

TradeJournal UI/UX Design Document

UI/UX Design Document: TradeJournal MVP

- **Product Name:** TradeJournal
 - **Version:** 1.0
 - **Status:** Draft
 - **Date:** August 9, 2025
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1. UX Principles & Design Philosophy

The user experience will be guided by four core principles:

1. **Clarity over Clutter:** The primary goal is to present complex data in a simple, digestible way. We will prioritize information hierarchy and use generous white space to avoid overwhelming the user.
2. **Data-First:** The most critical performance metrics are the heroes of the application. They should be immediately visible and understandable.
3. **Efficiency:** The core user flow of logging a trade must be fast and frictionless, requiring minimal clicks and cognitive load.
4. **Consistency:** A consistent design language (colors, fonts, components) will be used throughout the application to create a predictable and trustworthy user experience.

2. Branding & Style Guide (High-Level)

- **Theme:** A professional, modern "dark mode" theme will be the default, as it's preferred by most traders and reduces eye strain during long sessions.
- **Color Palette:**
 - **Primary Background:** Charcoal Gray (#1A1A1D)
 - **Secondary Background (Cards/Modals):** Dark Slate (#2C2C34)
 - **Primary Accent (Buttons/Links):** Professional Blue (#4A90E2)
 - **Text (Primary):** Off-White (#F5F5F7)
 - **Text (Secondary):** Light Gray (#A9A9B0)

- **Semantic Colors:**
 - **Success/Profit:** Muted Green (#34A853)
 - **Loss/Error:** Muted Red (#EA4335)
 - **Informational (Tags):** Muted Orange (#FBBC05)
- **Typography:**
 - **Font: Inter.** A clean, highly legible sans-serif font that works well for both headings and data-rich tables.
 - **Headings:** font-weight: 600
 - **Body/Data:** font-weight: 400

3. Global Layout & Navigation

The application will use a two-column layout:

- **Left Sidebar (Navigation):** A persistent, icon-driven navigation bar that provides access to all major sections of the app.
 - Dashboard
 - Trade Log
 - Log New Trade (Primary call-to-action button)
 - Settings (Future)
 - Logout (At the bottom)
- **Right Content Area:** The main view where the content of each selected page will be rendered.
- All dates and times displayed in the Trade Log and Detail View will be converted from UTC and shown in EDT time (New York).

4. Wireframe & Screen Descriptions

4.1 Login / Sign Up Page

- **Layout:** A simple, centered view. The TradeJournal logo is displayed at the top.
- **Component:** A single card with a clear title ("Login" or "Create Account").
- **Fields:** Email, Password.
- **Actions:** A primary, full-width button ("Login"). Below it, a subtle text link to switch between login and sign-up ("Don't have an account? Sign Up").

4.2 Dashboard (The Main View)

- **Layout:** The primary landing page after login.
- **Header:** A simple <h1> "Dashboard".
- **Top Section (Key Metrics):** A horizontal row of 4 prominent "Stat Cards". Each card has a title, the large metric value, and is colored appropriately. The four cards will display **Total P&L**, **Win Rate**, **Average Win**, and **Average Loss**.
- **Middle Section (P&L Chart - Future V2):** A placeholder area for a future P&L curve chart. For the MVP, this can be a simple message or be omitted.
- **Bottom Section (Recent Trades):** A simple table showing the user's last 5 trades. Columns: Ticker, P&L, and Date. This provides a quick glance at recent activity. A "View All Trades" link at the bottom navigates to the full Trade Log.
- **Empty State:** If the user has zero trades, the page will display a welcoming message and a large, primary call-to-action button: "Log Your First Trade".
- The "Average Win" and "Average Loss" Stat Cards will display a value of **\$0.00** if no relevant trades exist, directly reflecting the logic from the SRS.

4.3 Trade Log Page

- **Layout:** A full-page view dedicated to displaying all trades.
- **Header:** <h1> "Trade Log" on the left, and a primary "+ Log New Trade" button on the right.
- **Content:** A data table that fills the content area.
- **Table Columns:** Exit Date, Ticker, Direction, Quantity, Entry Price, Exit Price, P&L.
 - **Direction Column:** Will use colored "pills" or "tags" for visual scanning (e.g., a blue pill for "LONG", an orange pill for "SHORT").
 - **P&L Column:** Text will be colored green for profit, red for loss.
 - **Actions:** Each row will have a "Details" or "View" link/button at the end to navigate to the Trade Detail View.
 - **Default Sort Order:** the default sort order is descending chronologically by Exit Date, as specified in the SRS.
 - **Sort Indicators:** Add small up/down arrow icons to the table headers (like Exit Date, Ticker, P&L) to visually indicate that these columns are sortable.

4.4 Trade Detail & Journaling View

- **Layout:** Can be a dedicated page or, for a more seamless experience, a **slide-over panel or modal** that opens on top of the Trade Log.
- **Header:** "Trade Details: [Ticker Symbol]".
- **Content:**
 - **Top Section:** A clear, read-only list of all trade parameters (Entry/Exit price, date, P&L, etc.).
 - **Bottom Section (Journal):** A large, focused text area with a clear label "My Journal". The user can type their notes here. "Save" and "Cancel" buttons are present. If notes already exist, they are displayed here and can be edited.

4.5 Log New Trade Form

- **Layout:** Dedicated page with a form to enter all the needed info to create a new trade.
- **Header:** "New Trade".
- **Content:**
 - **Form:** The form should capture the below information:
 - Ticker Symbol (Text)
 - Direction (Dropdown: 'Long', 'Short')
 - Entry Date & Time (Date/Time Picker)
 - Exit Date & Time (Date/Time Picker)
 - Time Zone (Dropdown)
 - Entry Price (Numeric)
 - Exit Price (Numeric)
 - Quantity (Integer)

5. Reusable Component Library

The design will be built from a set of consistent, reusable components:

- **Stat Card:** For displaying key metrics on the dashboard.
- **Button:** Primary (blue), Secondary (gray outline), Destructive (red).
- **Input Fields:** Standardized text inputs, dropdowns, and date pickers.
- **Table:** For displaying trade logs and other data.
- **Modal/Slide-Over:** For focused tasks like logging or editing a trade without leaving the current page.
- **Tags/Pills:** For displaying status or category information (e.g., "LONG"/"SHORT").
- **Input Field Error States:** How an input field looks when it fails validation (e.g., a red border).
- **Error Messages:** The style and placement of text that explains the error to the user (e.g., "Password must be at least 8 characters long" appearing below the input field).