

Portfolio Showcase Project Documentation

1. Introduction

This project is a Portfolio Showcase Platform that allows users to:

- Register and log in to the system.
- Use two-factor authentication for added security.
- Browse through creative projects displayed in a carousel.
- Visualize weather data using OpenWeather API and Chart.js. The website is designed with a soft pink color theme for a pleasant and professional look.

2. Usage Guide

2.1 User Registration & Login

1. Sign-Up: Users can create an account using the registration form on the /signup page.
2. Login: Once registered, users can log in through the /login page.
3. Two-Factor Authentication: After login, users will be prompted to enter a verification code sent to their email.

2.2 Carousel for Creative Projects

- The carousel on the homepage displays featured projects with images and descriptions.
- The images are stored as 1.jpg, 2.jpg, and 3.jpg in the project's root directory.

2.3 Weather Data Visualization

- Users can select a city to view current weather data.
- Data is fetched from OpenWeather API and visualized using Chart.js.

3. API Endpoints (Node.js Backend)

3.1 Authentication Endpoints

- POST /api/register: Register a new user.
- POST /api/login: Authenticate a user and generate a JWT token.

3.2 Weather Data Endpoint

- GET /api/weather/:city: Fetch current weather data for a specified city.

Project Screenshots

Books:

Add New book

Nurdaulet Bakhtiyarov BDA-2303

Register

Username

Enter username

Email

Enter email

Password

Enter password

Role

User

Register

[Already have an account? Login](#)

Login

Username

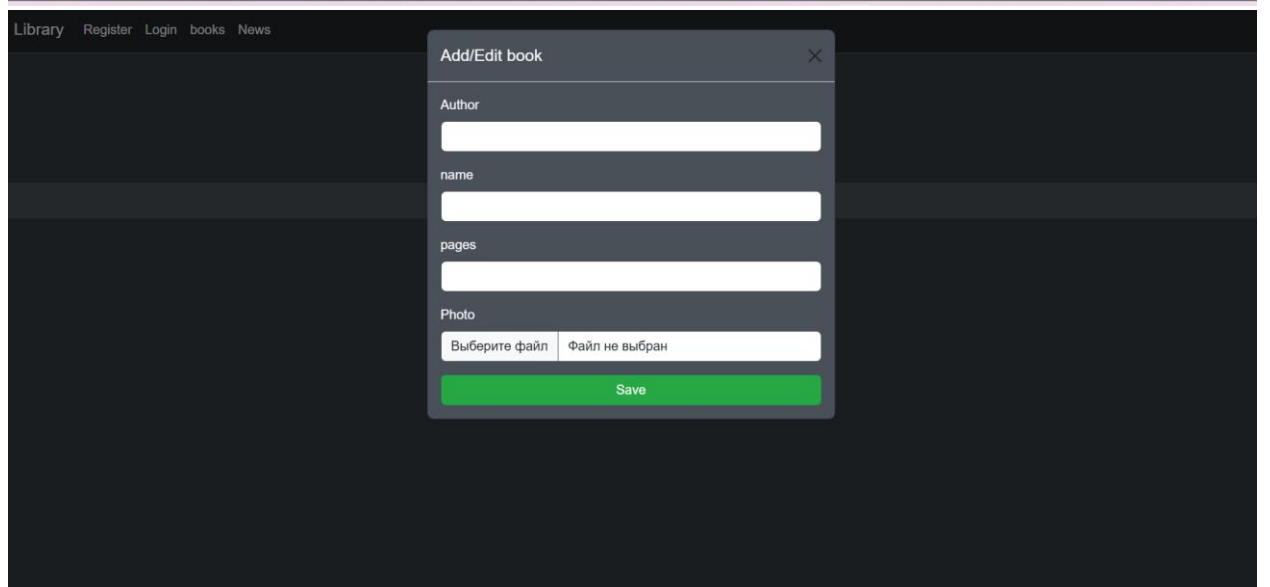
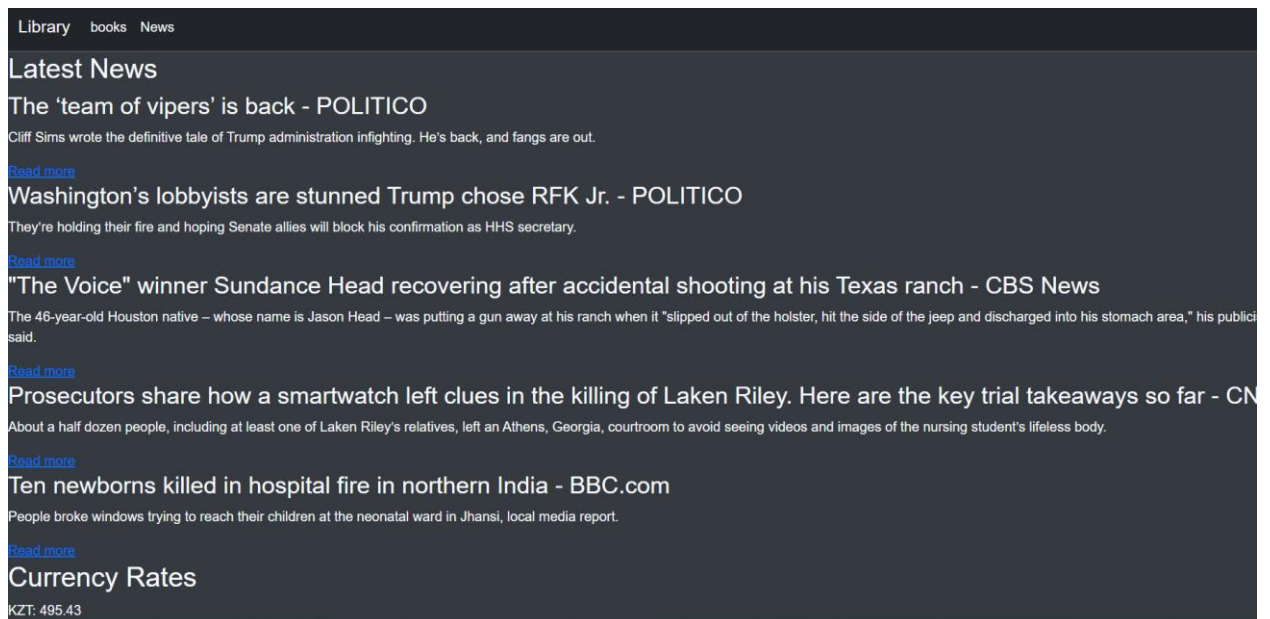
Enter username

Password

Enter password

Login

[Don't have an account? Register](#)



4.Troubleshooting

Common Issues

1. Images not loading: Ensure that 1.jpg, 2.jpg, and 3.jpg are in the correct directory.
2. API not responding: Make sure your Currency API key is valid and added to the .env file.
3. CORS error: If using a Node.js backend, ensure CORS is enabled.

5.Contact

For any questions or issues, please contact Nurdaulet Bakhtiyarov (BDA-2303) at:

- Email: 231484@astanait.edu.kz