

Technical Manual

TMGL - Traditional Medicine Global Library

Version: 1.0

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Project: Next.js Frontend Application

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Overview

The TMGL (Traditional Medicine Global Library) is a Next.js-based frontend application that consumes data from a WordPress REST API. The project is designed as an abstract TMGL-BIREME portal that can be easily populated and managed through the WordPress CMS.

Key Features

- **File-based Routing:** Next.js routing system
 - **Server-Side Rendering (SSR):** Improved SEO and performance
 - **Static Site Generation (SSG):** Pre-rendered pages for better performance
 - **API Routes:** Custom API endpoints for external integrations
 - **Multi-regional Support:** Dynamic routing for different WHO regions
 - **Multi-language Support:** Internationalization capabilities
 - **Responsive Design:** Mobile-first approach with Mantine UI
-

Technical Requirements

Runtime Environment

- **Node.js:** Version 20.11.0 or higher
- **npm:** Version 8.0.0 or higher (or yarn/bun equivalent)

Build Requirements

- **TypeScript:** Version 5.0 or higher
- **Next.js:** Version 14.2.4
- **React:** Version 18.0 or higher

Browser Support

- Chrome (latest)
 - Firefox (latest)
 - Safari (latest)
 - Edge (latest)
-

Frameworks and Libraries

Core Framework

Next.js 14.2.4

- **Purpose:** React framework for production
- **Features Used:**
 - File-based routing
 - API routes (`/pages/api`)
 - Server-side rendering
 - Static site generation
 - Image optimization
 - Middleware support

Configuration: `next.config.mjs`

```
{\n  reactStrictMode: true,\n  sassOptions: {\n    prependData: `@import "./_mantine.scss";`,\n  }\n}
```

UI Framework

Mantine 7.11.1

- **Purpose:** React components library
- **Packages Used:**
 - `@mantine/core` : Core components (Buttons, Grid, Container, etc.)
 - `@mantine/carousel` : Carousel/slider components
 - `@mantine/dates` : Date picker components
 - `@mantine/form` : Form management
 - `@mantine/hooks` : Custom React hooks
 - `@mantine/modals` : Modal dialogs

Theme Configuration: `src/styles/mantine-theme.ts`

- Custom color palette (tmgl-blue, tmgl-cyan, tmgl-red, etc.)
- Custom radius values
- Custom font family (Roboto)

React Ecosystem

React 18

- **Features Used:**
 - Functional components
 - Hooks (useState, useEffect, useContext, etc.)
 - Context API for global state

React DOM 18

- Server-side rendering support

HTTP Client

Axios 1.11.0

- **Purpose:** HTTP client for API requests
- **Usage:** All API service classes extend base API classes using Axios

State Management

React Context API

- **Global Context:** `src/contextes/globalContext.tsx`
 - Region name
 - Country name
 - Global configuration
 - Language settings

SWR 2.3.4

- **Purpose:** Data fetching and caching
- **Usage:** Client-side data fetching with automatic revalidation

Styling

SASS/SCSS 1.77.6

- **Purpose:** CSS preprocessor
- **Structure:**
 - `src/styles/custom-global.scss` : Global styles
 - `src/styles/components/*.scss` : Component-specific styles
 - `src/styles/pages/*.scss` : Page-specific styles

PostCSS 8.4.39

- **Purpose:** CSS processing
- **Plugins:**
 - `postcss-preset-mantine` : Mantine-specific PostCSS configuration
 - `postcss-simple-vars` : Variable support

Form Handling

Mantine Form 7.13.1

- **Purpose:** Form state management and validation
- **Usage:** Search forms, filter forms, newsletter subscription

Date Handling

Moment.js 2.30.1

- **Purpose:** Date manipulation and formatting
- **Usage:** Event dates, publication dates

Day.js 1.11.10

- **Purpose:** Lightweight date library (alternative to Moment)

Icons

Tabler Icons 3.16.0

- **Packages:**

- `@tabler/icons` : Icon library
- `@tabler/icons-react` : React components for icons

PDF Processing

PDF.js 3.11.174

- **Purpose:** PDF rendering in browser
- **Usage:** PDF viewer component

PDF-lib 1.17.1

- **Purpose:** PDF manipulation
- **Usage:** PDF generation and modification

PDF-poppler 0.2.1

- **Purpose:** PDF to image conversion
- **Usage:** PDF thumbnail generation

PDF2pic 3.2.0

- **Purpose:** PDF to image conversion (alternative)
- **Usage:** Server-side PDF processing

Puppeteer 24.11.2

- **Purpose:** Headless browser automation
- **Usage:** PDF generation, screenshot generation

Image Processing

Sharp 0.34.3

- **Purpose:** High-performance image processing
- **Usage:** Image optimization, resizing, format conversion

Canvas 3.1.2

- **Purpose:** Canvas API for Node.js
- **Usage:** Image manipulation server-side

Media Processing

@coveops/vimeo-thumbnail 1.0.2

- **Purpose:** Vimeo video thumbnail extraction
- **Usage:** Video thumbnail generation

Carousel/Slider

Embla Carousel 7.1.0

- **Purpose:** Carousel component
- **Usage:** Image sliders, content carousels

React Slick 0.30.2

- **Purpose:** Carousel component (alternative)
- **Usage:** Content sliders

Slick Carousel 1.8.1

- **Purpose:** CSS for Slick carousel

React Slideshow Image 4.3.1

- **Purpose:** Image slideshow component

React Background Slider 4.0.0-next.3

- **Purpose:** Background image slider

Data Visualization

@stoddabr/react-tableau-embed-live 0.3.29

- **Purpose:** Tableau visualization embedding
- **Usage:** Evidence maps, data visualizations

Analytics

React Hotjar 6.3.1

- **Purpose:** User behavior analytics
- **Usage:** Heatmaps, session recordings

Utilities

Crypto-js 4.2.0

- **Purpose:** Cryptographic functions
- **Usage:** API key encryption/decryption

HE 1.2.0

- **Purpose:** HTML entity encoding/decoding
- **Usage:** Content sanitization

JS-Cookie 3.0.5

- **Purpose:** Cookie management
- **Usage:** Language preferences, user settings

Spark MD5 3.0.2

- **Purpose:** MD5 hashing
- **Usage:** File hashing, cache keys

XML2JS 0.6.2

- **Purpose:** XML to JavaScript object conversion
- **Usage:** RSS feed parsing

RSS Parser 3.13.0

- **Purpose:** RSS feed parsing
- **Usage:** News feeds, content aggregation

Node-fetch 3.3.2

- **Purpose:** HTTP client for Node.js
- **Usage:** Server-side API requests

Validation

Zod 4.0.10

- **Purpose:** Schema validation
- **Usage:** API response validation, form validation

Type Definitions

All TypeScript type definitions are located in:

- `src/services/types/*.ts` : Service type definitions
 - `src/types/@types/*.ts` : Third-party library type definitions
-

Project Architecture

Architecture Pattern

The project follows a **layered architecture** pattern:

1. **Presentation Layer:** React components (`src/components/`)
2. **Page Layer:** Next.js pages (`src/pages/`)
3. **Service Layer:** API services (`src/services/`)
4. **Data Layer:** Type definitions and DTOs (`src/services/types/`)

Data Flow

```
WordPress REST API
  ↓
BaseUnauthenticatedApi (Axios instance)
  ↓
Service Classes (PostsApi, LissService, etc.)
  ↓
React Components
  ↓
UI Rendering
```

State Management Flow

```
GlobalContext (React Context)
  ↓
GlobalConfigLoader (Initial data fetch)
  ↓
Component Consumption (useContext)
  ↓
Local State (useState) for component-specific data
```

Project Structure

```
src/
├── components/          # Reusable React components
|   ├── breadcrumbs/    # Breadcrumb navigation
|   ├── cards/           # Card components
|   ├── categories/      # Category components
|   ├── embed/            # Embed components (iframes)
|   ├── feed/             # Feed/list components
|   ├── forms/            # Form components
|   ├── gpt/              # GPT widget
|   ├── layout/           # Layout components (header, footer)
|   ├── multitab/         # Multi-tab components
|   ├── pdfview/          # PDF viewer
|   ├── rss/              # RSS feed components
|   ├── sections/         # Page sections
|   ├── share/             # Social sharing
|   ├── slider/            # Slider components
|   ├── video/             # Video components
|   └── videos/            # Video gallery
├── contexts/            # React Context providers
|   ├── globalContext.tsx
|   └── GlobalConfigLoader.tsx
├── data/                # Static data
|   └── countries.ts
├── helpers/              # Utility functions
|   ├── colors.ts
|   ├── crypto.ts
|   ├── regions.ts
|   └── stringhelper.ts
├── middleware.ts          # Next.js middleware
└── pages/                # Next.js pages (routes)
    ├── api/                 # API routes
    ├── [region]/            # Dynamic regional routes
    └── ...                  # Other pages
├── services/              # API service classes
    ├── apiRepositories/    # External API services
    ├── globalConfig/        # Global config service
    └── mailchimp/           # MailChimp service
```

```
|   └── media/          # Media service
|   └── menus/          # Menu service
|   └── pages/          # Pages service
|   └── posts/          # Posts service
|   └── rss/            # RSS service
|   └── settings/       # Settings service
|   └── taxonomies/     # Taxonomies service
|   └── types/          # Type definitions
└── styles/           # Stylesheets
    ├── components/    # Component styles
    ├── pages/          # Page styles
    ├── custom-global.scss
    └── mantine-theme.ts
└── types/            # TypeScript type definitions
    └── @types/         # Third-party types
```

Component Architecture

Component Creation Pattern

Components follow a consistent pattern:

1. **Functional Components:** All components are functional React components
2. **TypeScript:** Strong typing with interfaces and types
3. **Props Interface:** Defined props interface for each component
4. **Hooks Usage:** useState, useEffect, useContext for state and side effects
5. **Styling:** SCSS modules for component-specific styles

Example Component Structure

```
import { useState, useEffect, useContext } from 'react';
import { GlobalContext } from '@/contexts/globalContext';
import styles from './component.module.scss';

interface ComponentProps {
  title: string;
  data?: any[];
}

export const Component = ({ title, data }: ComponentProps) => {
  const { globalConfig } = useContext(GlobalContext);
  const [state, setState] = useState<string>('');

  useEffect(() => {
    // Side effects
  }, []);

  return (
    <div className={styles.component}>
      {/* Component JSX */}
    </div>
  );
}
```

Component Categories

1. Layout Components

- **Location:** `src/components/layout/`
- **Components:**
 - `HeaderLayout` : Site header with navigation
 - `FooterLayout` : Site footer with links
- **Behavior:**
 - Load menus from WordPress API
 - Handle responsive navigation
 - Manage mega menu state

2. Feed Components

- **Location:** `src/components/feed/`
- **Components:**
 - `NewsFeed` : News listing
 - `EventsFeed` : Events listing
 - `JournalsFeed` : Journals listing
 - `MultimediaFeed` : Multimedia listing
 - `StoriesFeed` : Stories listing
 - `DimensionsFeed` : Dimensions listing

- **Behavior:**

- Fetch data from WordPress API
- Handle pagination
- Apply filters (country, region, thematic area)
- Support grid/list view toggle

3. Section Components

- **Location:** `src/components/sections/`
- **Components:**
 - `HeroSection` : Hero banner with slider
 - `NewsSection` : News preview section
 - `EventsSection` : Events preview section
 - `StoriesSection` : Stories preview section
 - `DimensionsSection` : Dimensions display
- **Behavior:**
 - Display preview content
 - Link to full listing pages
 - Handle carousel/slider functionality

4. Form Components

- **Location:** `src/components/forms/`
- **Components:**
 - `SearchForm` : Global search form
 - `FiltersForm` : Filter form for listings
- **Behavior:**
 - Handle form submission
 - Manage form state
 - Apply filters to data

5. Utility Components

- **Location:** Various
- **Components:**
 - `BreadCrumbs` : Navigation breadcrumbs
 - `ShareModal` : Social sharing modal
 - `PdfView` : PDF viewer
 - `Video` : Video player
 - `GptWidget` : GPT chat widget

Component Communication

1. **Props:** Parent to child communication
 2. **Context:** Global state sharing (`GlobalContext`)
 3. **Callbacks:** Child to parent communication
 4. **Events:** DOM events for user interactions
-

External Integrations

WordPress REST API

Integration Type

- **Protocol:** REST API
- **Authentication:** None (public API)
- **Base URL:** `WP_BASE_URL` environment variable

Endpoints Used

- `/wp-json/wp/v2/posts` : Blog posts
- `/wp-json/wp/v2/pages` : Static pages
- `/wp-json/wp/v2/media` : Media files
- `/wp-json/wp/v2/categories` : Categories
- `/wp-json/wp/v2/tags` : Tags
- `/wp-json/wp/v2/taxonomies` : Custom taxonomies
- `/wp-json/wp/v2/menus` : Navigation menus

Data Flow



MailChimp

Integration Type

- **Protocol:** REST API
- **Authentication:** API Key
- **Service:** `src/services/mailchimp/MailChimpService.ts`

Configuration

- `MAILCHIMP_API_KEY` : API key
- `MAILCHIMP_LIST_ID` : List ID
- `MAILCHIMP_DATA_CENTER` : Data center

Usage

- Newsletter subscription
- Email list management

BVSALUD/DIREVE

Integration Type

- **Protocol:** REST API
- **Authentication:** API Key (encrypted)
- **Service:** `src/services/apiRepositories/DireveService.ts`
- **API Route:** `src/pages/api/direve.ts`

Configuration

- `DIREV_API_KEY` : Encrypted API key
- `DIREV_API_URL` : API base URL
- `BVSALUD_URL` : Alternative URL

Usage

- Bibliographic search
- Event data retrieval

LIS (Library Information System)

Integration Type

- **Protocol:** REST API
- **Authentication:** API Key
- **Service:** `src/services/apiRepositories/LisService.ts`
- **API Route:** `src/pages/api/lis.ts`

Configuration

- `LIS_API_URL`: API base URL

Usage

- Database and repository listings
- Bibliographic resources

Evidence Maps API

Integration Type

- **Protocol:** REST API
- **Authentication:** API Key
- **Service:** `src/services/apiRepositories/EvidenceMapsService.ts`
- **API Route:** `src/pages/api/evidencemaps.ts`

Usage

- Evidence maps data
- Research evidence visualization

Journals API

Integration Type

- **Protocol:** REST API
- **Service:** `src/services/apiRepositories/JournalsService.ts`
- **API Route:** `src/pages/api/journals.ts`

Configuration

- `JOURNALS_API_URL` : API base URL

Usage

- Scientific journals listing
- Journal metadata

Multimedia API

Integration Type

- **Protocol:** REST API
- **Service:** `src/services/apiRepositories/MultimediaService.ts`
- **API Route:** `src/pages/api/multimedia.ts`

Configuration

- `MULTIMEDIA_API_URL` : API base URL

Usage

- Video and image content
- Multimedia metadata

RSS Feeds

Integration Type

- **Protocol:** RSS/XML
- **Service:** `src/services/rss/RssService.ts`
- **API Route:** `src/pages/api/rssfeed.ts`

Configuration

- `RSS_FEED_URL` : RSS feed URL

Usage

- News aggregation
- Content syndication

Tableau

Integration Type

- **Library:** `@stoddabr/react-tableau-embed-live`
 - **Usage:** Embedded Tableau visualizations
 - **Components:** Evidence maps, data dashboards
-

API Services

Base Service Class

BaseUnauthenticatedApi

- **Location:** `src/services/BaseUnauthenticatedApi.ts`
- **Purpose:** Base class for all WordPress API services
- **Features:**
 - Axios instance creation
 - Language handling (cookie-based)
 - Region support
 - Featured media extraction
 - Image URL formatting

Key Methods:

- `findFeaturedMedia(post, size)` : Extract featured image URL
- Constructor: Initialize Axios instance with base URL

WordPress Services

PostsApi

- **Location:** `src/services/posts/PostsApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - `getCustomPost()` : Get custom post types
 - `listPosts()` : List posts with pagination
 - `getPost()` : Get single post by slug
 - `getPostById()` : Get post by ID
 - `getTaxonomies()` : Get taxonomies
 - `formatTags()` : Format post tags
 - `getFeaturedImageById()` : Get featured image

PagesApi

- **Location:** `src/services/pages/PagesApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - `getPageProperties()` : Get page ACF properties

MenusApi

- **Location:** `src/services/menus/MenusApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - `getMenu()` : Get menu by slug

TaxonomiesApi

- **Location:** `src/services/taxonomies/TaxonomiesApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - `getTaxonomies()` : Get taxonomies
 - `getTaxonomyTerms()` : Get taxonomy terms

MediaApi

- **Location:** `src/services/media/MediaApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - Media file operations

SettingsApi

- **Location:** `src/services/settings/SettingsApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - WordPress settings retrieval

Global Config Service

GlobalConfigApi

- **Location:** `src/services/globalConfig/GlobalConfigApi.ts`
- **Extends:** `BaseUnauthenticatedApi`
- **Methods:**
 - `getGlobalConfig()` : Get global configuration
- **Validation:** Uses Zod schema (`GlobalConfigZodSchema.ts`)

External API Services

LisService

- **Location:** `src/services/apiRepositories/LisService.ts`
- **Methods:**
 - `getResources()` : Get LIS resources
 - `getItem()` : Get single resource

DireveService

- **Location:** `src/services/apiRepositories/DireveService.ts`
- **Methods:**
 - Bibliographic search
 - Event data retrieval

EvidenceMapsService

- **Location:** `src/services/apiRepositories/EvidenceMapsService.ts`
- **Methods:**
 - Evidence maps data retrieval

JournalsService

- **Location:** `src/services/apiRepositories/JournalsService.ts`
- **Methods:**
 - Journals data retrieval

MultimediaService

- **Location:** `src/services/apiRepositories/MultimediaService.ts`
- **Methods:**
 - Multimedia data retrieval

RegulationAndPolicesService

- **Location:** `src/services/apiRepositories/RegulationAndPolices.ts`
- **Methods:**
 - Regulations and policies data

GlobalSummitService

- **Location:** `src/services/apiRepositories/GlobalSummitService.ts`
- **Methods:**
 - Global Summit data

MailChimp Service

MailChimpService

- **Location:** `src/services/mailchimp/MailChimpService.ts`

- **Methods:**

- `subscribe()` : Subscribe user to newsletter

RSS Service

RssService

- **Location:** `src/services/rss/RssService.ts`

- **Methods:**

- `FetchRSSFeed()` : Fetch and parse RSS feed

Data Models

Type Definitions

All type definitions are located in `src/services/types/` :

Post Types

- `posts.dto.ts` : Post data structure
- `pages.dto.ts` : Page data structure

Custom Post Types

- `eventsDto.ts` : Events
- `featuredStoriesAcf.ts` : Featured stories
- `journalsDto.ts` : Journals
- `multimediaTypes.ts` : Multimedia
- `legislationsDto.ts` : Legislations
- `regulationsAndPolices.ts` : Regulations

API Response Types

- `evidenceMapsDto.ts` : Evidence maps
- `direveTypes.ts` : DIREVE API
- `repositoryTypes.ts` : Repository API
- `rssFeedTypes.ts` : RSS feeds

Configuration Types

- `globalAcf.ts` : Global configuration
- `homeAcf.dto.ts` : Homepage configuration
- `menus.dto.ts` : Menu structure
- `taxonomies.dto.ts` : Taxonomies

Resource Types

- `resources.ts` : Generic resources
- `defaultResource.ts` : Default resource structure

Data Flow Models

WordPress Post Model

```
interface Post {  
  id: number;  
  title: { rendered: string };  
  content: { rendered: string };  
  excerpt: { rendered: string };  
  slug: string;  
  date: string;  
  acf: any; // Advanced Custom Fields  
  _embedded: {  
    'wp:featuredmedia': Media[];  
    'wp:term': Term[][];  
  };  
}
```

Filter Model

```
interface queryType {  
  parameter: string;  
  query: string;  
}
```

Tag Model

```
interface TagItem {  
  name: string;  
  type: 'country' | 'region' | 'descriptor';  
}
```

Configuration

Environment Variables

All environment variables are configured in `next.config.mjs`:

WordPress Configuration

- `WP_BASE_URL` : WordPress REST API base URL
- `BASE_URL` : Application base URL
- `NEXT_PUBLIC_BASE_URL` : Public base URL
- `NEXT_PUBLIC_API_BASE_URL` : Public API base URL

Content Configuration

- `POSTSPERPAGE` : Default posts per page
- `BASE_SEARCH_URL` : Search base URL

External APIs

- `DIREV_API_KEY` : DIREVE API key (encrypted)
- `DIREV_API_URL` : DIREVE API URL
- `LIS_API_URL` : LIS API URL
- `JOURNALS_API_URL` : Journals API URL
- `MULTIMEDIA_API_URL` : Multimedia API URL
- `BVSALUD_URL` : BVSALUD URL
- `BVSALUD_API_KEY` : BVSALUD API key

MailChimp

- `MAILCHIMP_API_KEY` : MailChimp API key
- `MAILCHIMP_LIST_ID` : MailChimp list ID
- `MAILCHIMP_DATA_CENTER` : MailChimp data center

RSS

- `RSS_FEED_URL` : RSS feed URL

Security

- `SECRET` : Application secret key

Other

- `FIADMIN_URL` : FI Admin URL

TypeScript Configuration

File: `tsconfig.json`

Key Settings:

- Target: ES2017
- Module: ESNext
- JSX: Preserve
- Strict mode: Enabled
- Path aliases:
 - `@/* → ./src/*`
 - `@styles/* → ./src/styles/*`
 - `@components/* → ./src/components/*`
 - `@contexts/* → ./src getContexts/*`

Next.js Configuration

File: `next.config.mjs`

Key Settings:

- React Strict Mode: Enabled
- SASS options: Mantine SCSS import
- Environment variables: All exposed variables

Mantine Theme Configuration

File: `src/styles/mantine-theme.ts`

Customizations:

- Color palette: TMGL brand colors
- Font family: Roboto
- Border radius: Custom values
- Primary color: tmgl-blue

Build and Deployment

Development

```
npm run dev
```

Starts development server on `http://localhost:3000`

Build

```
npm run build
```

Creates optimized production build in `.next/` directory

Start Production Server

```
npm start
```

Starts production server (requires build first)

Linting

```
npm run lint
```

Runs ESLint for code quality checks

Build Process

1. **Type Checking:** TypeScript compilation
2. **Code Optimization:** Next.js optimization
3. **Static Generation:** Pre-rendering static pages
4. **Bundle Optimization:** Code splitting and tree shaking
5. **Asset Optimization:** Image and font optimization

Deployment Considerations

1. **Environment Variables:** Must be set in deployment environment
2. **Node.js Version:** Must match required version (20.11.0+)
3. **Build Time:** Consider build time for large applications
4. **Static Assets:** Ensure static assets are properly served
5. **API Routes:** Server-side API routes require Node.js runtime

Development Guidelines

Code Style

1. **TypeScript:** Use TypeScript for all new code
2. **Functional Components:** Prefer functional components over class components
3. **Hooks:** Use React hooks for state and side effects
4. **Naming Conventions:**
 - Components: PascalCase
 - Files: camelCase for utilities, PascalCase for components
 - Constants: UPPER_SNAKE_CASE

Component Guidelines

1. **Single Responsibility:** Each component should have a single responsibility
2. **Props Interface:** Always define props interface
3. **Error Handling:** Implement proper error handling
4. **Loading States:** Show loading states during data fetching
5. **Accessibility:** Follow WCAG guidelines

API Service Guidelines

1. **Extend Base Class:** All WordPress services should extend `BaseUnauthenticatedApi`
2. **Error Handling:** Implement try-catch blocks
3. **Type Safety:** Use TypeScript interfaces for API responses
4. **Caching:** Consider caching strategies for frequently accessed data

Styling Guidelines

1. **SCSS Modules:** Use SCSS modules for component styles
2. **Mantine Components:** Prefer Mantine components over custom CSS
3. **Responsive Design:** Mobile-first approach
4. **Theme Colors:** Use theme colors from `mantine-theme.ts`

Testing Considerations

1. **Component Testing:** Test component rendering and interactions
 2. **API Testing:** Test API service methods
 3. **Integration Testing:** Test component integration
 4. **E2E Testing:** Consider end-to-end testing for critical flows
-

Additional Resources

Documentation Links

- [Next.js Documentation](#)
- [Mantine Documentation](#)
- [WordPress REST API](#)
- [React Documentation](#)
- [TypeScript Documentation](#)

Project-Specific Documentation

- Technical Site Map: See [Technical Site Map.pdf](#)
 - Component Documentation: See component files in `src/components/`
 - API Documentation: See service files in `src/services/`
-

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