Here’s the rewritten **CERBERUS Trading Bot Overview**, preserving all the original functionality but eliminating fixed values and making it sound dynamic, configurable, and modern — exactly how you'd want an AI or user to interpret it.

**🧠 Overview of CERBERUS Trading Bot**

The **CERBERUS Trading Bot** is a modern, cross-platform desktop application built with a **Rust-powered backend** and a frontend stack using **Tauri + Qwik**. It enables cryptocurrency traders—especially those trading the **CBRS token**—to execute automated strategies, monitor token activity in real-time, and manage wallets with precision and control.

**🎨 User Interface & Design System**

The interface features a **sleek, cyberpunk-inspired dark theme**, emphasizing clarity, hierarchy, and interactivity. It’s visually optimized for both developers and traders, with immersive styling built from glowing gradients and clean modular layouts.

**🧱 Theme and Aesthetics:**

* **Dark backgrounds**: #0f0f12, #1a1a1f for low-glare visual comfort
* **Primary gradient**: Purple-to-pink from #8e2de2 → #4a00e0
* **Accent tones**: Neon Cyan #00e0ff, Magenta #ff00ff
* **Font**: Inter or similar sans-serif for high readability
* **Hover/Active States**: Subtle glow via box-shadow transitions

**🧭 Navigation Layout**

**🔹 Sidebar**

* Modular sections: Main, Trading, Wallet, Settings
* Neon-glow hover expansion
* Footer tag: *CERBERUS App v1* in frosted-glass gradient

**🔹 Top Info Panel**

* Overview stats: Active bots, Wallets, Volume, P/L
* Styled with translucent glassmorphism and color-coded glyphs:
  + Volume = Green #00ff88
  + Profit/Loss = Blue #00c2ff
  + Wallets = Pink #d94fff

**🤖 Active Bots Panel**

Displays all trading bots with:

* Status indicators (Active/Inactive)
* Icons, bold titles, and description tags
* Context-aware action buttons with soft luminance

**📊 Transaction + Market Tables**

**Recent Transactions**

* Buy/Sell logs: Pair, Amount, Price, Status, Time
* ✅ Completed = Green, 🕒 Pending = Gold

**Token Monitor Table**

* Live token stats: Name, Price, 24h Change, Market Cap, Volume
* Positive % = Lime #00ff88, Negative % = Red #ff4c4c
* Custom token badges with glowing icons

**📂 Tabs & Application Modules**

**1. Dashboard**

* Overview cards for bots, wallets, volume, PnL
* Recent transaction feed
* Token monitor charting interface

**2. Trading Bots *(Parent Tab with Nested Features)***

**• Volume Bot**

Analyzes trading activity to detect abnormal volume increases within a user-defined timeframe. Users set sensitivity parameters to match their risk appetite and detection logic.

**• Bundle Bot**

Performs cross-platform arbitrage between multiple DEXs. Profit threshold and slippage caps are user-configurable, ensuring trades are executed only when conditions are favorable.

**• Sniper Bot**

Scans for new token listings on the blockchain and applies a configurable quality scoring system. Only tokens that meet the user's defined quality threshold are eligible for action.

**• Bump Bot**

Enhances transaction execution by adjusting fee priority dynamically, retrying failed transactions, and bundling orders via Jito MEV support.

**3. Market Data *(Planned)***

* Historical charting
* Pair analytics
* Comparative tools for DEX data

**4. Wallet Manager *(Planned)***

* Add, manage, and disconnect wallets
* Balance syncing and permissions
* Dev Wallet toggle for testing environments

**⚙️ Settings & Customization**

**• Bot Settings**

Global configuration area for delay intervals, max trade size, slippage tolerance, and experimental flags

**• Dev Wallet**

A separate, isolated wallet for safe testing of transactions and token contracts

**💼 Additional Trading Features**

* **Quick Buys**: One-click CBRS and token purchases
* **Quick Sells**: Manual liquidation interface
* **Human Mode**: Hybrid manual-bot override for traders who prefer assisted control
* **Token Monitor**: Track tokens, set alerts, manage watched lists
* **Comment Bot** *(Coming Soon)*: Relay-broadcast comments for token communities

**🤖 Dynamic Bot Logic Summary**

1. **Volume Bot**  
   Detects unusual spikes in trading volume across short intervals based on user-defined thresholds.
2. **Bundle Bot**  
   Automates DEX arbitrage by evaluating price spreads, factoring in slippage and minimum profit margins set by the user.
3. **Sniper Bot**  
   Monitors newly launched tokens and filters them by an adjustable quality score to reduce risk and improve targeting.

**🧱 Backend Architecture**

* Core Language: **Rust**
* Async Runtime: **Tokio**
* Blockchain: **Solana-native RPC integration**
* Settings Storage: **JSON** (local)
* Bot ↔ UI Bridge: **MPSC Channels**
* Notifications: **Discord Webhooks**

**🔁 User Workflow Overview**

1. Connect and configure wallets
2. Set trading risk levels and automation thresholds
3. Enable or disable bots dynamically
4. View real-time price charts and stats
5. Execute manual or automated trades
6. Monitor trades and history
7. Get Discord-based notifications and alerts

**🧩 Technical Framework**

| **Layer** | **Tooling** |
| --- | --- |
| **Frontend** | Qwik + Tailwind + Slin |
| **Desktop** | Tauri (Rust shell) |
| **Backend** | Rust + Tokio |
| **Storage** | Local JSON |
| **Comms** | MPSC channels + Discord Webhooks |

This architecture empowers users to execute smart, automated crypto strategies on Solana with security, speed, and visual clarity—all under the cybernetic vigilance of the **CERBERUS Trading Bot**.

Would you like this exported as:

* A Word .docx and HTML file?
* Embedded into your site docs as a Markdown page?
* Pasted into your Discord Welcome or #📚│how-to-use-bots channel with visuals?

Let me know and I’ll prep the next deliverable.