📚 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:** Build AdminUsers component for user management with subscription controls

**COMPLETION STATUS:** 85% complete - Admin foundation (AdminProtectedRoute, AdminLayout, AdminDashboard) working perfectly with real-time Supabase data

**IMMEDIATE NEXT STEP:** Create AdminUsers component following the established AdminProtectedRoute pattern for user management functionality

**FILES TO REVIEW FIRST:** Existing admin components to understand patterns and architecture

* File 1: src/components/admin/AdminProtectedRoute.tsx - working authentication wrapper pattern
* File 2: src/components/admin/AdminLayout.tsx - navigation and layout structure to follow
* File 3: src/components/admin/AdminDashboard.tsx - real-time data integration pattern and UI standards

**CURRENT BLOCKER:** None - all admin foundation systems operational

**CRITICAL CONTEXT:** Admin panel foundation is complete and working beautifully! Professional dashboard with live Supabase data at /admin. Build new components using established patterns without breaking existing functionality.

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

* ✅ AdminProtectedRoute with email-based authentication
* ✅ AdminLayout with professional navigation and responsive design
* ✅ AdminDashboard with real-time metrics (0 users, 6 active trades, 18 signals)
* ✅ Supabase integration with correct import path (@/lib/supabase)
* ✅ Main platform dashboard and all existing features
* ✅ Development server on localhost:8081
* ✅ GitHub repository with all admin work committed

**WHAT'S BROKEN:** Nothing - all systems operational and working perfectly

**LAST SUCCESSFUL COMMAND:** npm run dev (admin panel accessible on localhost:8081/admin)

**CURRENT ERROR (if any):** No errors - all admin authentication, data loading, and UI working correctly

**ENVIRONMENT STATUS:** localhost:8081 working perfectly, admin panel accessible with live data

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

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

Current task: Build AdminUsers component for user management with subscription controls

Next step: Create AdminUsers component following the established AdminProtectedRoute pattern for user management functionality

Before proceeding, may I review: src/components/admin/AdminProtectedRoute.tsx, src/components/admin/AdminLayout.tsx, and src/components/admin/AdminDashboard.tsx?

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

**DEVELOPMENT PATTERN:**

1. "Let me review AdminProtectedRoute.tsx, AdminLayout.tsx, and AdminDashboard.tsx first"

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

3. "May I proceed with creating AdminUsers component?"

4. WAIT for "Yes"

5. Implement AdminUsers component

6. "Please confirm this step works"

7. WAIT for confirmation

🚨 SPECIAL INSTRUCTIONS **URGENT:** No urgent issues - solid foundation ready for enhancement

**DON'T TOUCH:** AdminProtectedRoute.tsx (working perfectly), AdminLayout.tsx (professional UI), AdminDashboard.tsx (real-time data), existing Lovable platform UI

**INVESTOR DEMO:** Platform ready for demo with working admin access - continue building professional admin interface

**GIT SAFETY:** All admin foundation work safely committed to GitHub - ready for new component development

⚠️ CRITICAL WARNINGS **NEVER:**

* ❌ Modify working AdminProtectedRoute authentication system
* ❌ Change existing platform UI or navigation
* ❌ Break real-time Supabase data integration
* ❌ Alter working admin dashboard or layout

**ALWAYS:**

* ✅ Use AdminProtectedRoute wrapper for all new admin components
* ✅ Follow established admin UI patterns (dark theme, responsive cards)
* ✅ Maintain Supabase integration pattern (@/lib/supabase)
* ✅ Preserve professional admin interface standards

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

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

**📋 HANDOVER DOCUMENT:** [PASTE THE COMPLETE HANDOVER DOCUMENT FROM PREVIOUS ARTIFACT HERE]

🚀 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.

🎯 NEXT COMPONENTS TO BUILD: **PRIORITY 1:** AdminUsers.tsx (user management with subscription controls) **PRIORITY 2:** AdminSettings.tsx (platform configuration and feature toggles)

🎯 CURRENT ADMIN FOUNDATION: Professional admin panel with authentication, navigation, and real-time dashboard - ready for user management features!