```
// auth.js - Authentication module
export default class AuthManager {
    constructor() {
        this.authToken = null;
        this.currentUser = null;
    }

    async login(username, password) {
        try {
            const response = await fetch('/auth/login', {
                method: 'POST',
                headers: { 'Content-Type': 'application/json' },
                body: JSON.stringify({ username, password })
            });

            if (!response.ok) {
                const error = await response.json();
                throw new Error(error.detail || 'Login failed');
            }

            const data = await response.json();

            this.authToken = data.access_token;
            this.currentUser = data.user_info;
            localStorage.setItem('authToken', this.authToken);
            localStorage.setItem('currentUser', JSON.stringify(this.currentUser));

            return { success: true };
        } catch (error) {
            return { success: false, error: error.message };
        }
    }

    logout() {
        this.authToken = null;
        this.currentUser = null;
        localStorage.removeItem('authToken');
        localStorage.removeItem('currentUser');
    }

    loadStoredAuth() {
        const storedToken = localStorage.getItem('authToken');
        const storedUser = localStorage.getItem('currentUser');

        if (storedToken && storedUser) {
            this.authToken = storedToken;
            this.currentUser = JSON.parse(storedUser);
            return true;
        }
        return false;
    }
    getAuthHeaders() {
        return {
            'Authorization': `Bearer ${this.authToken}`,
            'Content-Type': 'application/json'
        };
    }
}
```