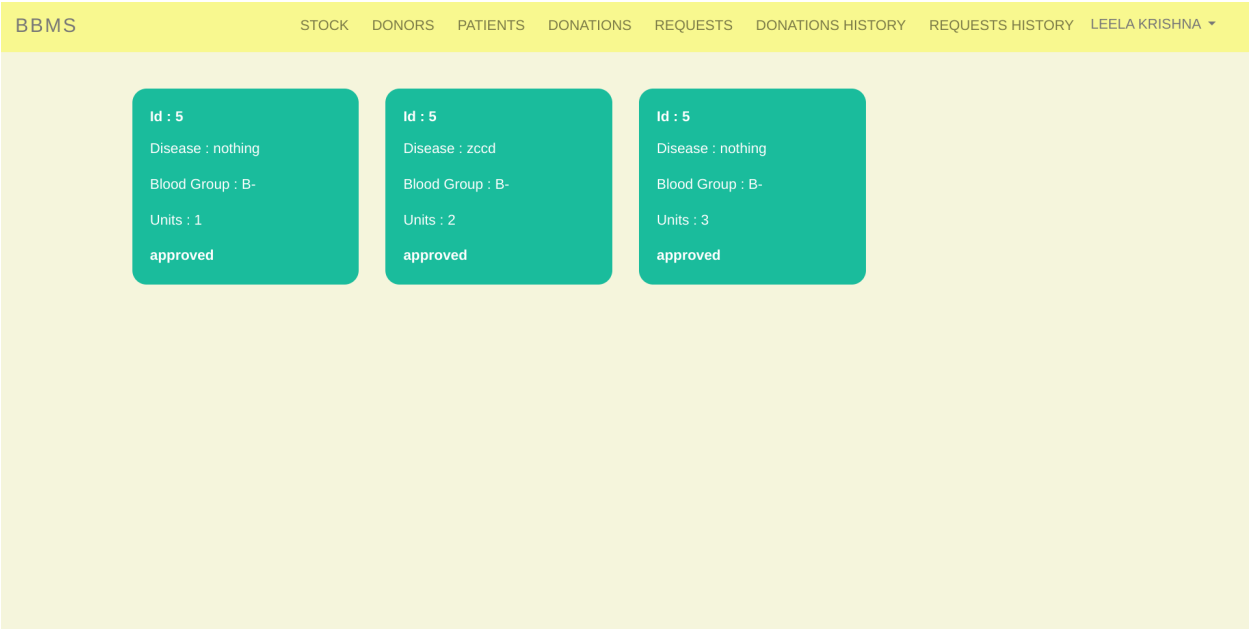
Donate Requests

Admins can click on donation requests to access specific details of each request. Specifics include information about the donor, blood type, quantity, and any additional notes provided by the donor.

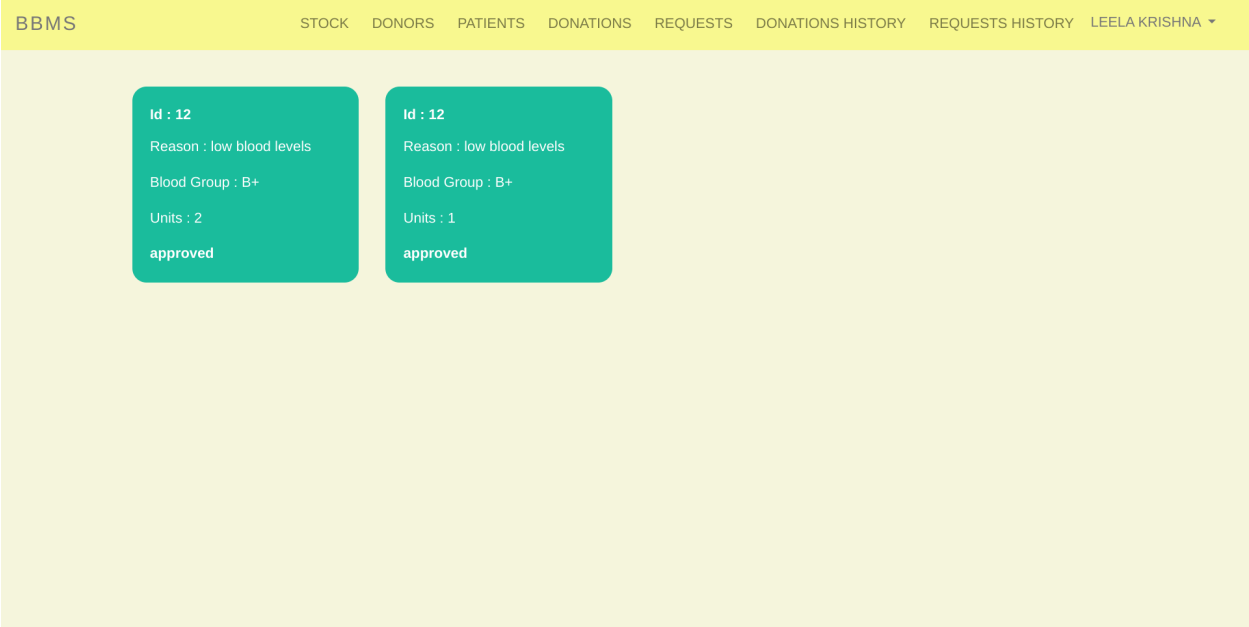


Donation and Request History

Admins can track the history of all blood donations, including the status and details of each donation.



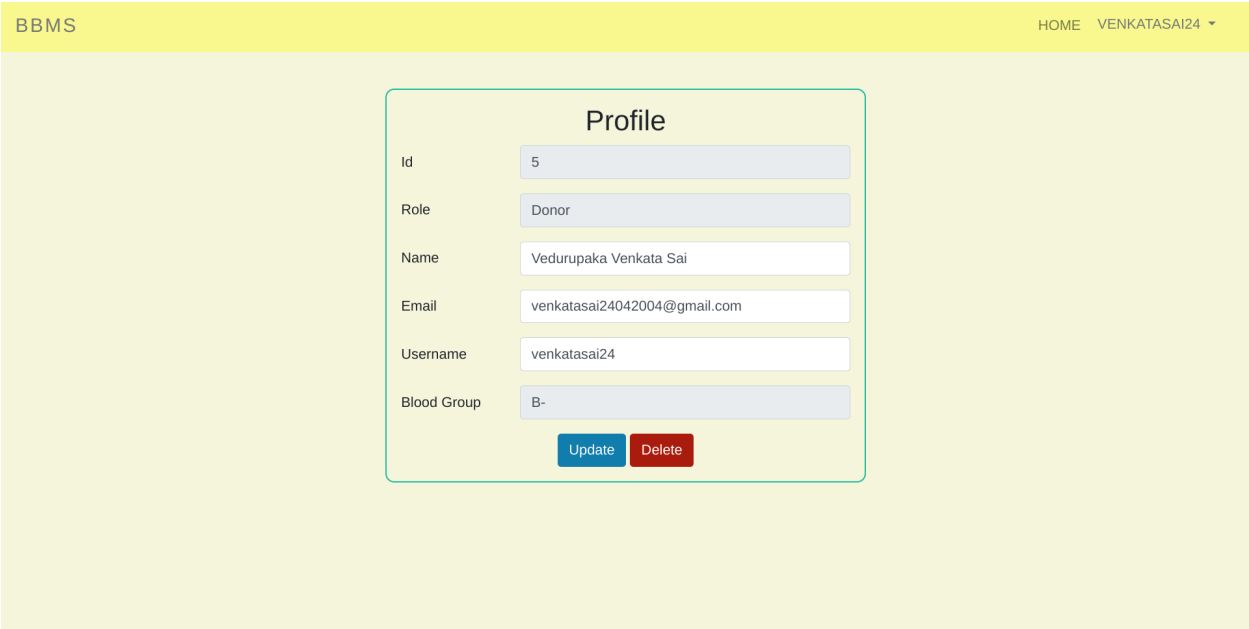
Admins can review the history of all previous blood requests, including the status and details of each request.

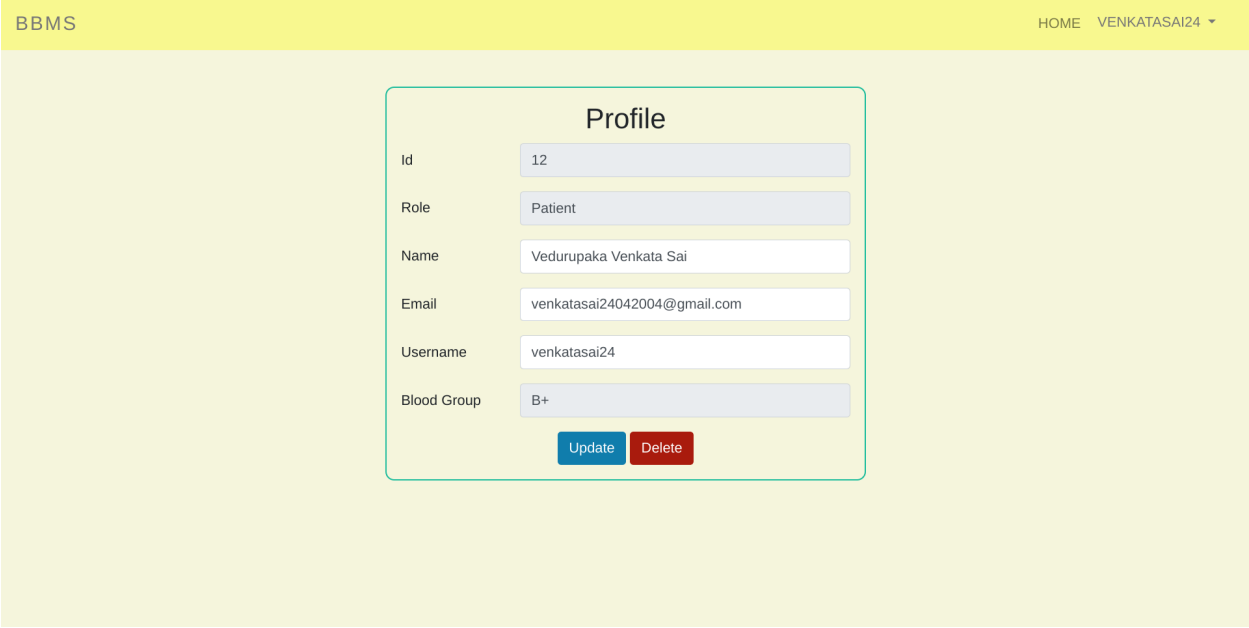


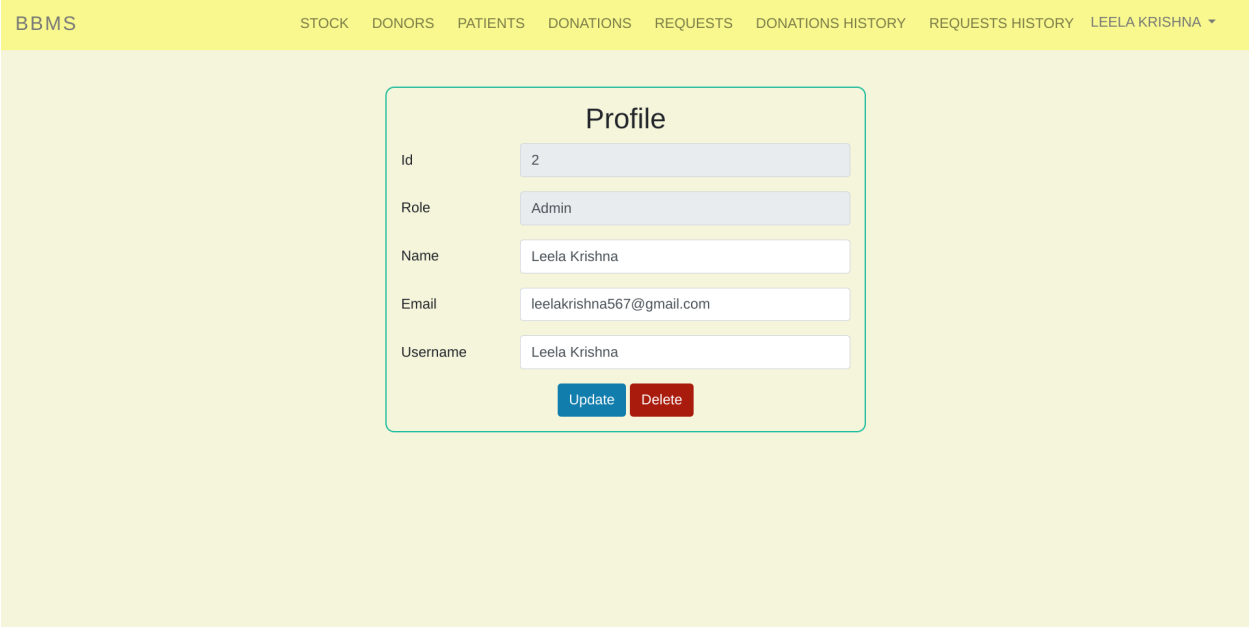
This detailed breakdown empowers admins with granular control over blood-related processes, fostering an organized and responsive system.

Profile

Access and manage personal profile information, ensuring accurate and up-to-date details for efficient communication.







LogOut

To log out from BBMS, simply click on the Logout button located in the top right-hand corner of the page. This action will securely end your session and redirect you to the BBMS home page.