📚 MANDATORY STARTUP SEQUENCE **STEP 1: Search Project Knowledge**

Use project\_knowledge\_search to find and read ALL project documents:

- Latest handover document

- Database schema and specifications

- Development status and progress notes

**STEP 2: Review Handover Document** I'll provide the complete handover document below with all technical details.

🛡️ CRITICAL SAFETY PROTOCOLS **🚨 ABSOLUTE REQUIREMENTS:**

1. **NEVER WRITE CODE WITHOUT PERMISSION** - Always ask to review existing code first
2. **ONE STEP AT A TIME** - Wait for "I've completed this step correctly" after each step
3. **PRESERVE WORKING FUNCTIONALITY** - Keep existing UI, don't overwrite code without review
4. **COMPLETE CODE ONLY** - Provide full, production-ready code in artifacts

🎯 IMMEDIATE TASK & PRIORITIES **CURRENT TASK:** TradingView chart integration COMPLETE - need to commit to GitHub for safety **COMPLETION STATUS:** 100% complete for TradingView integration, charts working perfectly with optimal UX **IMMEDIATE NEXT STEP:** Commit TradingView integration to GitHub, then prepare infrastructure for real Polygon.io data **FILES TO REVIEW FIRST:** Enhanced Signals.tsx file to understand TradingView integration before any changes

* File 1: src/pages/Signals.tsx - contains complete TradingView integration with optimal UX layout
* File 2: Current Git status - check what needs to be committed safely

**CURRENT BLOCKER:** None - TradingView integration working perfectly **CRITICAL CONTEXT:** TradingView charts successfully integrated, appear below each signal (no scrolling), perfect investor demo ready

🔧 TECHNICAL CONTEXT **WHAT'S WORKING:** TradingView charts integration, enhanced Signals page, 15 demo signals, database integration, authentication, Execute Trade functionality **WHAT'S BROKEN:** None - all functionality operational **LAST SUCCESSFUL COMMAND:** npm run dev (localhost:8080 with TradingView charts loading perfectly) **CURRENT ERROR (if any):** None - all syntax errors resolved, clean implementation **ENVIRONMENT STATUS:** localhost:8080 working perfectly, TradingView charts loading, all signals displaying with chart toggle buttons

🎯 SESSION STARTUP WORKFLOW **REQUIRED STARTUP RESPONSE:**

"I've read your project knowledge and handover document.

Current task: TradingView chart integration COMPLETE - need to commit to GitHub for safety

Next step: Commit TradingView integration to GitHub, then prepare infrastructure for real Polygon.io data

Before proceeding, may I review: src/pages/Signals.tsx to understand TradingView integration?

I'll work one step at a time and wait for confirmation."

**DEVELOPMENT PATTERN:**

1. "Let me review [specific file] first"

2. "Here's my analysis and proposed approach"

3. "May I proceed with this change?"

4. WAIT for "Yes"

5. Implement change

6. "Please confirm this step works"

7. WAIT for confirmation

🚨 SPECIAL INSTRUCTIONS **URGENT:** Commit TradingView integration to GitHub before any new development work **DON'T TOUCH:** TradingView integration (working perfectly), Lovable UI components, authentication system, database schema **INVESTOR DEMO:** READY - platform demonstrates professional trading capabilities with chart verification **GIT SAFETY:** TradingView integration needs commit to backend-development branch before proceeding

⚠️ CRITICAL WARNINGS **NEVER:**

* ❌ Write code without permission
* ❌ Change UI without explicit request
* ❌ Make multiple changes simultaneously
* ❌ Modify working TradingView integration

**ALWAYS:**

* ✅ Ask to review code first
* ✅ Wait for step-by-step confirmation
* ✅ Provide complete code artifacts
* ✅ Preserve working TradingView functionality

🚀 START IMMEDIATELY Read the project knowledge, review the handover document below, then give me the required startup response focusing on the immediate task.

**Remember: Safety first, one step at a time, ask permission before any code changes.**

**📋 HANDOVER DOCUMENT:**

=== KURZORA PROJECT HANDOVER TEMPLATE === 📅 DATE: June 21, 2025 ⏰ TIME: 7:45 PM CEST

📊 SESSION: #25 | TRANSITION: Claude → Next Claude Session | Duration: 45 minutes 🎯 CURRENT PHASE: TradingView Chart Integration Complete - Investor Demo Ready

**✅ COMPLETED MILESTONES:**

**Core Platform:**

* [✅] **Database Schema**: Supabase tables operational with 15 enhanced demo signals
* [✅] **Authentication System**: User registration/login functional with Supabase (test@kurzora.com working)
* [✅] **Frontend UI**: Professional Lovable dashboard with 100% real data integration + TradingView charts
* [✅] **Signal Processing**: Enhanced 15-signal demo system across 7 sectors COMPLETE + Charts
* [❌] **Alert System**: Make.com integration for Telegram/Email notifications (Phase 3)
* [❌] **Payment System**: Stripe integration for subscription management (Phase 3)
* [❌] **Multi-language**: English, German, Arabic UI switching (Phase 3)
* [❌] **Live Deployment**: Production site with SSL on custom domain (Phase 3)

**Development Infrastructure:**

* [✅] **Environment Setup**: All API credentials configured (.env.local with VITE\_ prefix)
* [✅] **Package Dependencies**: All required libraries installed with --legacy-peer-deps
* [✅] **Development Server**: Platform running perfectly on localhost:8080
* [✅] **GitHub Repository**: Code synced with TradingView integration milestone
* [✅] **Testing**: Complete TradingView chart integration tested and working

**🔄 IN PROGRESS:**

* **Current Task**: COMPLETE - TradingView Chart Integration Successfully Implemented
* **Completion**: 100% complete - Charts working perfectly with optimal UX
* **Last Step**: Fixed UX issue - charts now appear directly below each signal (no scrolling)
* **Next Step**: Prepare for real Polygon.io data integration (post-funding upgrade)
* **Working Directory**: ~/Desktop/kurzora/kurzora-platform/frontend
* **Files Modified**: src/pages/Signals.tsx (completely enhanced with TradingView integration)

**🎯 HANDOVER PRIORITIES:**

1. **CRITICAL**: Commit TradingView integration to GitHub for safety
2. **IMPORTANT**: Prepare infrastructure for real Polygon.io data (post-funding)
3. **MODERATE**: Stop loss/take profit calculations for enhanced signals
4. **BACKLOG**: Scale to 500 stocks with real-time data (Phase 2)
5. **GITHUB**: Commit TradingView milestone and push to repository

**📞 Development Status / Progress Section:**

**📅 June 21, 2025 - 7:45 PM CEST - TRADINGVIEW INTEGRATION COMPLETE SESSION**

**🎯 MASSIVE SUCCESS THIS SESSION:**

1. **TRADINGVIEW CHART INTEGRATION COMPLETE** - Professional chart functionality added to Signals page
2. **OPTIMAL UX ACHIEVED** - Charts appear directly below each signal (no scrolling to bottom)
3. **FULL-WIDTH LAYOUT IMPLEMENTED** - Charts large and readable like SignalsTest.tsx reference
4. **SYNTAX ERRORS RESOLVED** - All JSX compilation issues fixed, clean implementation
5. **INVESTOR DEMO READY** - Platform now demonstrates professional trading platform capabilities
6. **EXISTING FUNCTIONALITY PRESERVED** - Execute Trade, filters, authentication all maintained
7. **PERFECT SCALING PREPARATION** - Architecture ready for real Polygon.io data upgrade

**🚀 NEXT AI INSTRUCTIONS:** "FIRST PRIORITY: Commit TradingView integration for safety. SECOND PRIORITY: Prepare infrastructure for real Polygon.io data integration. THIRD PRIORITY: Enhance with stop loss calculations. TradingView integration working perfectly - preserve exactly as implemented."

🚀 STRICT RULES: MUST FOLLOW **Please follow these rules strictly for every task:**

1. **Never write or suggest new code without first reviewing the existing code.**
2. **Do not ask me to search or modify code manually.** Always provide the **entire code for the full file** so I can copy and paste it directly.
3. **Proceed step by step.** After each step, wait for my confirmation before moving to the next.