

FIT5032 Assessed Lab 11

Deployment using Cloudflare Pages

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1 EFOLIO TASK 11.1 (PASS AND CREDIT LEVEL)

1.1 Project Deployment Link

Deployed Project URL: `https://your-project-name.pages.dev`

1.2 Cloudflare Deployment Success Screenshot

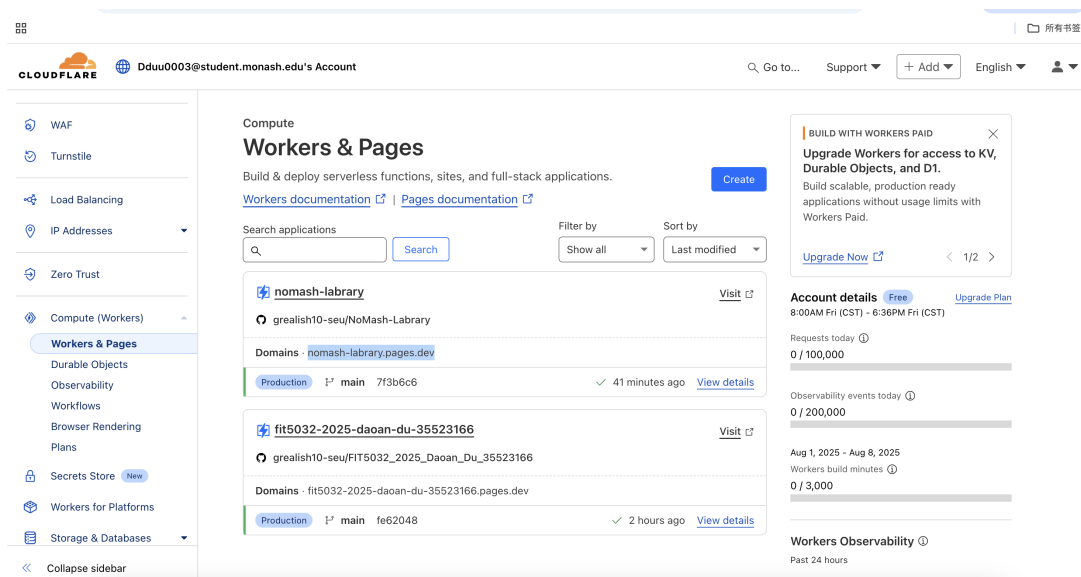


Figure 1: Cloudflare Pages deployment success page showing project name, successful deployment status, and generated domain

This screenshot demonstrates:

- Successful deployment to Cloudflare Pages
- Generated domain URL for the project
- Deployment timestamp and build information
- Cloudflare interface elements confirming the deployment

1.3 Project Homepage Screenshot

The screenshot displays the NoMash Library homepage. At the top, a blue navigation bar contains the site name 'NoMash Library' and a list of links: 'Home (Week 8)', 'About', 'Get Weather', 'Count Book API', 'Get All Book API', 'Firebase Auth', 'FireRegister', and 'Login'. Below the navigation bar, the main content area features a section titled 'W5. Library Registration Form' with a subtitle 'Let's build some more advanced features into our form.' The form includes input fields for 'Username', 'Password', and 'Reason for joining', a 'Gender' dropdown menu, a 'Confirm password' field, and a checkbox for 'Australian Resident?'. At the bottom of the form are 'Submit' and 'Clear' buttons. A footer note at the bottom left states 'This is a Primevue Datatable.'

Figure 2: Deployed NoMash Library homepage showing registration form and navigation

The homepage successfully displays:

- Library registration form
- Navigation menu with all implemented features
- Responsive design elements
- Functional user interface components

2 EFOLIO TASK 11.2 (DISTINCTION AND HIGH DISTINCTION LEVEL)

2.1 WeatherCheck Page Functionality

2.1.1 Weather Page Address Bar Screenshot

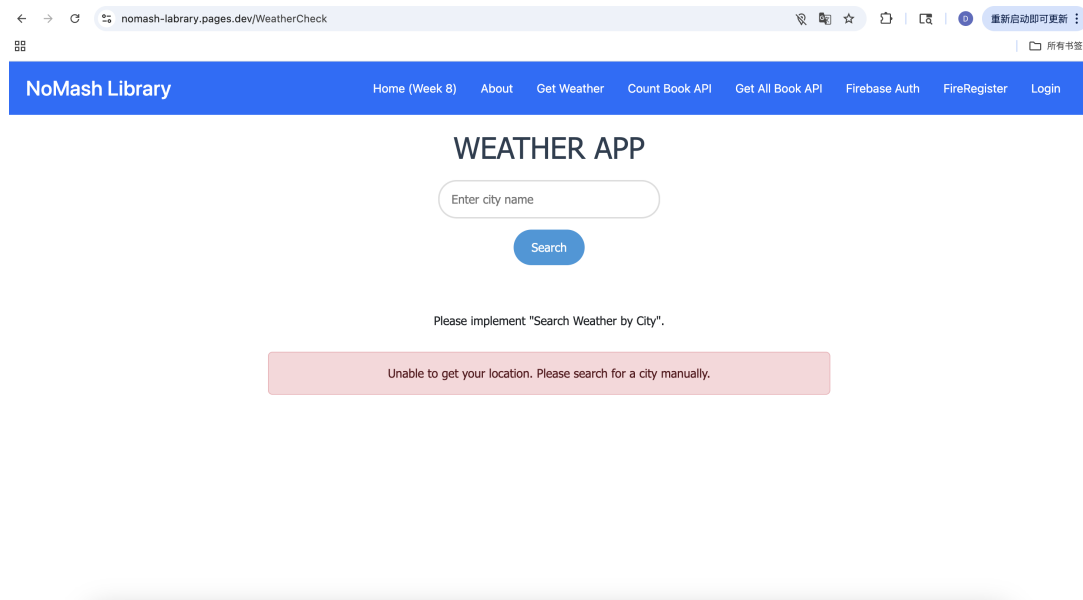


Figure 3: WeatherCheck page with address bar showing `https://your-domain.pages.dev/WeatherCheck`

This screenshot proves:

- Correct URL routing to `/WeatherCheck` page
- Page loads successfully in production environment
- Address bar clearly visible with full domain path

2.1.2 Weather Functionality Working Screenshot

Figure 4: Weather application showing search functionality and weather data display

The weather functionality demonstrates:

- Search input field accepting city names
- Search button functionality
- Weather data display (temperature, conditions, details)
- Proper integration with OpenWeatherMap API

2.1.3 Weather Search Results Screenshot

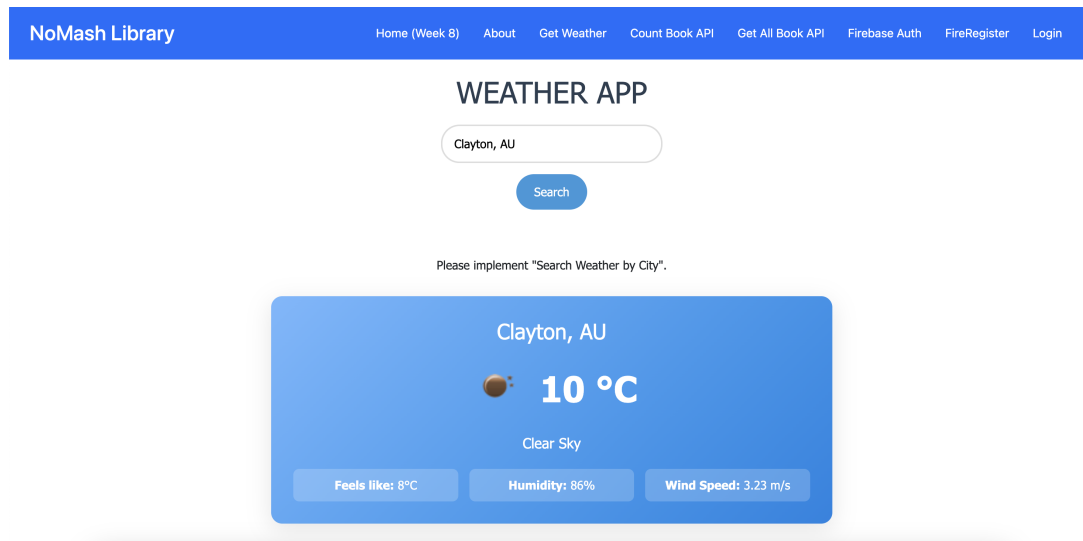


Figure 5: Successful weather search for Clayton, AU showing temperature and weather conditions

Successful search results show:

- City name: Clayton, AU
- Current temperature in Celsius
- Weather icon and description
- Additional details (feels like, humidity, wind speed)

3 Technical Implementation Summary

3.1 Deployment Configuration

The project was successfully deployed using the following configuration:

```
1 Framework Preset: Vue
2 Build Command: npm run build
3 Build Output Directory: dist
4 Production Branch: main
5 Repository: grealish10-seu/NoMash-Labrary
```

3.2 Key Features Deployed

- Vue.js single-page application
- Vue Router for navigation
- Firebase Authentication integration
- Firestore database connectivity
- External API integration (OpenWeatherMap)
- Local API services (CountBookAPI, GetAllBookAPI)
- Responsive design with Bootstrap

3.3 Post-Deployment Verification

All major functionalities verified in production:

- Homepage and navigation working
- User authentication system functional
- Weather API integration operational
- Database operations accessible
- All routes properly configured