

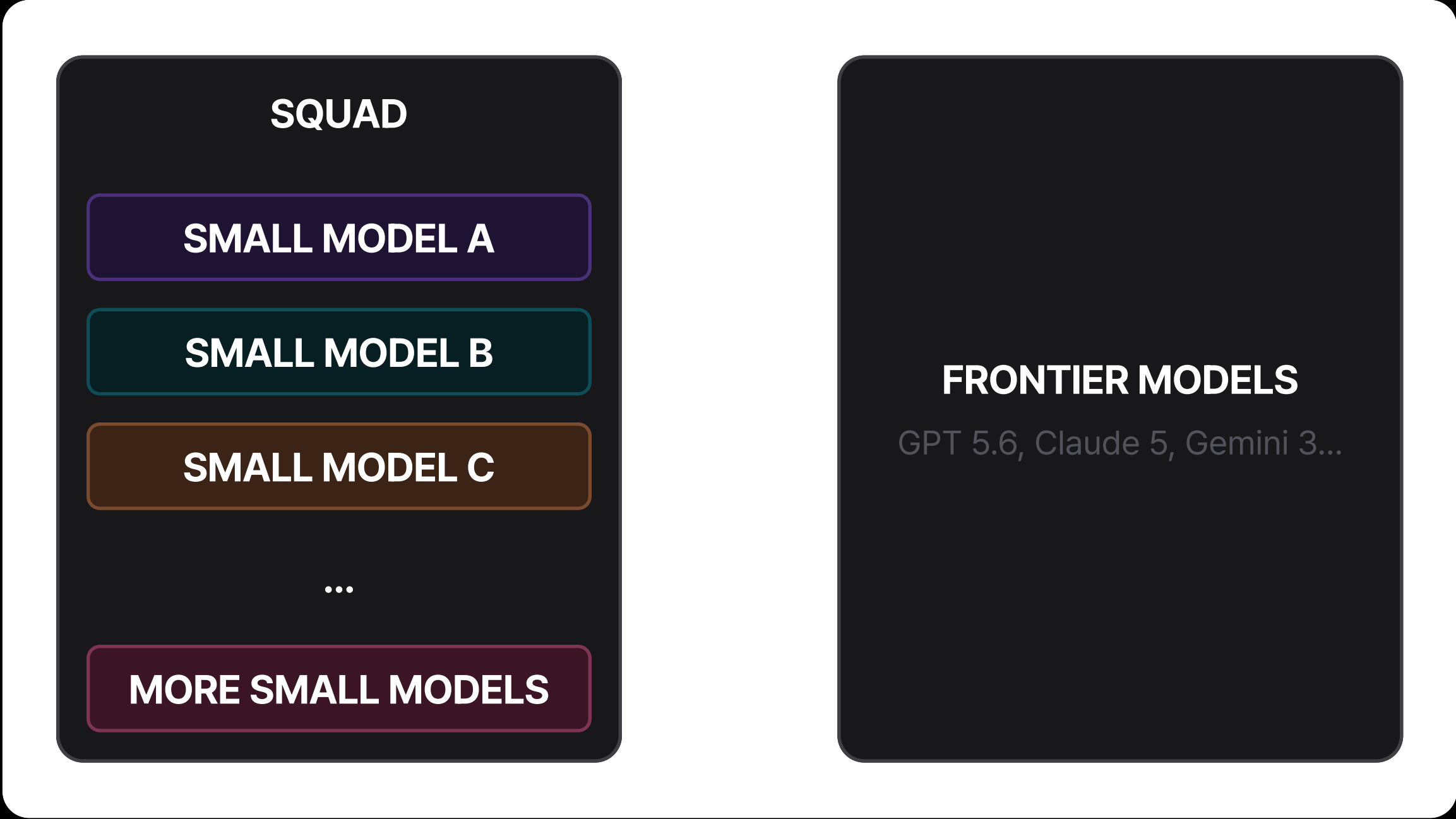
```
graph TD; AFO[AFO] --- AFO_Ext[ ]; AFO_Ext --- AllForwardOne[All Forward One]; AllForwardOne --- AllForwardOne_Ext[ ]; AllForwardOne_Ext --- LimitedBeanNoodle[LimitedBeanNoodle];
```

AFO

All Forward One

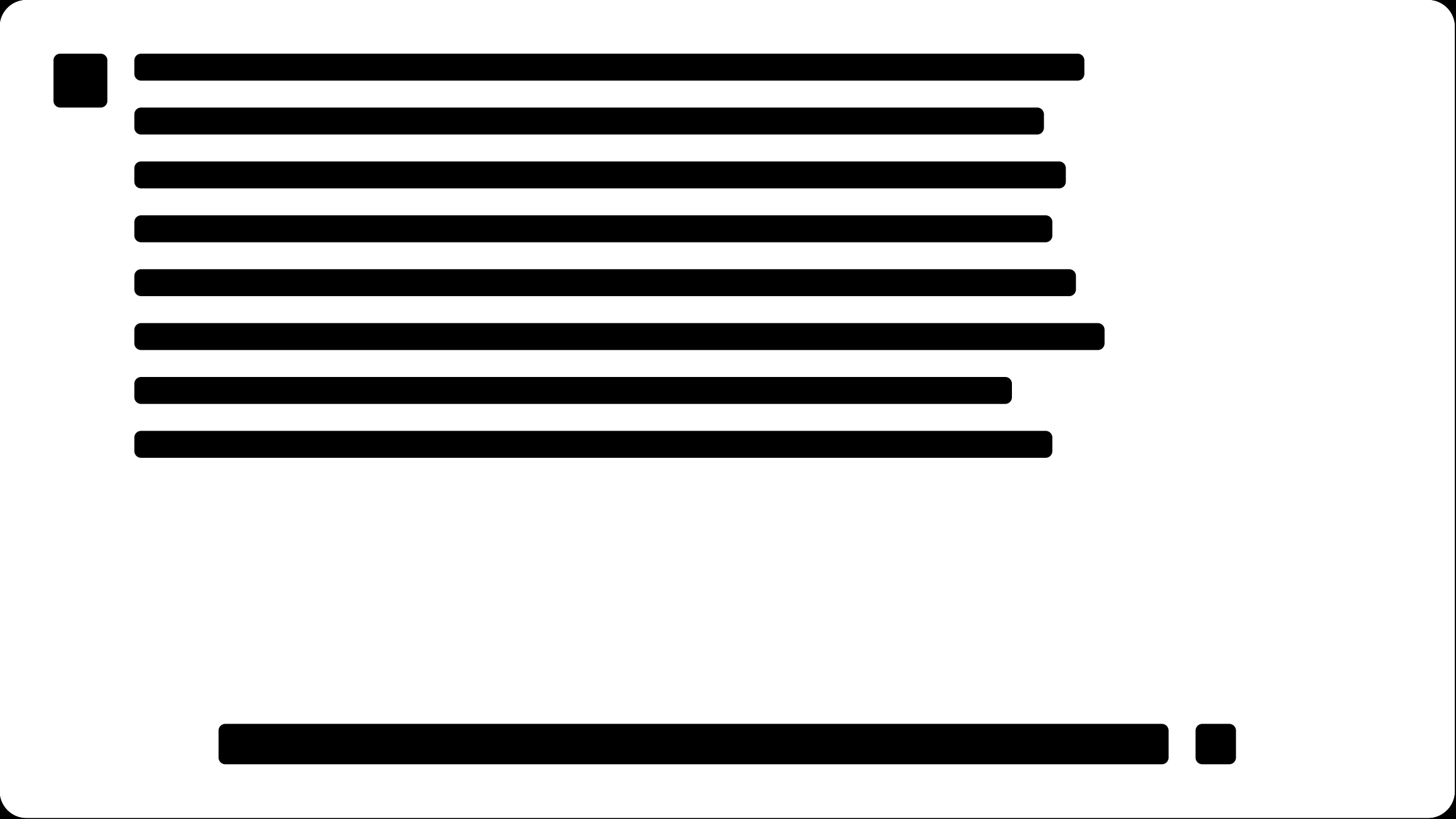
LimitedBeanNoodle

Our Challenges



Problem-solving AI agent squad formation

We optimized a squad of small models and their prompts to outperform larger models.

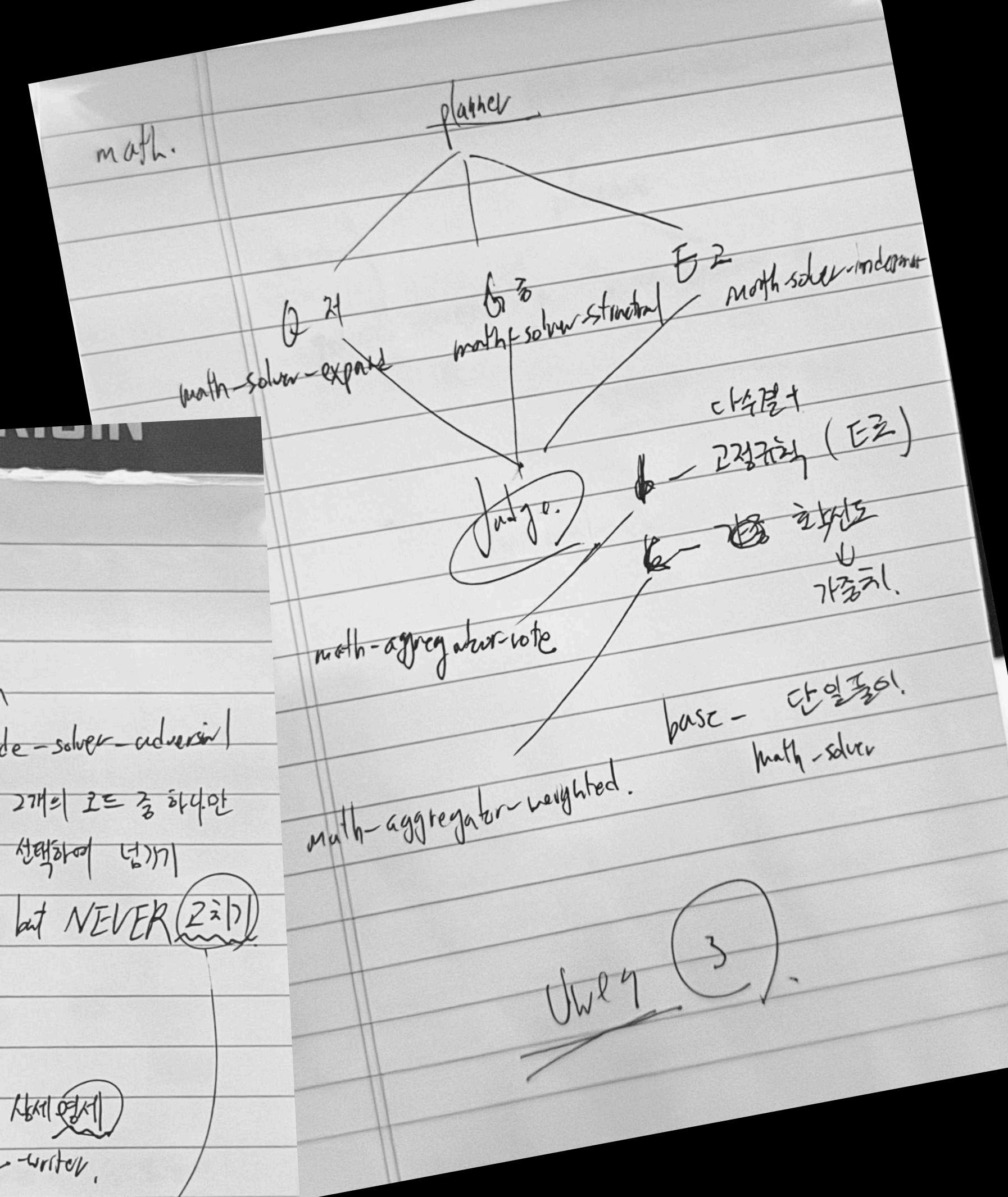
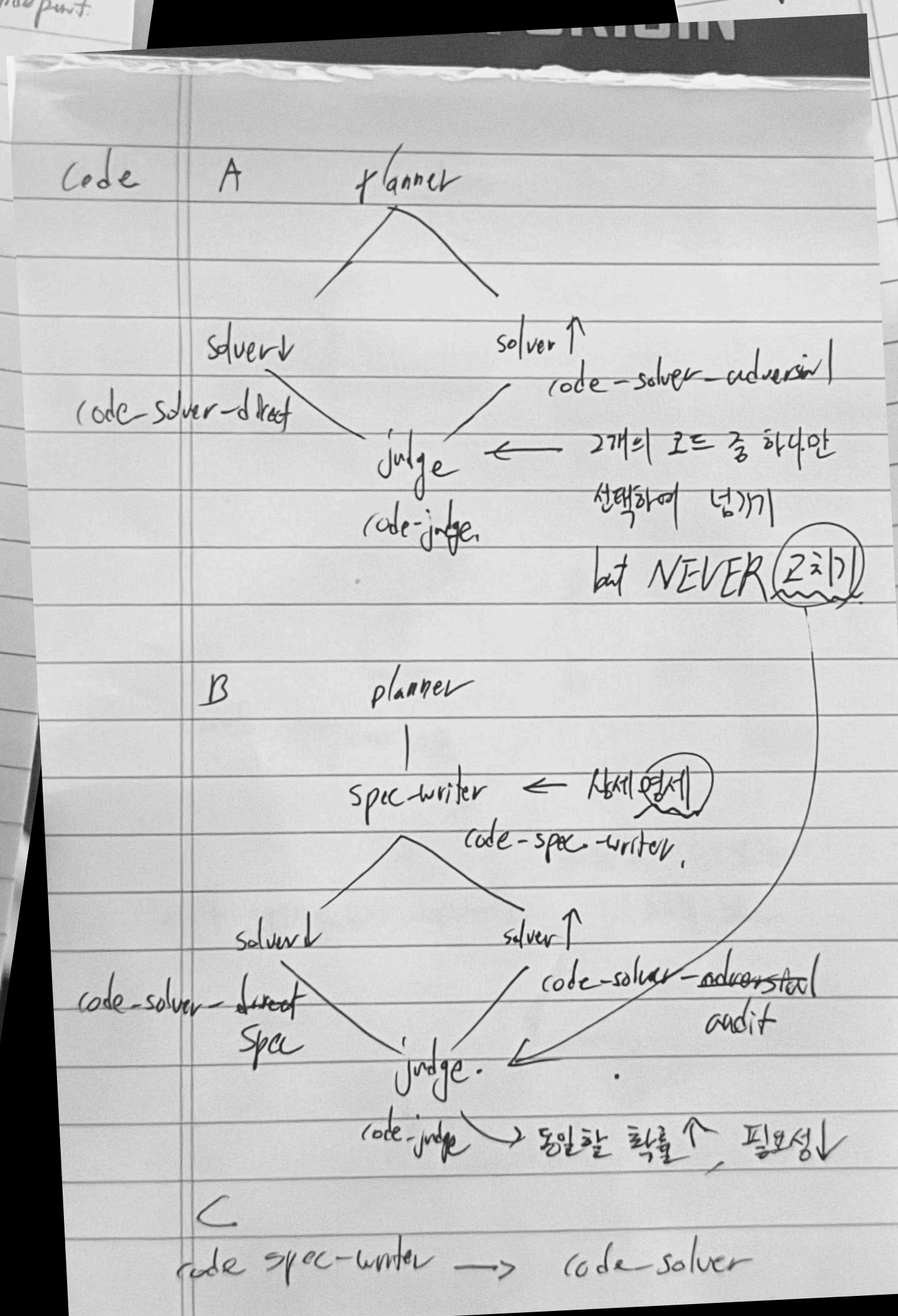
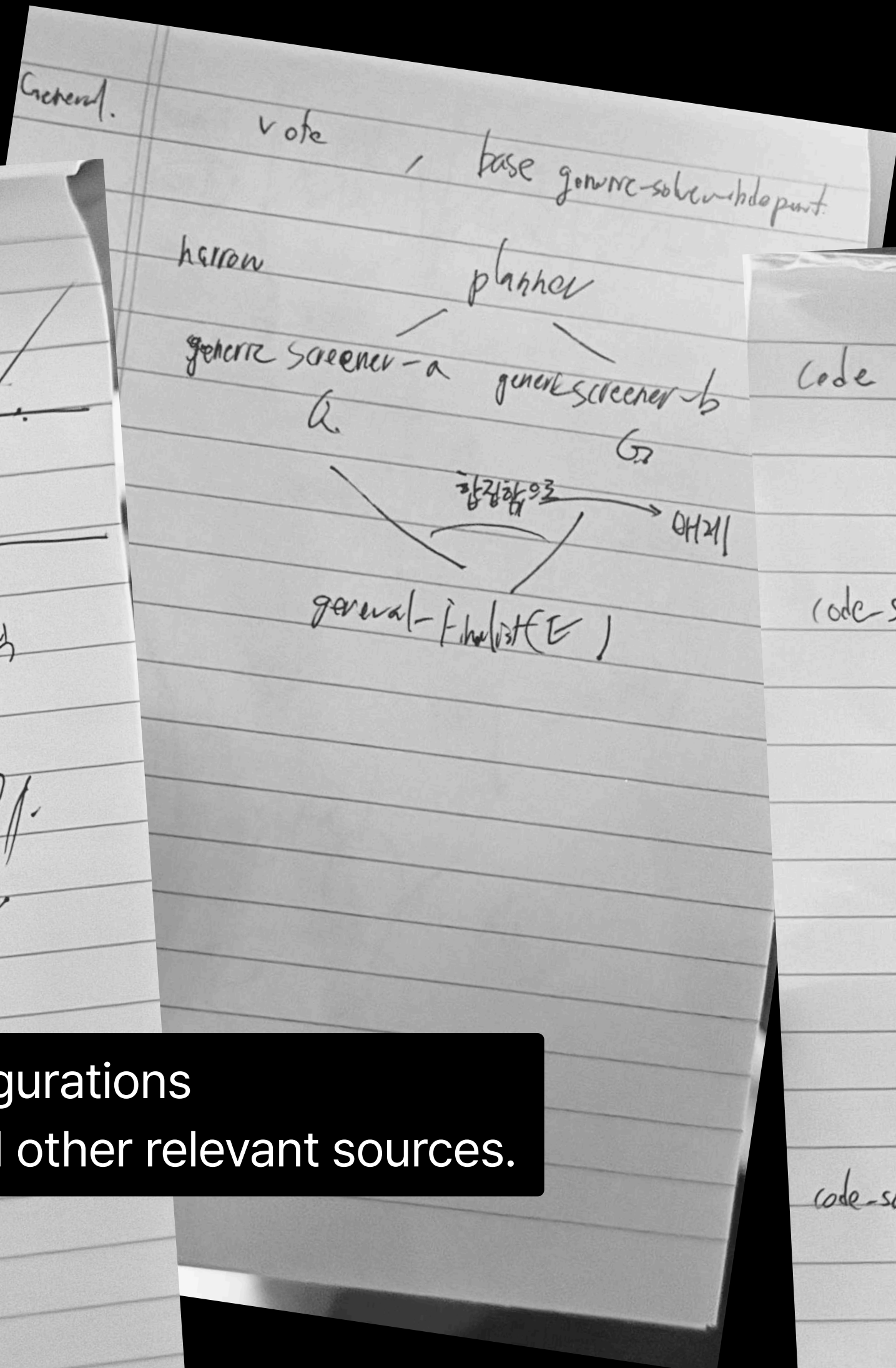


Interactive visualization of squad's problem-solving processes.

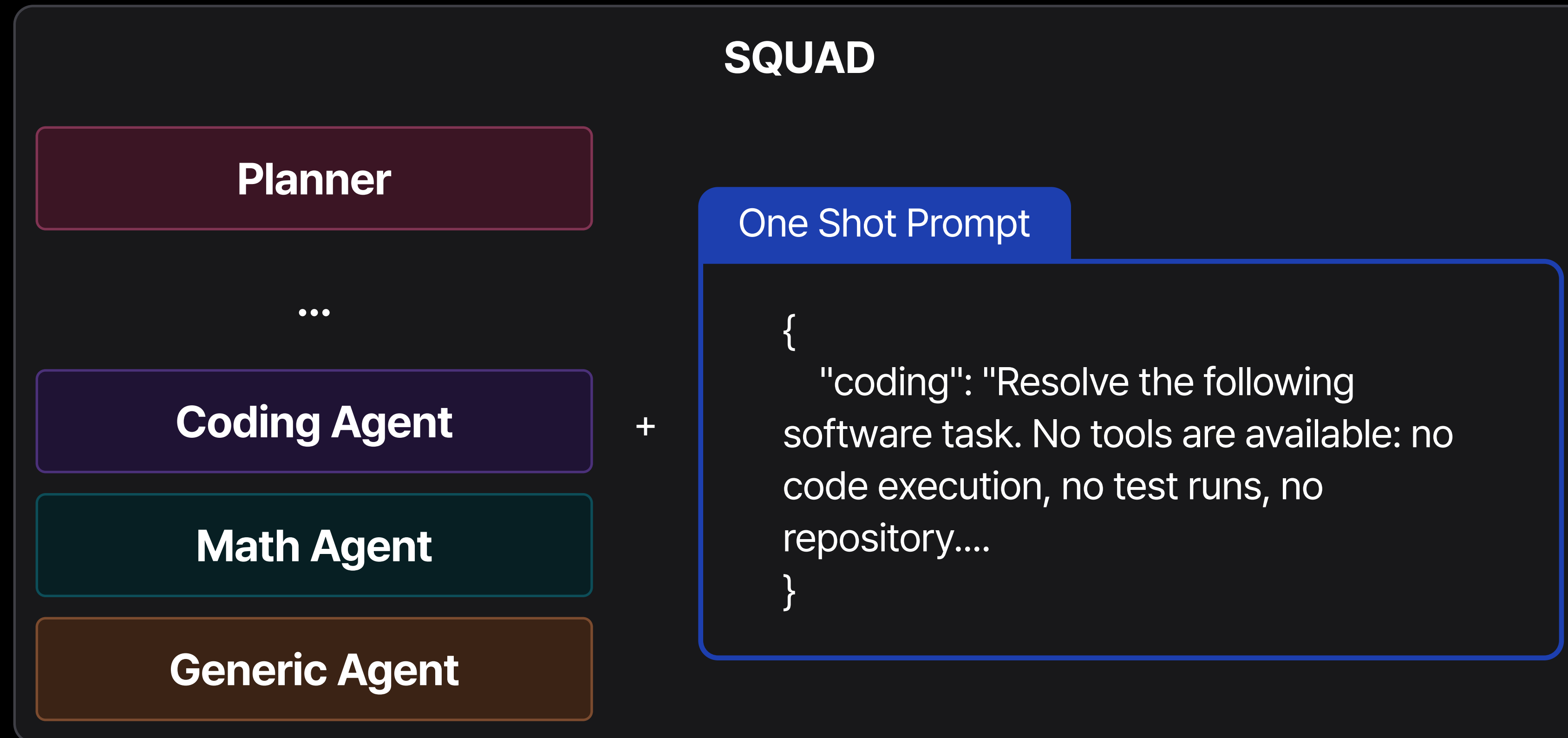
We visualized the squad's structure and execution flow for greater transparency.

Road to Squad Formation

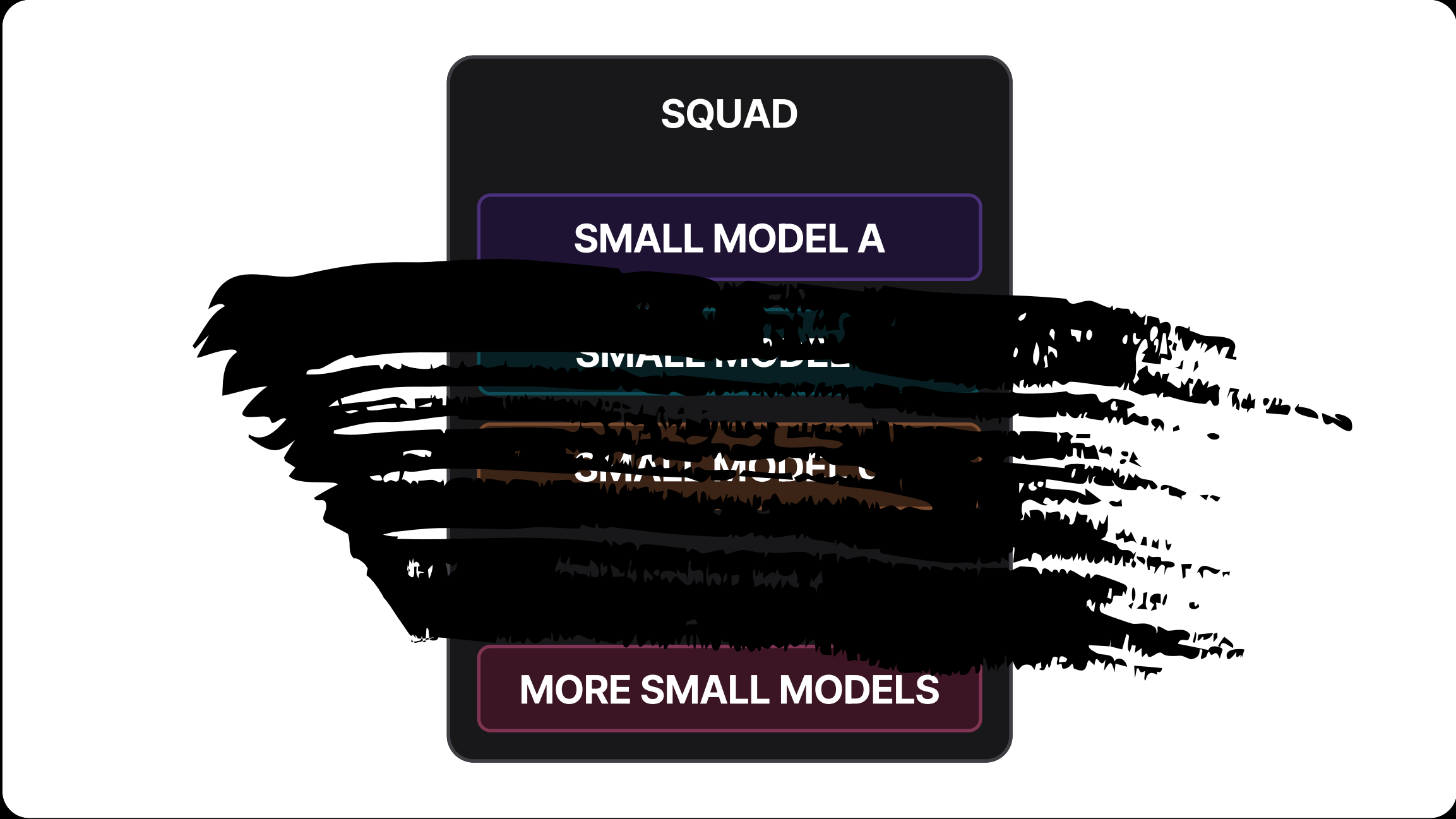
Selected candidate flow configurations based on research papers and other relevant sources.



Squad Formation

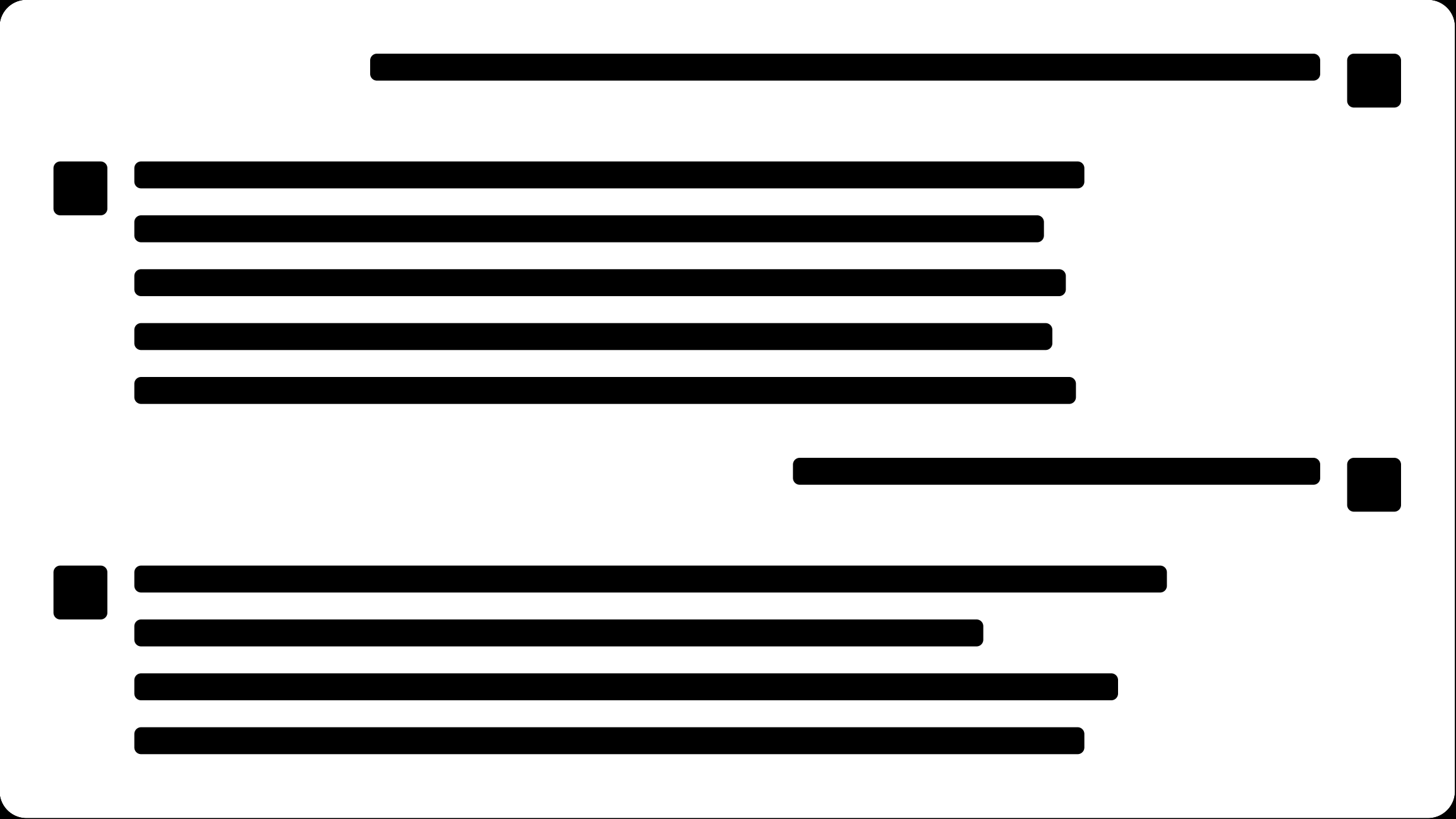


Before launching AFO...



We Cannot See How the Squad Is Structured

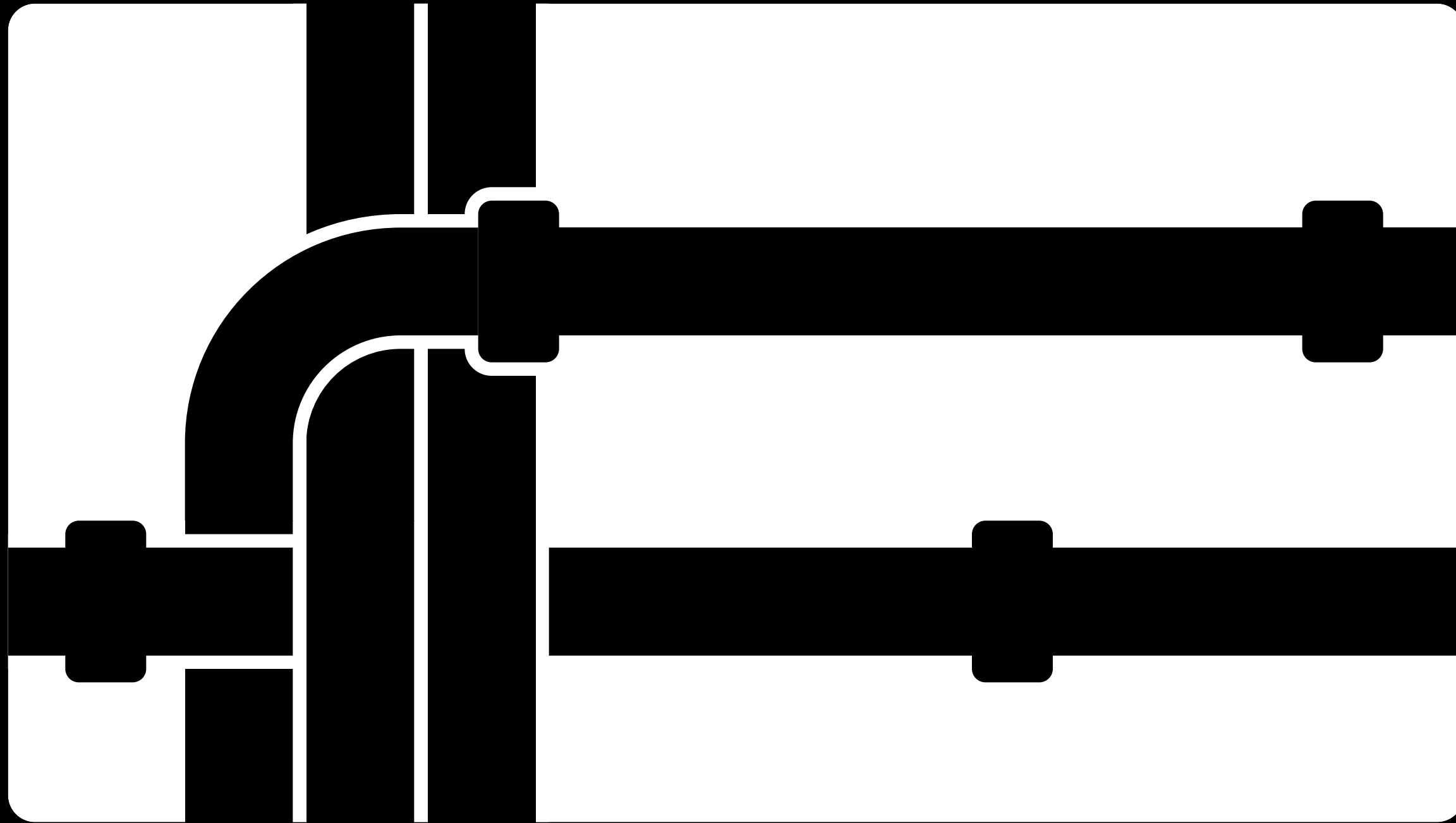
Users were unable to see the squad composition at a glance.



Invisible Parallel Workflows

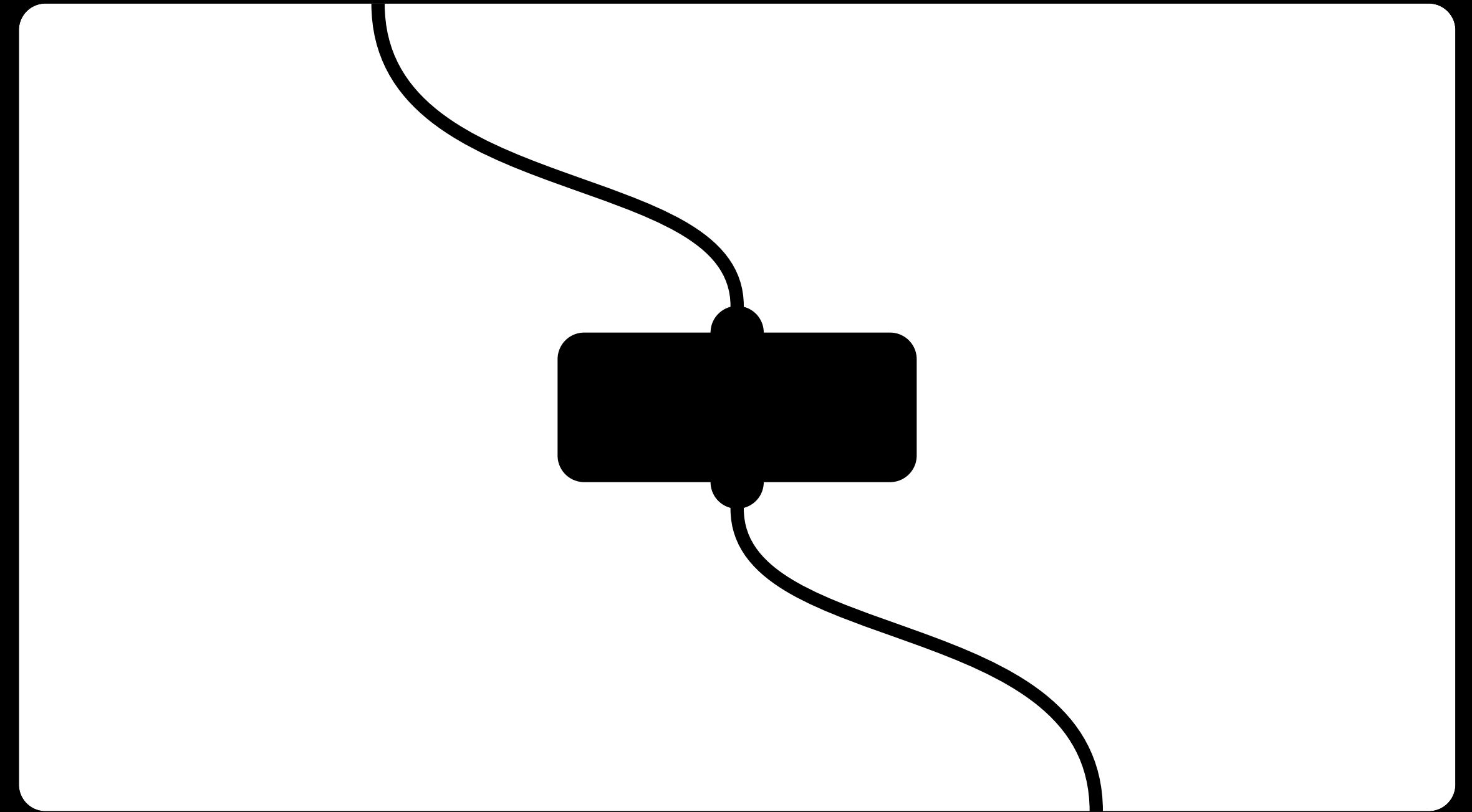
Traditional AI interfaces flatten parallel agent execution into a single linear conversation.

AFO aims to...



Build efficient multi-agent pipelines

Solve problems faster and more efficiently through parallel agent execution.



Visualize workflows with node-based interfaces

Visualize each agent's progress and connections through an intuitive node-based workflow. The reasoning process becomes an engaging flow, rather than a tedious one.

How It Works?

INPUT

Receive user input



SQUAD

Plan Analyze the task and build an execution plan

Parallelize Run independent agents simultaneously for greater efficiency

Summarize Combine and summarize agent outputs into the final result

Visualize Track the entire workflow through an intuitive node-based interface

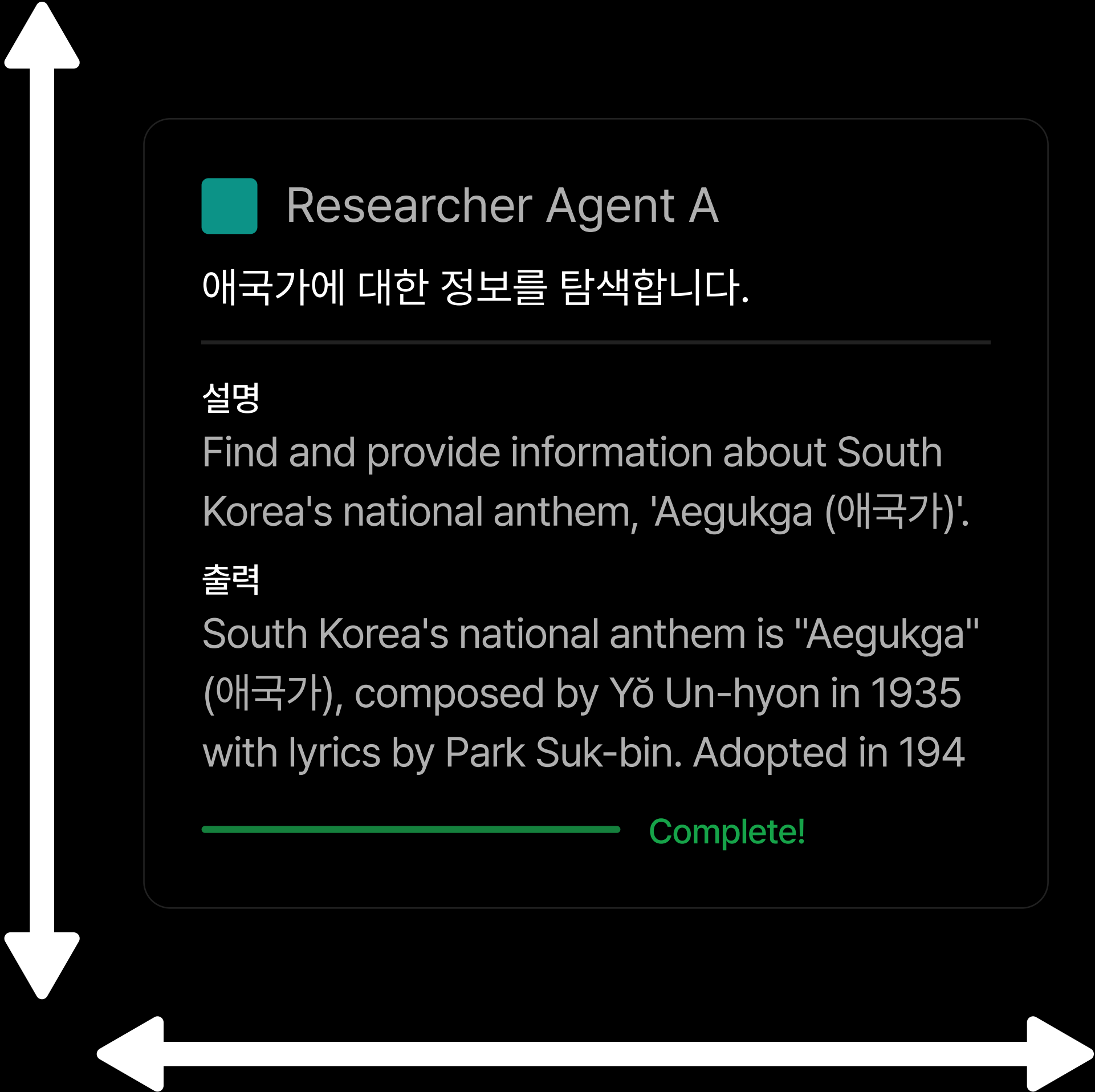


AFO OUTPUT

Present the final result to the user

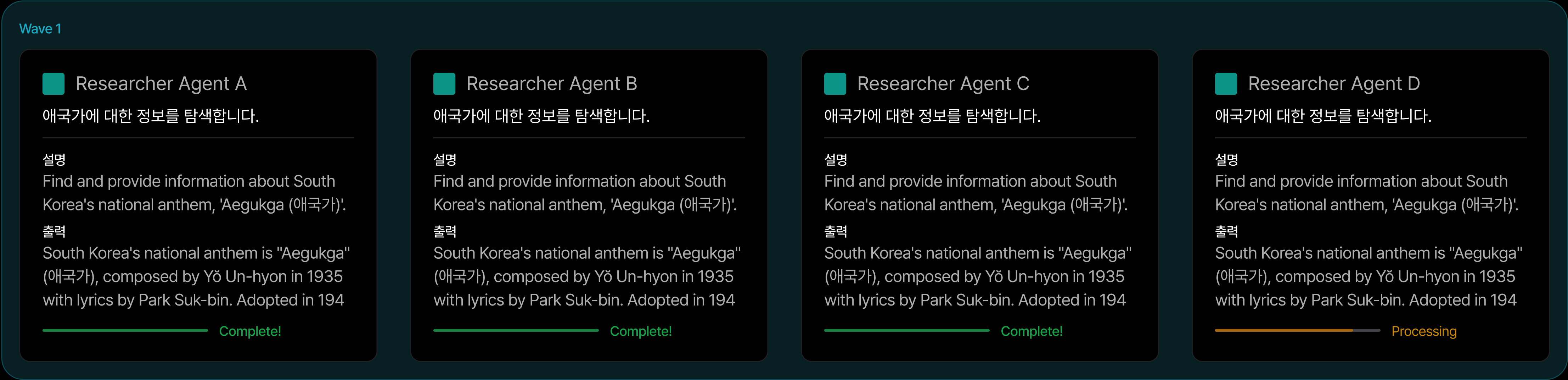
Visualization

Vertical Axis
Represents sequence



Horizontal Axis
Represents parallel execution

Visualization



Horizontal Axis
Represents parallel execution

Demo

AFO

New Chat

New Squad

Projects

리서치 스쿼드

재택근무와 사무실 근무의 생산성 비교 조사

국내 반려동물 보험 시장 현황 조사

생성형 AI 도입이 국내 콜센터 산업에 미치는 영향 조사

run7

생성형 AI 도입이 국내 콜센터 산업에 미치는 영향 조사

Wave 1

연구자

국내 콜센터 AI 도입 현황 조사

Complete!

연구자

AI 도입에 따른 인력 구조 변화 해외 사례 조사

Complete!

Wave 2

연구자

고객 만족도 및 상담 품질 지표 변화 조사

Complete!

분석가

1차 조사 결과 기반 산업 구조 변화 분석

Complete!

Wave 3

연구자

분석 결과에서 도출된 인력 재교육 사례 추...

Complete!

분석가

고객 경험·인력 변화 통합 분석 및 시사점 도출

Complete!

요약가

생성형 AI와 콜센터 산업 변화 최종 보고서 ...

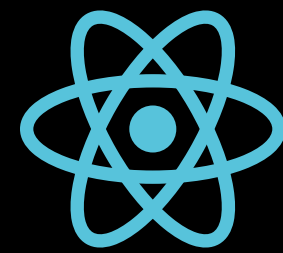
Complete!

Execution complete — 7 task(s) processed in 4 wave(s). 1. ✓ ****국내 콜센터 AI 도입 현황 조사****
Agent: `연구자` 2. ✓ ****AI 도입에 따른 인력 구조 변화 해외 사례 조사**** Agent: `연구자` 3. ✓ ****고객 만족도 및 상담 품질 지표 변화 조사**** Agent: `연구자` 4. ✓ ****1차 조사 결과 기반 산업 구조 변화 분석**** Agent: `분석가` 5. ✓ ****분석 결과에서 도출된 인력 재교육 사례 추가 조사**** Agent: `연구자` 6. ✓ ****고객 경험·인력 변화 통합 분석 및 시사점 도출**** Agent: `분석가` 7. ✓ ****생성형 AI와 콜센터 산업 변화 최종 보고서 작성**** Agent: `요약가`

System Log

Technology / Architecture

Frontend



React
Frontend library



TypeScript
Language

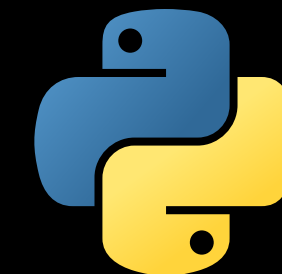


Vite
Frontend build tool

Backend



FastAPI
Back-end



Python
Language



Supabase
Database

THANK YOU!

LIMITEDBEANNoodle