

Brainstorming Ideas

DeFi Copilot Chatbot

◆ Core Concept Ideas

- “AI assistant that executes blockchain actions for you.”
- “Your personal DeFi advisor powered by real data.”
- “Chat-to-Transact on Scroll.”
- “DeFi made simple through conversation.”
- “Smart investment guidance without financial advice.”

◆ Feature Brainstorm

1. On-Chain Interaction (Scroll)

- Send/receive tokens via chat and voice
- Swap tokens using natural language
- Trigger smart contract functions
- Check wallet balance and history
- Deploy small contracts directly from chat
- Gas estimation and suggested times to transact
- Multi-step transaction automation (“invest 50%, hold 50%”)



2. DeFiLlama Intelligence Layer

- Real-time token prices
- TVL growth alerts
- Rising/falling protocols indicators
- Best APY pools summarized
- Stablecoin inflow/outflow warnings
- Risk signals for sudden TVL drops
- Comparison of DeFi categories (DEX, lending, RWA, LSDs)

3. Smart User Guidance

- Personalized investment suggestions
- Risk level scoring for protocols
- Notifications when better APY exists elsewhere
- Portfolio summary based on user holdings
- “Explain this protocol” educational feature
- Detect potential ponzi patterns
- DeFi news summarization + on-chain trends

◆ User Experience Brainstorm

- “One message = one transaction.”
- Chat like talking to a financial assistant.
- Onboarding with wallet connection (Scroll-based).
- Simple commands like:
 - “Swap 10 USDC to ETH.”
 - “What’s the best APY for USDT today?”
 - “Alert me when TVL in Arbitrum grows 5%.”
- Safe-mode: bot recommends but doesn’t execute unless confirmed.
- Transaction previews with risk score.

◆ Technical Brainstorm

- ChatGPT, deepseek, Ollama open-source LLM for natural conversation
- Scroll SDK for fast transactions
- DeFiLlama API for market data
- Webhooks for alerts (TVL, APY, price)
- Intent detection to classify user requests
- Backend worker for monitoring DeFi markets
- Optional: integrate wallets like Privy or WalletConnect

