Cuttlefish Labs MVP Kickoff Brief

Date: July 28, 2025

To align development with our immediate needs — team funding and investor traction — this document outlines the prioritized MVP scope and timeline for Salmaan's development team.

# 🥇 Phase 1: BuilderAgent Swarm + Liquidity Engine

Goal: Simulate and enable treasury actions for CuttlefishVault → LP provisioning, swaps, treasury flows.

Features:

* - BuilderAgent core logic (Python): executes based on liquidity/trade signals
* - FusionSwarmFactory.sol: deployable contract with:
* - Agent ID registration
* - addLiquidity, removeLiquidity, swapTokens functions
* - Simulated Vault tracking + logs
* - TradeSignalMarket: mock liquidity opportunities + agent signal simulation

🗓️ Target Delivery: August 8–10

# 🧠 Phase 2: Thinking Agent (Hybrid Reasoning Demo)

Goal: Demonstrate Cuttlefish intelligence: combining LLM responsiveness + blueprint planning.

Features:

* - CuttlefishCognizeAgent:
* - Fast layer: Gemini/Grok-style prompt processing
* - Deep layer: Qwen3/CollabLLM-style chain-of-thought generator
* - Simulated collaborative feedback / ethical check
* - JSON output saved to TrustGraph
* - Simulated prompt replay via UI/API

🗓️ Target Delivery: August 12–15

# 🌐 Phase 3: Investor Dashboard + Cuttlefish Widget v0

Goal: Let funders & partners explore the daydream cycle, vault logic, and blueprint output.

Features:

* - Simple Next.js or SvelteKit UI:
* - Trigger new daydream cycle
* - View latest blueprint + agent decisions
* - Vault balance & agent logs
* - TrustGraph diagram (basic)

🗓️ Target Delivery: August 18–20