

Allow admin to ban a user

Task: Implement User Banning System

Time Spent: ~4-5 hours

Techniques Used:

- Role-Based Access Control (RBAC) to restrict banned users from accessing certain features.
- Database integration using MongoDB to store ban statuses.
- Middleware implementation to intercept and block requests from banned users.
- Front-end handling to display ban notifications and restrict UI elements.
- Testing and debugging through unit and integration tests.

Outcome: Successfully integrated a functional banning system that enforces access restrictions while maintaining usability.

Create teams only available for global admins

Task: Restrict Team Creation to Global Admins

Time Spent: ~3-4 hours

Techniques Used:

- Role-Based Access Control (RBAC) to ensure only global admins have team creation privileges.
- Middleware enforcement to verify user roles before processing team creation requests.
- Database validation to store and check user roles in MongoDB.
- Front-end adjustments to hide the "Create Team" option for non-admin users.
- Unit and integration testing to confirm access restrictions work correctly.

Outcome: Implemented a secure team creation system where only global admins can create teams, preventing unauthorized users from accessing this functionality.