
Final Project Intro

AI Essentials for Business

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How It Works



You ask a question:

Four AI agents with distinct cognitive roles collaborate on it — while you steer the conversation.



Proposer

Generates creative ideas and concrete plans



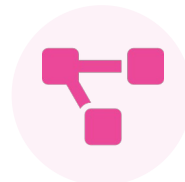
Critic

Challenges assumptions, finds risks and blind spots



Researcher

Gathers facts and evidence to ground the debate



Synthesizer

Integrates viewpoints into a structured deliverable



Multi-Agent Collaboration System



PHASE 1 · PROBLEM INTAKE



Intake

Receive user's business question



Clarify Problem

Ask follow-ups until well-defined



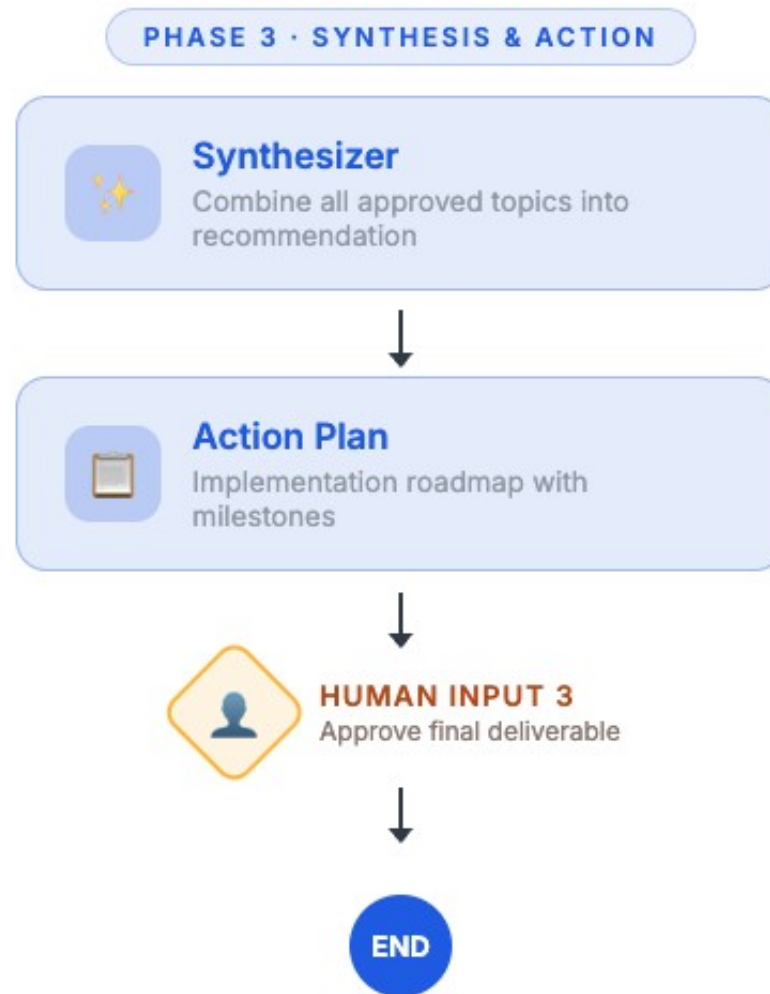
HUMAN INPUT 1

Approve problem description & scope

Multi-Agent Collaboration System



Multi-Agent Collaboration System



What to Observe



Model Choice

- How do different LLM choices (such as OpenAI, Claude and Gemini) change agent behavior?
- Does the Critic push back harder with a stronger model?



Agent Dynamics

- Do agents build on each other's ideas, or just repeat themselves?
- How does human intervention change direction?



Output Quality

- Is the final plan better than what a single agent would produce?
- What questions benefit most from multi-agent collaboration?

