# Mkorean WWN Clone - Detailed Documentation

## Overview

This project is a comprehensive UI clone of the Mkorean WWN trading platform website. It replicates the design, layout, and interactive elements of the original site using modern web technologies. The clone includes all major pages and components, providing a complete user interface experience without the actual backend functionality.

## Project Structure

```

mkorean-wwn-clone/

├── public/

├── src/

│ ├── app/

│ │ ├── bot/

│ │ │ └── page.tsx # Bot management page

│ │ ├── dashboard/

│ │ │ └── page.tsx # Dashboard page

│ │ ├── login/

│ │ │ └── page.tsx # Login page

│ │ ├── signup/

│ │ │ └── page.tsx # Signup page

│ │ ├── client-page.tsx # Client-side main component

│ │ ├── globals.css # Global styles

│ │ ├── layout.tsx # Root layout

│ │ └── page.tsx # Home page (redirects to client page)

│ ├── components/

│ │ ├── BotOptions.tsx # Bot creation/loading options

│ │ ├── BotStats.tsx # Bot performance statistics

│ │ ├── BotStatus.tsx # Bot running status indicator

│ │ ├── BotTabs.tsx # Navigation tabs for bot pages

│ │ ├── Header.tsx # Site header with logo and auth links

│ │ ├── Navigation.tsx # Main site navigation

│ │ ├── RiskDisclaimer.tsx # Risk warning banner

│ │ ├── RunStats.tsx # Bot run statistics

│ │ └── TourModal.tsx # Onboarding tour modal

└── package.json # Project dependencies

```

## Features

### 1. Core Pages

- \*\*Home/Bot Page\*\*: Central hub showing bot options and statistics

- \*\*Dashboard\*\*: Overview with account summary and quick action buttons

- \*\*Login\*\*: User authentication form with validation

- \*\*Signup\*\*: New account registration with terms acceptance

### 2. Components

- \*\*Header\*\*: Navigation header with branding and authentication links

- \*\*Navigation Bar\*\*: Primary site navigation with active tab highlighting

- \*\*Bot Management Interface\*\*: Complete interface for bot creation/management

- \*\*Tour Modal\*\*: Interactive onboarding tour for new users

- \*\*Statistics Panels\*\*: Various statistics displays for bot performance

### 3. UI Elements

- \*\*Custom Buttons\*\*: Styled action buttons with hover effects

- \*\*Form Elements\*\*: Styled inputs, checkboxes, and validation

- \*\*SVG Icons\*\*: Custom SVG icons matching the original design

- \*\*Interactive Elements\*\*: Buttons, tabs, and links with appropriate hover states

## Technical Implementation

### Frontend Framework

- \*\*Next.js 15\*\*: For server-side rendering and routing

- \*\*React 18\*\*: Component-based UI development

- \*\*TypeScript\*\*: Type-safe JavaScript for improved developer experience

### Styling

- \*\*Tailwind CSS\*\*: Utility-first CSS framework for styling

- \*\*Custom CSS Variables\*\*: For consistent theming and color scheme

- \*\*IBM Plex Sans Font\*\*: Matching the original site's typography

### Component Architecture

- \*\*Client Components\*\*: Interactive components with "use client" directive

- \*\*Server Components\*\*: Static components rendered on the server

- \*\*Composite Pattern\*\*: Complex UI built from smaller, reusable components

### Responsive Design

- Mobile-friendly layout adjustments

- Responsive grid for dashboard elements

- Flexible container widths for different screen sizes

## Color Scheme

The application uses a carefully selected color palette to match the original site:

```css

--background: #fafafa; /\* Light background \*/

--foreground: #222121; /\* Text color \*/

--primary: #4e1522; /\* Primary brand color (burgundy) \*/

--primary-dark: #2e1219; /\* Darker shade for active states \*/

--secondary: #accdca; /\* Secondary color (mint green) \*/

--accent: #765c17; /\* Accent color (gold) \*/

--muted: #686466; /\* Muted text \*/

--border: #8c8c8c; /\* Border color \*/

```

## Interactive Elements

### Tour Modal

- Multi-step guided tour for new users

- Next/Previous navigation between steps

- Skip option to bypass the tour

### Bot Options

- Visual selection for different bot types

- Icon-based visual representation

- Hover effects for better user experience

### Navigation System

- Primary navigation bar with active state highlighting

- Secondary tabbed navigation for bot management

- Breadcrumb-style navigation for deep pages

## Installation and Usage

1. \*\*Clone the Repository\*\*

```bash

git clone [repository-url]

cd mkorean-wwn-clone

```

2. \*\*Install Dependencies\*\*

```bash

bun install

```

3. \*\*Run Development Server\*\*

```bash

bun run dev

```

4. \*\*Build for Production\*\*

```bash

bun run build

```

5. \*\*Start Production Server\*\*

```bash

bun run start

```

## Browser Compatibility

- \*\*Chrome\*\*: Full support (latest 2 versions)

- \*\*Firefox\*\*: Full support (latest 2 versions)

- \*\*Safari\*\*: Full support (latest 2 versions)

- \*\*Edge\*\*: Full support (latest 2 versions)

## Performance Considerations

- IBM Plex Sans font is loaded from Google Fonts with proper subsetting

- SVG icons used instead of icon fonts for better performance

- Client-side components properly segregated for optimal hydration

- Responsive images with proper sizing

## Future Enhancements

Potential areas for future improvement:

1. \*\*Backend Integration\*\*: Connect UI to actual trading API

2. \*\*Authentication\*\*: Implement real authentication flow

3. \*\*Real-time Data\*\*: Add WebSocket connection for live market data

4. \*\*Bot Editor\*\*: Implement the visual bot creation interface

5. \*\*Charts\*\*: Implement interactive trading charts

6. \*\*Dark Mode\*\*: Add theme toggle with dark mode support

7. \*\*Localization\*\*: Add multi-language support

## Versioning History

\*\*Version 1.0\*\* - Initial Clone

- Created complete UI clone of Mkorean WWN website

- Implemented responsive layout with Tailwind CSS

- Added all main pages: Dashboard, Bot, Login, Signup

- Created reusable components for consistent design

- Added interactive elements like modals and navigation

\*\*Version 2.0\*\* - Component Fixes

- Added 'use client' directive to all interactive components

- Fixed client-side rendering issues

- Improved component organization

- Ensured proper functioning of interactive elements

## License

This project is for educational purposes only. The original design and branding belong to Mkorean WWN.

## Disclaimer

This is a UI clone created for educational purposes and portfolio demonstration. It is not affiliated with the original Mkorean WWN platform. No actual trading functionality is implemented.