User Manual

Blood Bank Management System

(Version 1.0)

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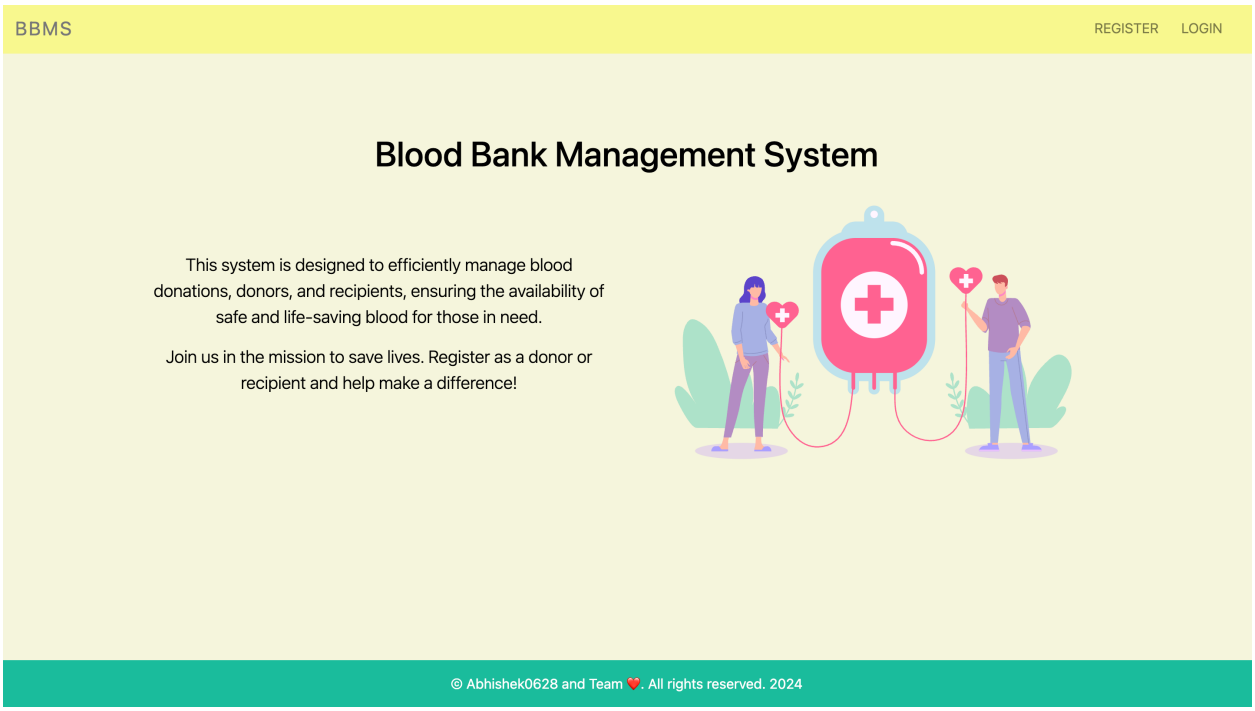
Registration and Login



The Blood Bank Management System (**BBMS**) Home Page is the main entry point for users, featuring a clean interface with key functions. The navigation menu offers two essential options: Register and Login. These options allow users to create new accounts or access existing ones.

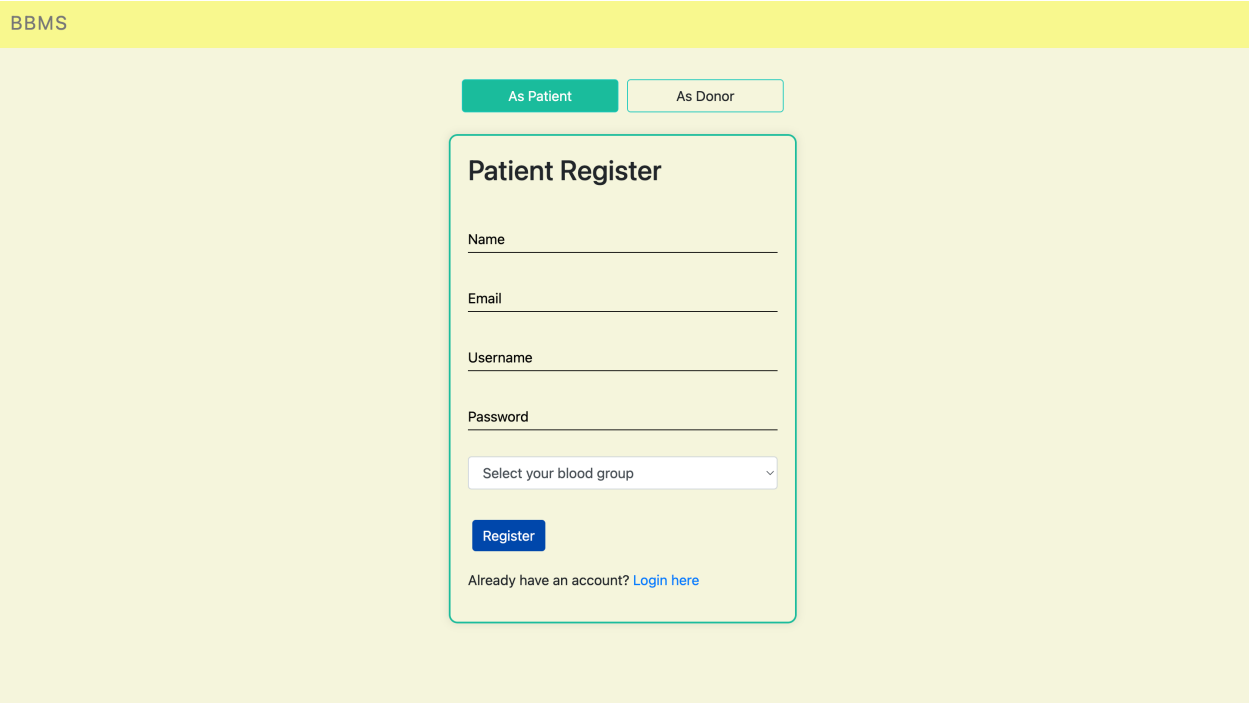
Registration

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

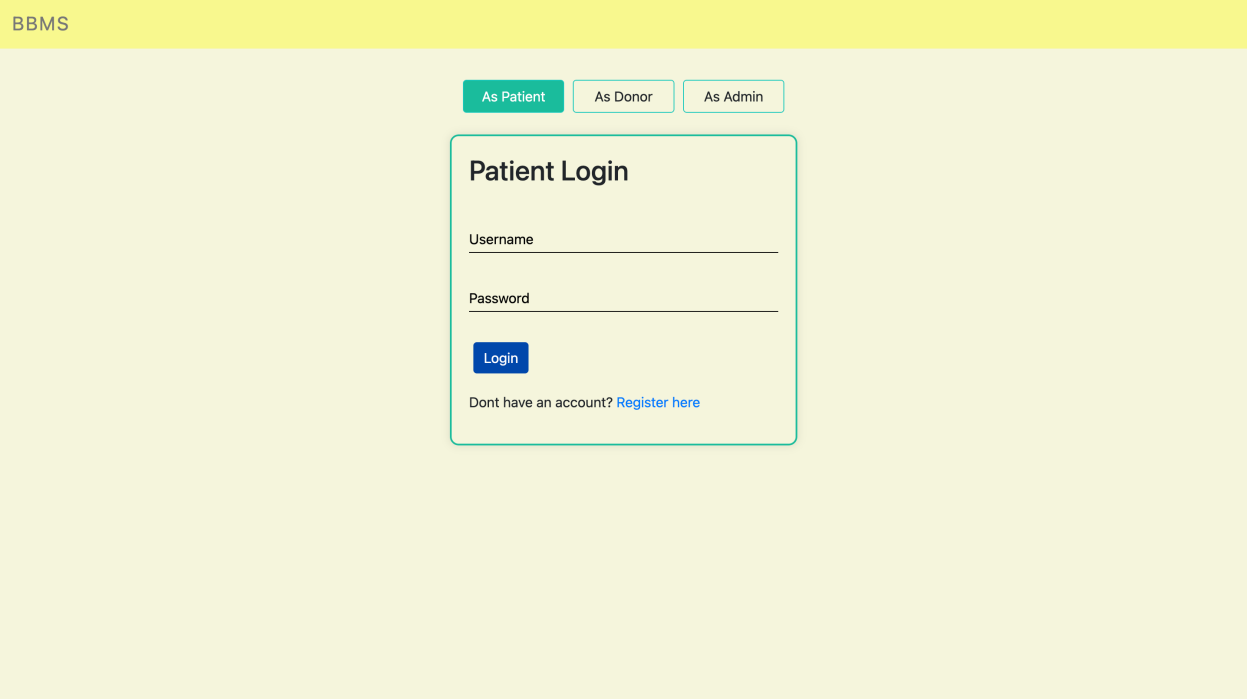
- Navigate to the registration page.
- Fill in the required details such as name, email, username, and blood type.
- Choose a secure password.
- Submit the registration form.

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.

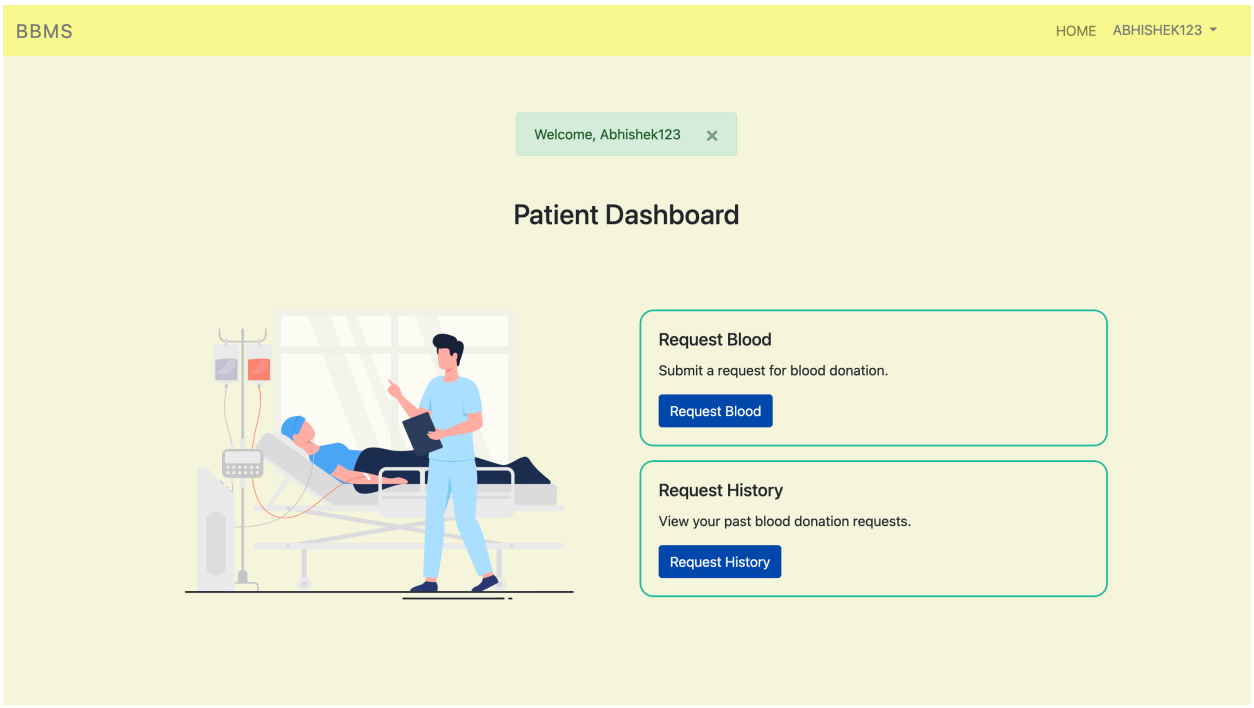
If there are any errors during login/register form validation, relevant error messages will be displayed to guide the user.

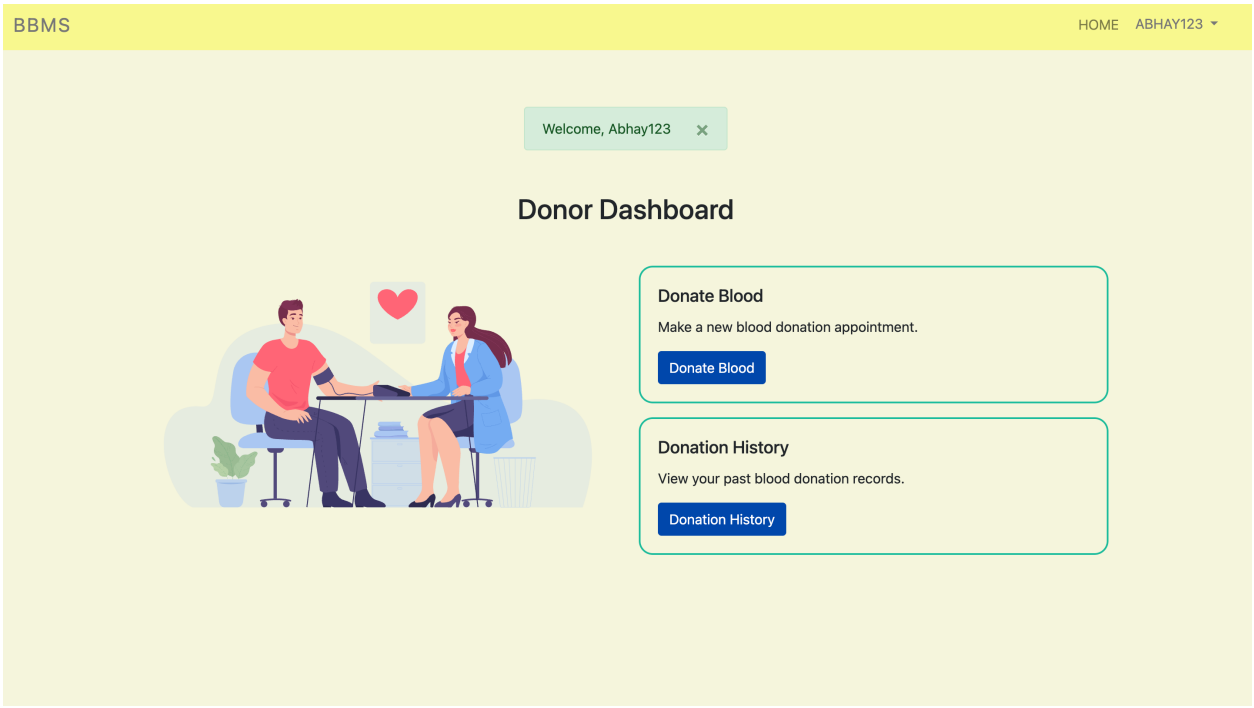
Access to the user-specific dashboard will be granted upon successful login.

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.

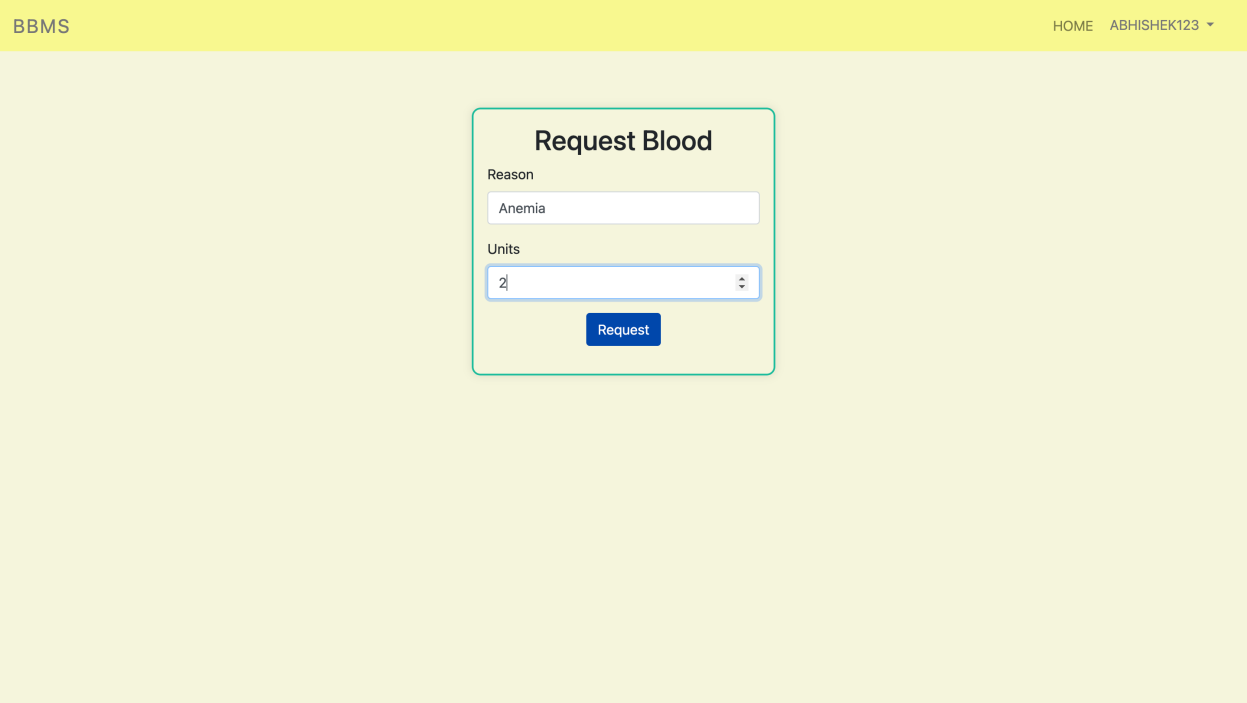




Request Blood [For Patients]

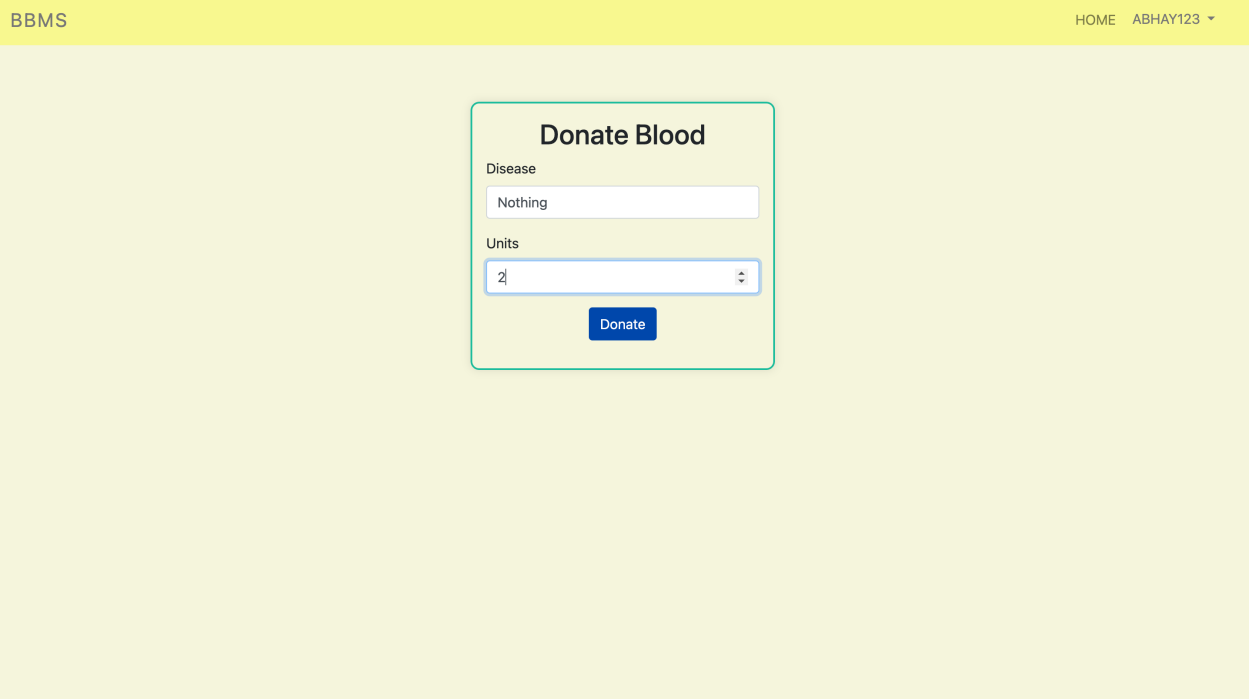
Patients can submit requests for blood, specifying their blood type and urgency.

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]

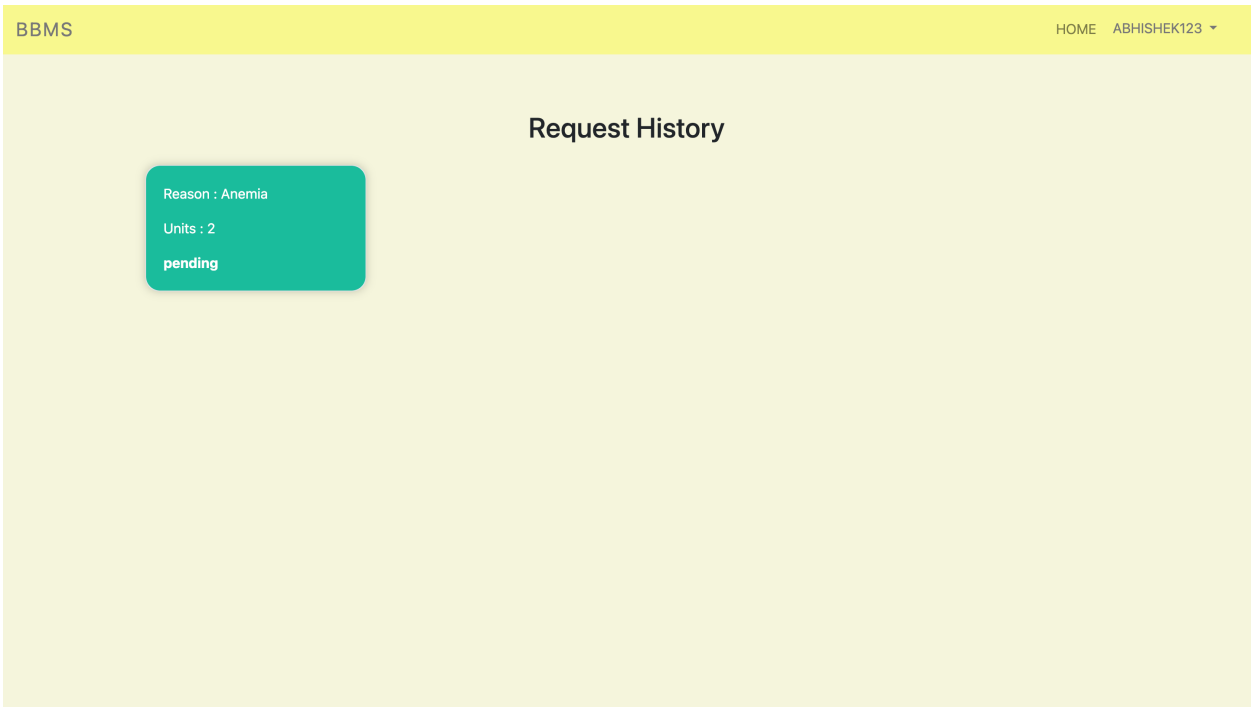
Donors can easily schedule blood donation appointments and provide their health information. The system automatically forwards these details to the Admin Dashboard. Administrators then review and either approve or reject the donation request based on health criteria.



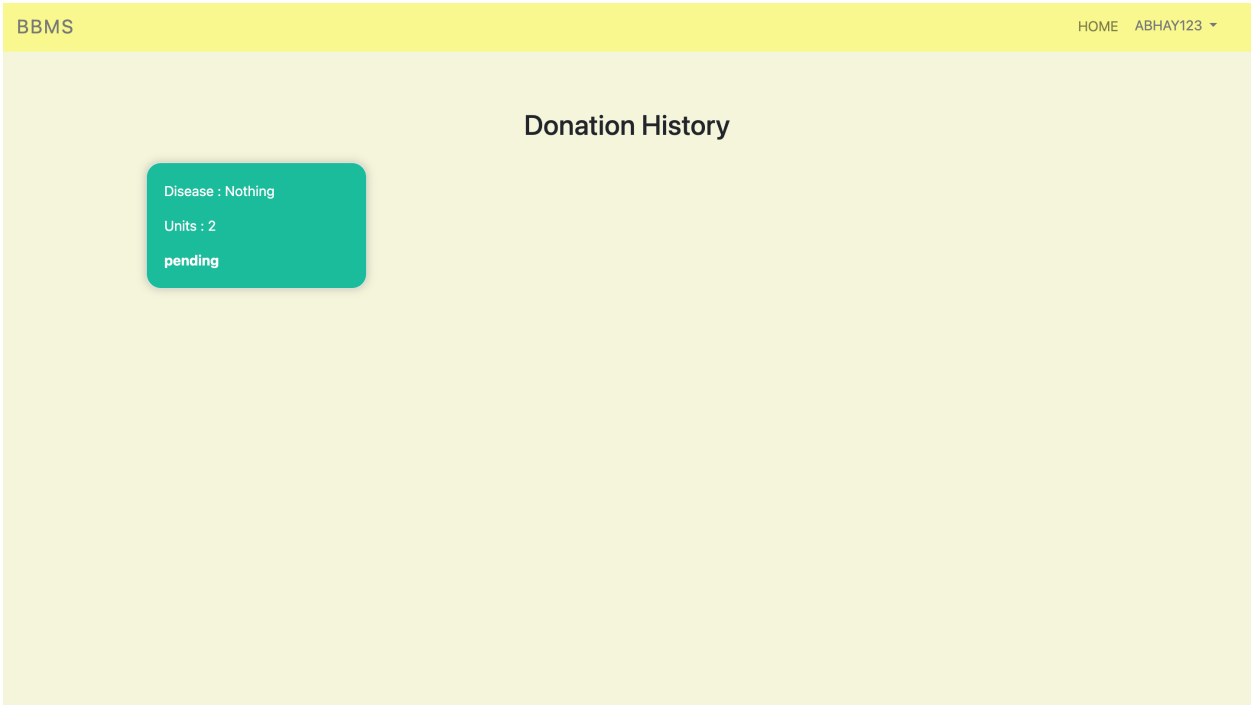
Request and Donation History

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.



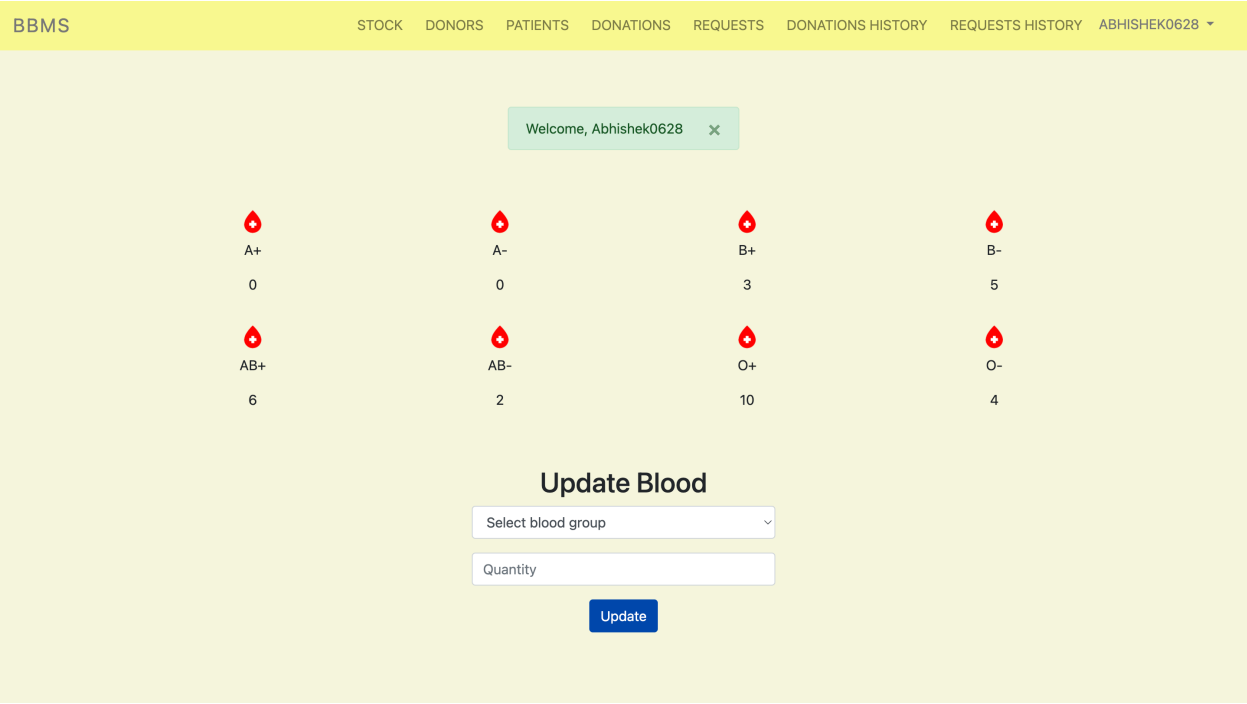
The user-centric dashboard is designed to cater to the specific needs and actions associated with each role, providing a seamless and intuitive experience.

DashBoard Page for Admins

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

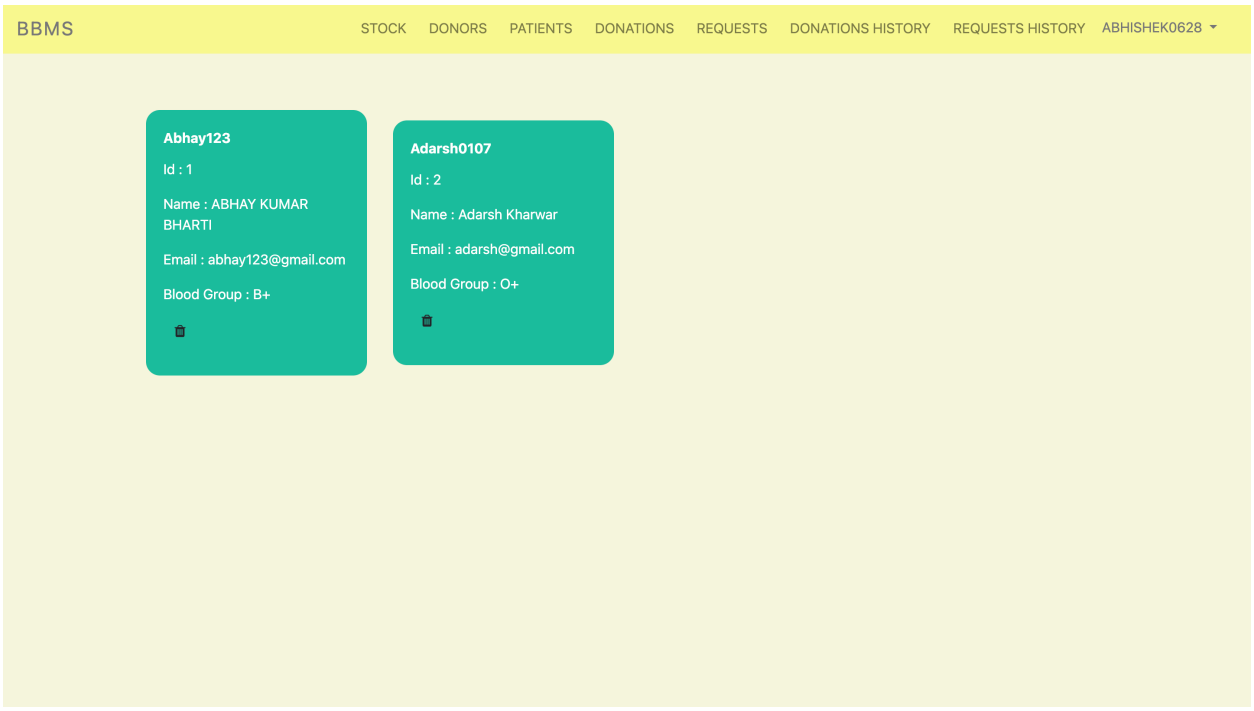
Blood Stock

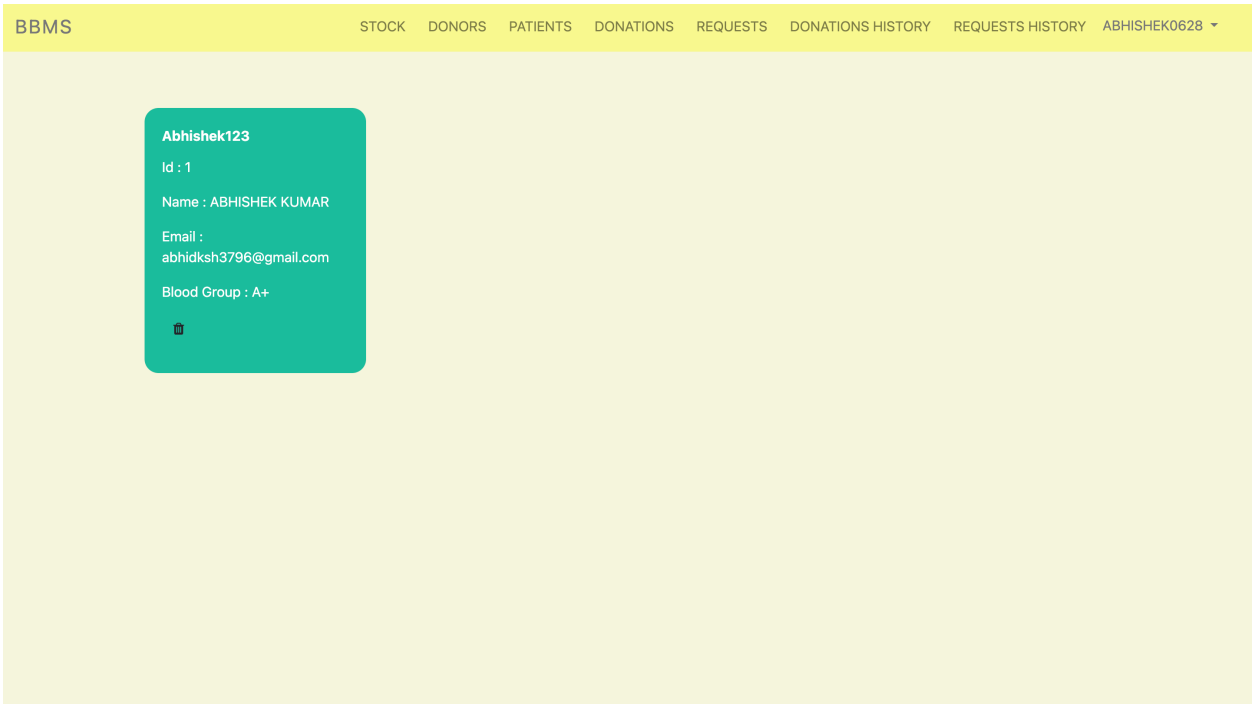
Admins can monitor the quantity of each blood type available, enabling proactive stock management. Easily update and manage blood stock to meet demand.



User Management

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

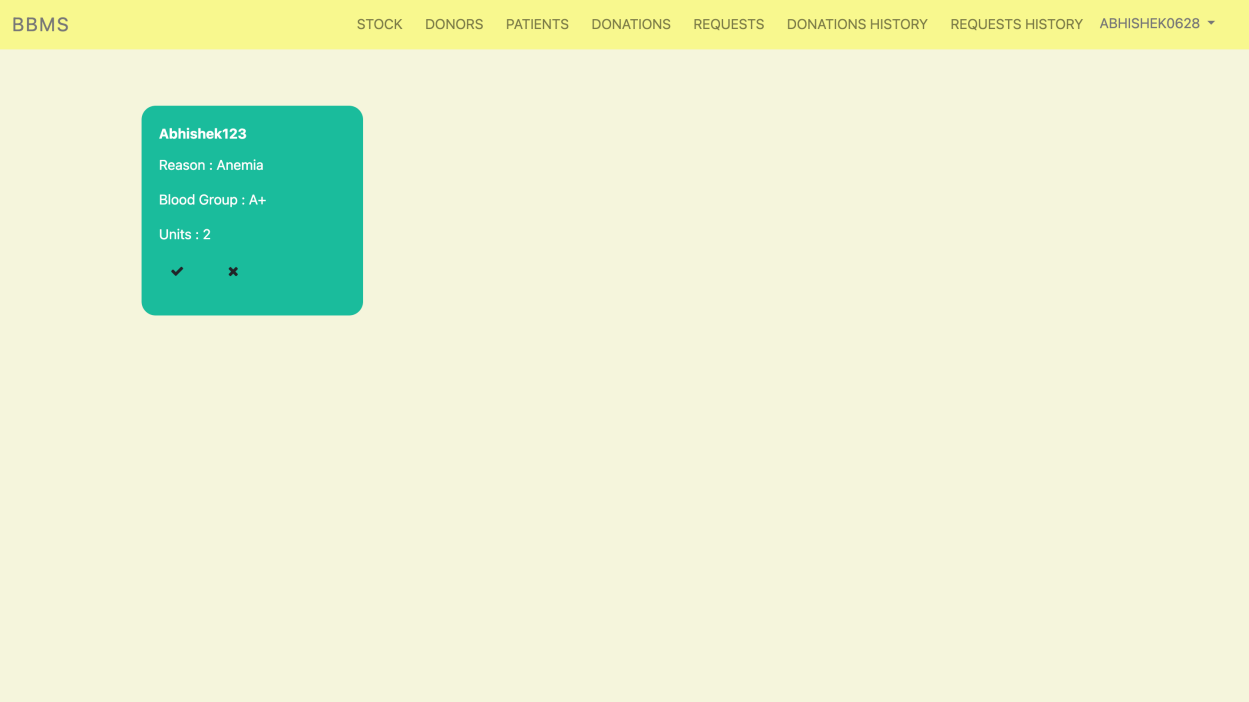




Blood Requests

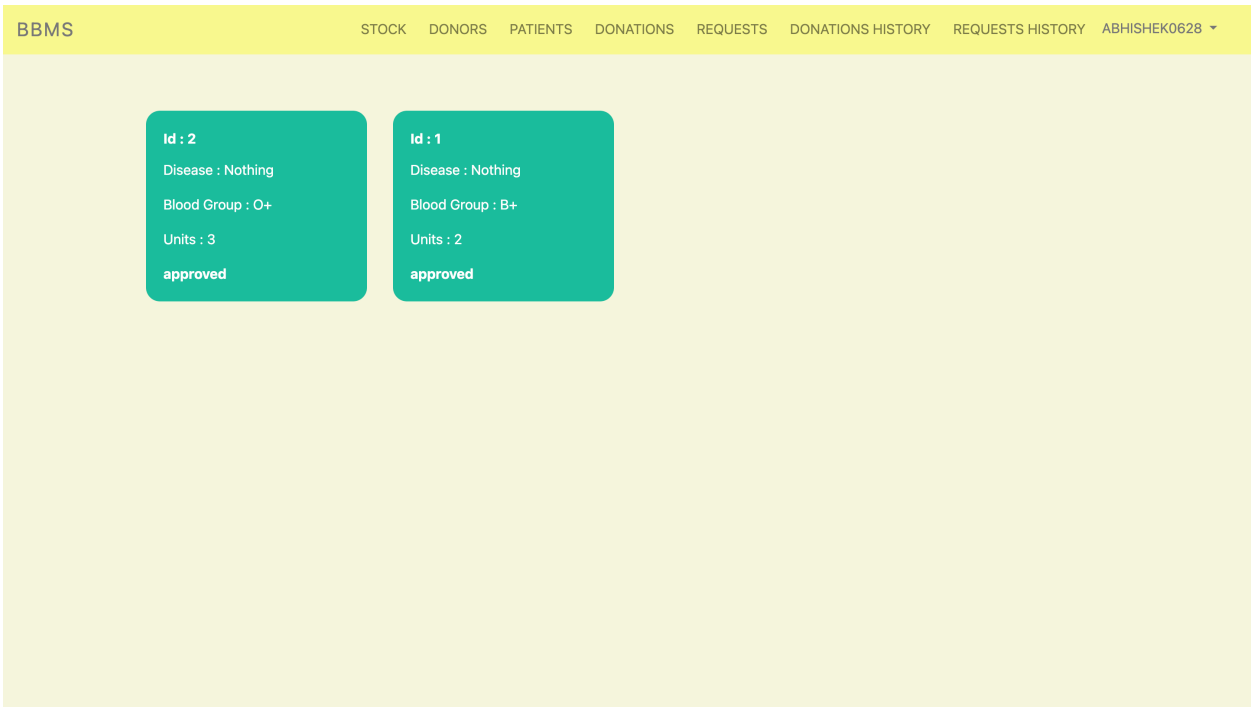
View all pending blood requests. Access specifics of each request, aiding in

efficient approval or rejection.

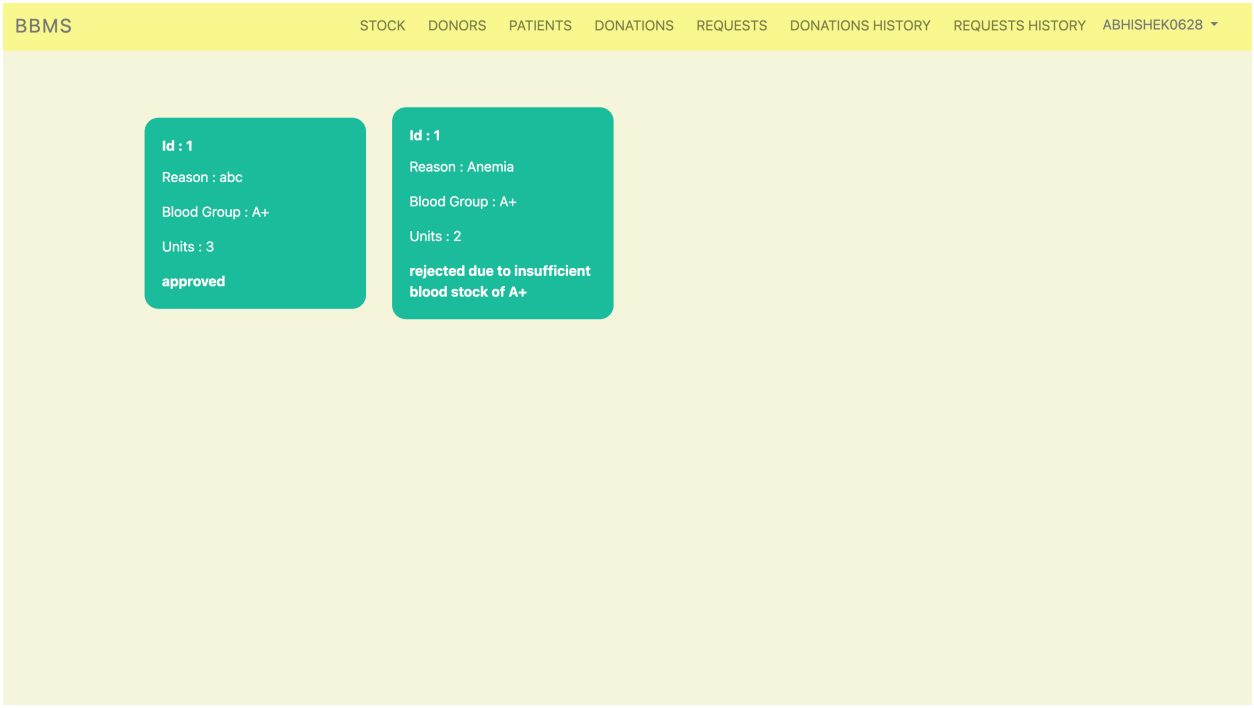


Donation and Request History

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



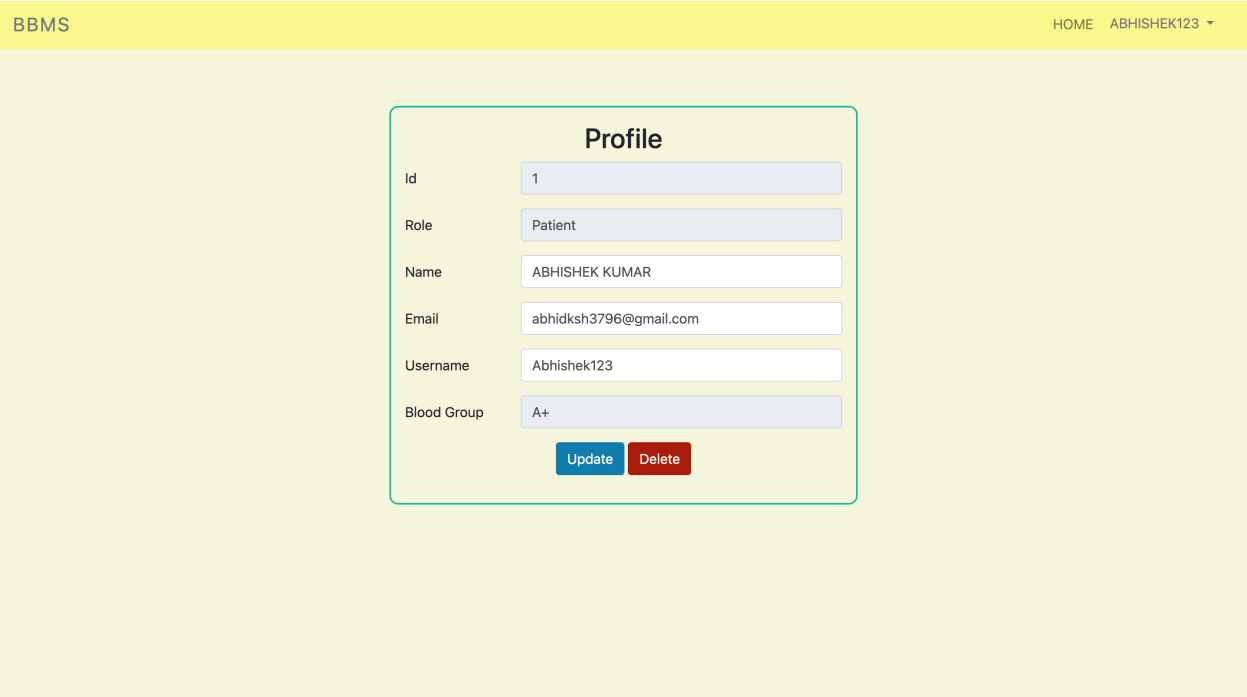
Admins can review the history of all previous blood requests, including the status and details of each request.

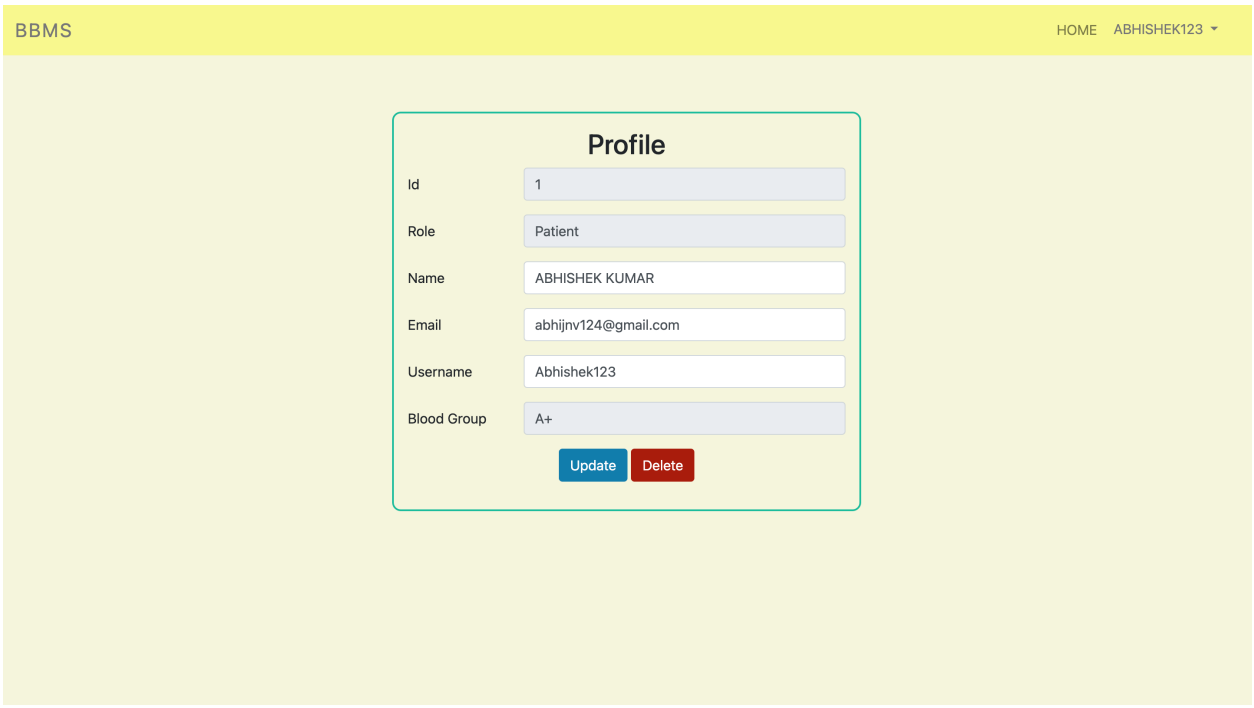


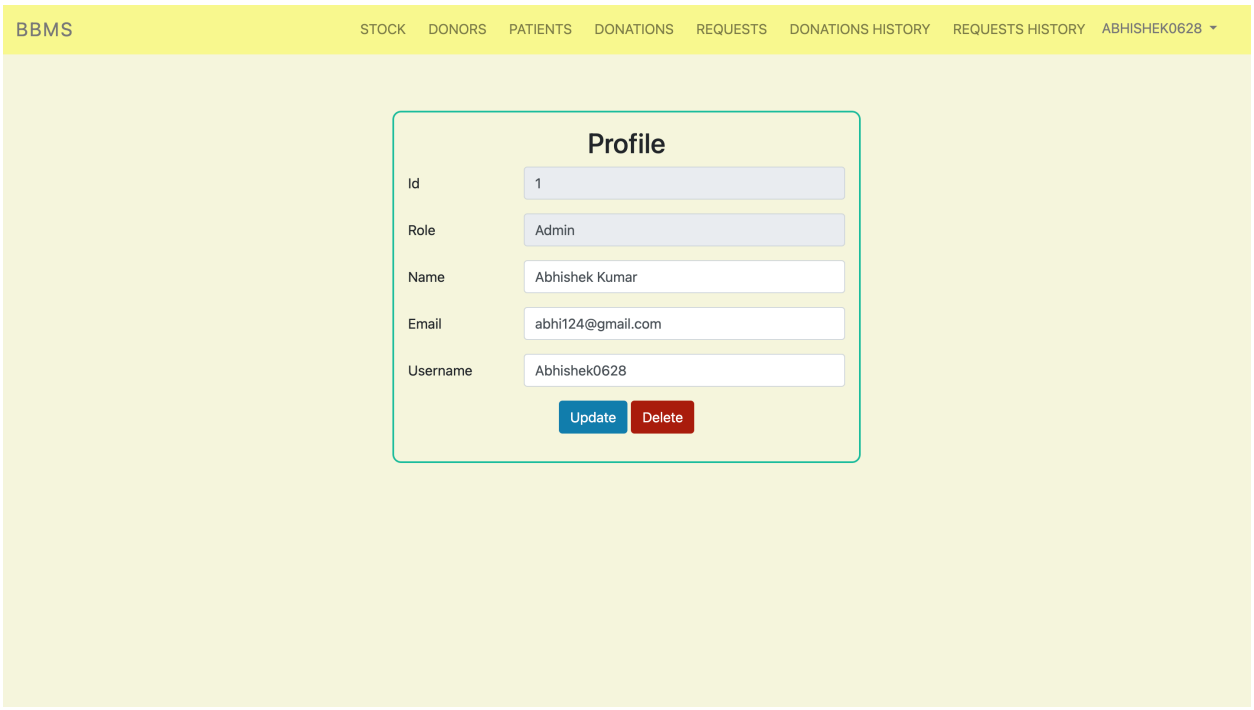
This comprehensive overview gives administrators precise control over all blood management processes, ensuring an efficient and responsive system.

Profile

View and update your personal profile information to maintain accurate and current details for seamless communication.







LogOut

To log out from BBMS, click the Logout button in the top-right corner. This will securely end your session and return you to the BBMS home page.