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 Score Consistency Fix - Fix Dashboard Heat Map and Signal Detail components to use calculateFinalScore instead of database fields

**COMPLETION STATUS:** 75% complete - Root cause identified, Telegram alerts fixed to show correct score (87), but Dashboard and Signal Detail still show wrong score (88)

**IMMEDIATE NEXT STEP:** Review and fix Dashboard Heat Map component to use calculateFinalScore(signal.signals) instead of reading final\_score/confidence\_score database fields

**FILES TO REVIEW FIRST:** Components showing wrong scores need examination

* File 1: src/components/dashboard/SignalHeatmap.tsx - likely reading database fields instead of calculating
* File 2: src/pages/SignalDetail.tsx or related component - showing 88 instead of 87 for NVDA
* File 3: src/utils/signalCalculations.ts - contains working calculateFinalScore function (keep this)

**CURRENT BLOCKER:** Score inconsistency across platform components destroying client trust - NVDA signal shows 87 in some places, 88 in others

**CRITICAL CONTEXT:** This is BUSINESS CRITICAL - client trust issue. NVDA test case: should show 87 everywhere (1H:80, 4H:87, 1D:94, 1W:100 → 87) but currently shows 88 in Dashboard/Detail components

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

* Signals page shows 87 (correct - uses calculateFinalScore)
* Telegram alerts show 87 (fixed - now uses calculateFinalScore)
* calculateFinalScore function in src/utils/signalCalculations.ts works perfectly
* Development server on localhost:8081
* Supabase database with signals JSONB structure

**WHAT'S BROKEN:**

* Dashboard Heat Map shows 88 (reading database final\_score field)
* Signal Detail page shows 88 (reading database field)
* Components reading final\_score/confidence\_score instead of calculating

**LAST SUCCESSFUL COMMAND:** npm run dev (localhost:8081 accessible)

**CURRENT ERROR (if any):** No errors - platform runs but shows inconsistent 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: Fix Dashboard Heat Map and Signal Detail components to use calculateFinalScore instead of database fields

Next step: Review Dashboard Heat Map component to identify where it's reading wrong database fields

Before proceeding, may I review: src/components/dashboard/SignalHeatmap.tsx and related components showing wrong scores?

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 show identical score 87 for NVDA across all 4 platform locations

**DON'T TOUCH:**

* src/utils/signalCalculations.ts (working calculateFinalScore function)
* Lovable UI components (preserve existing styling)
* Working Telegram integration
* signals JSONB database structure

**INVESTOR DEMO:** Platform credibility depends on consistent scoring across all components

**GIT SAFETY:** Clean working state, ready for commits after fixes applied

⚠️ CRITICAL WARNINGS **NEVER:**

* ❌ Write code without permission
* ❌ Change UI without explicit request
* ❌ Create new scoring functions (use existing calculateFinalScore)
* ❌ Modify database schema or signals JSONB structure

**ALWAYS:**

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

🚀 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 HANDOVER DOCUMENT FROM THE ARTIFACT ABOVE]

🚀 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.