📚 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:** CRITICAL Telegram Alert Score Inconsistency - Fix alerts to match unified Dashboard/Signals scoring **COMPLETION STATUS:** 85% complete - Dashboard & Signals page unified successfully, Telegram alerts identified as divergent **IMMEDIATE NEXT STEP:** Investigate Telegram alert integration to determine why it shows different scores than Dashboard/Signals **FILES TO REVIEW FIRST:** Telegram alert integration files before making any changes

* File 1: src/hooks/useSignalAlerts.ts - likely contains Telegram scoring logic
* File 2: src/lib/signals/signal-processor.ts - verify recent fixes are preserved (lines 482, 595-599)
* File 3: Telegram integration components - any file that sends scores to Telegram

**CURRENT BLOCKER:** Telegram alerts show different final scores than unified Dashboard/Signals (breaks score consistency) **CRITICAL CONTEXT:** BUSINESS CRITICAL - Score consistency milestone 85% achieved. Dashboard and Signals page now unified showing TSLA=88, NVDA=89, AAPL=86, MSFT=83, GOOGL=80. Telegram alerts show different values, breaking user trust.

🔧 TECHNICAL CONTEXT **WHAT'S WORKING:**

* Dashboard final scores using calculateFinalScore correctly ✅
* Signals page final scores using calculateFinalScore correctly ✅
* Signal generation system fixed with proper final\_score field and simplified JSONB ✅
* Score consistency between Dashboard and Signals page achieved ✅
* Mathematical verification confirmed with test data ✅
* Development server on localhost:8081 ✅
* All core platform functionality operational ✅

**WHAT'S BROKEN:**

* Telegram alerts showing different final scores than Dashboard/Signals ❌
* Score inconsistency across platforms (Telegram vs Dashboard/Signals) ❌
* Potential data integrity issue in Telegram integration ❌

**LAST SUCCESSFUL COMMAND:** npm run dev (localhost:8081 accessible) **CURRENT ERROR (if any):** No errors - platform runs smoothly but Telegram shows wrong scores **ENVIRONMENT STATUS:** localhost:8081 working, npm run dev successful, all services operational

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

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

Current task: CRITICAL Telegram Alert Score Inconsistency - Fix alerts to match unified Dashboard/Signals scoring

Next step: Investigate Telegram alert integration to determine why it shows different scores than Dashboard/Signals

Before proceeding, may I review: src/hooks/useSignalAlerts.ts and Telegram integration files?

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:** Score consistency CRITICAL for client trust - must resolve Telegram showing different scores than Dashboard/Signals. Also need to commit fixes before session loss. **DON'T TOUCH:**

* Dashboard score calculation (working correctly with calculateFinalScore)
* Signals page score calculation (working correctly with calculateFinalScore)
* Signal generation system fixes in signal-processor.ts (recently fixed, preserve)
* Any working Lovable UI components (user loves existing styling)

**INVESTOR DEMO:** Platform credibility depends on consistent scoring across all components (Dashboard, Signals, Telegram) **GIT SAFETY:** CRITICAL - Uncommitted score consistency fixes need immediate commit to prevent loss

⚠️ CRITICAL WARNINGS **NEVER:**

* ❌ Write code without permission
* ❌ Change Dashboard or Signals page scoring (they're now working correctly)
* ❌ Modify signal-processor.ts fixes (recently achieved milestone)
* ❌ Make multiple changes simultaneously

**ALWAYS:**

* ✅ Ask to review code first
* ✅ Wait for step-by-step confirmation
* ✅ Use existing calculateFinalScore(signal.signals) function
* ✅ Provide complete code artifacts
* ✅ Preserve all working score consistency achievements

🚀 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:** [PASTE THE COMPLETE SESSION #50 HANDOVER DOCUMENT FROM THE SIDEBAR ARTIFACT]

🚀 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.

🔧 ADDITIONAL TOOLS AVAILABLE:

* **Cursor Integration:** Can use Cursor for codebase analysis or Telegram integration investigation
* **Browser Console Debugging:** F12 console for manual score verification
* **Mathematical Verification:** Test calculateFinalScore with known values (TSLA should be 88)
* **Telegram Bot Testing:** Verify actual alert content vs expected scores