**Fresh Start**

That's a great idea! Here's a **concise project document** that you can paste into the chat to quickly provide all necessary details if we ever need to restart:

**Project Overview: Pro\_Tracker**

**🛠 Development Setup**

* **Local Development Path:** D:\00 Development\Pro\_Tracker\
* **Primary Development Environment:** **Jupyter Notebooks in VS Code**
* **Backend Framework:** **Django (Python)**
* **Frontend Framework:** **React (Web & Desktop via Tauri) + React Native (Mobile)**
* **Database:** **PostgreSQL (Primary), SQLite (Offline Mode)**
* **Hosting:** **GitHub (Private Repository, .gitignore used for sensitive components)**

**📌 Core Functionality**

1. **User Authentication** (HomeUsers)
   * Secure login, OAuth2/JWT authentication.
   * Role-based access for future expansion.
2. **Inventory Management** (HomeInventory)
   * Track home assets, purchases, and valuations.
   * Categorized for future AI-driven optimizations.
3. **Finance Tracking** (HomeTransactions)
   * Records personal transactions, expenses, and tax-deductible items.
   * Will expand later for **business accounting integration**.
4. **Offline Sync System** (HomeSyncLog)
   * Supports offline data entry with sync-on-reconnect.
   * Tracks pending and completed updates.

**📂 Folder Structure**

D:\00 Development\Pro\_Tracker\

├── core/ # Django backend

├── notebooks/ # Jupyter notebooks for interactive development

├── venv/ # Virtual environment

├── .gitignore # Protects sensitive files from GitHub commits

**📈 Future Expansion Plans**

✅ **Business Module** → Separate tables (BusinessUsers, BusinessInventory, BusinessTransactions).  
✅ **AI Assistant** → Automate financial insights, inventory analysis, and real-time recommendations.  
✅ **Cross-platform Syncing** → Ensure seamless data flow between web, mobile, and desktop.  
✅ **Commercialization Strategy** → Protect intellectual property while maintaining accessibility.

**🔥 Current Focus**

**Starting with Home Inventory App development, defining the core database structure, and implementing Django models in Jupyter Notebook.**

This document contains **everything needed** for me to resume assistance at any time.  
Just paste it back into the chat, and I can continue right where we left off. 🚀

Would you like to add anything before finalizing it?  
Let me know if there’s something specific you want included!