AI Office

Not just an agent.

Jul 2025

#parallel #structure #visualize

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Positive Grid Intern

NO MORE CHAIN-OF-THOUGHT.

Into **structure**, **workflow**, and **results**.

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Pain points

Why current coding agents don’t scale

✓ LLM → agent ⋯⋯→ ? agent → worker

Kiro	spec and plan before implement
Claude Code	well-designed memory bank (messages/ compressed/ CLAUDE.md/ StateCache)
Lovable / base44	hidden great workflow for MVP

MISSED KEY VALUE

- **Chain-style** linear execution
- No role separation
- Lack of good system design
- Poor visibility

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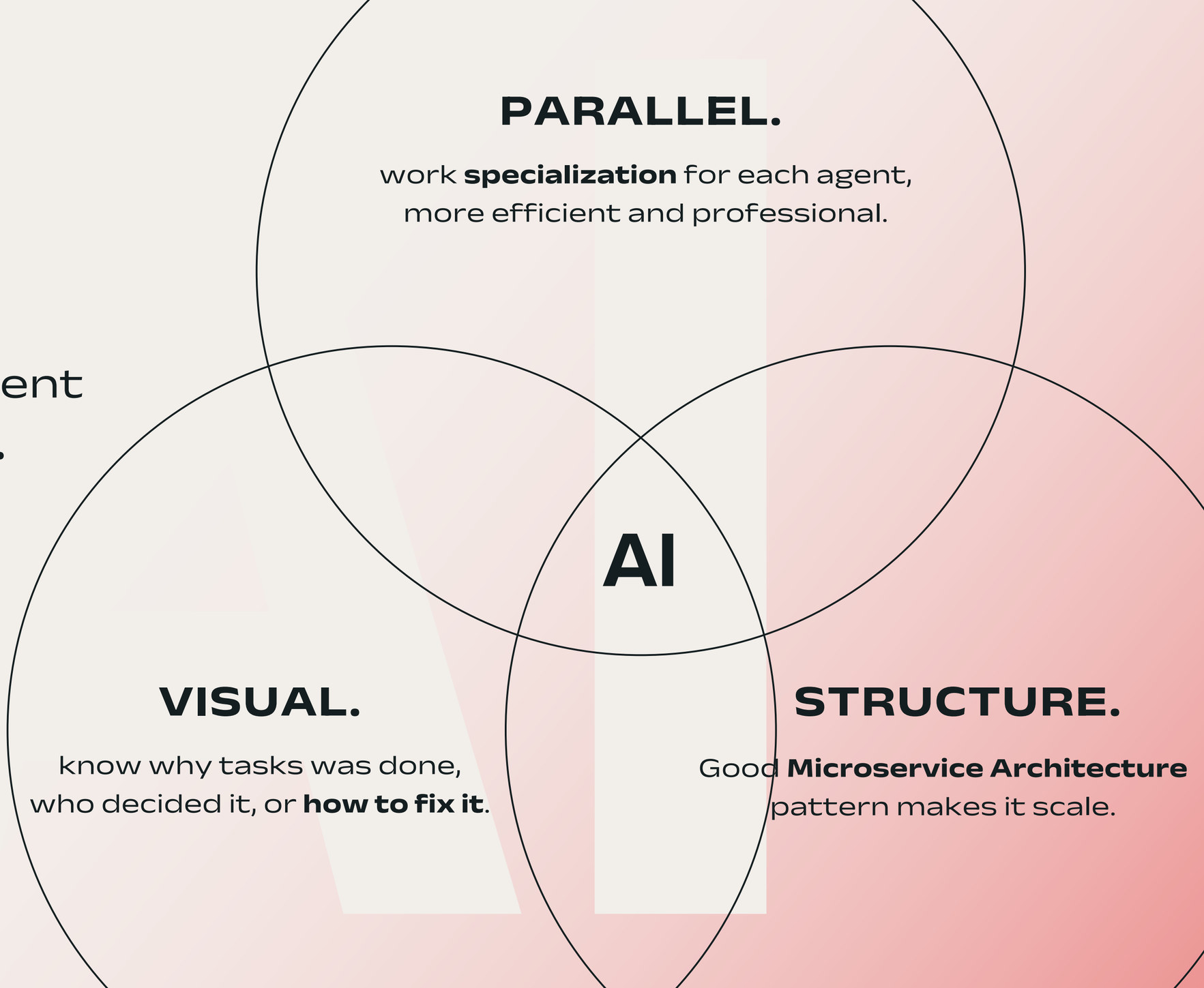
Value Proposition

“

Modern
software development
IS NOT SOLO WORK.

“



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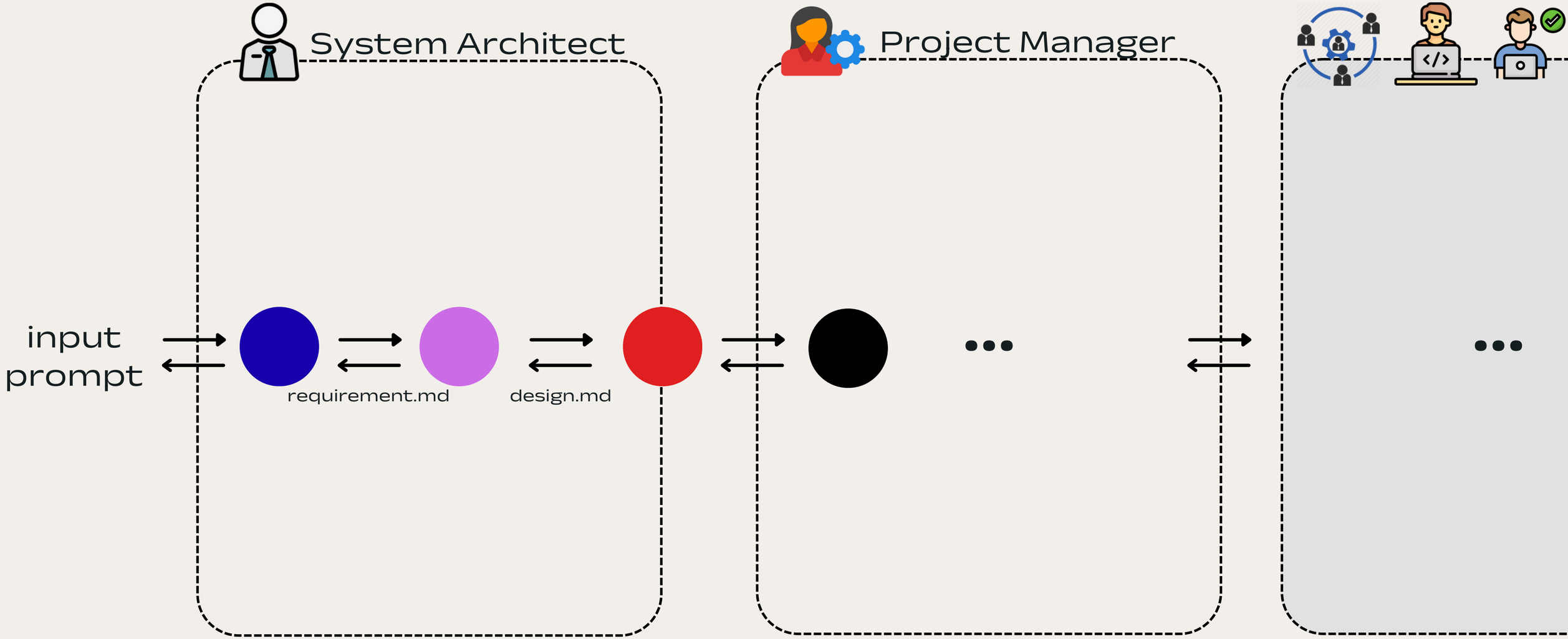
Concept - Leading a small company workflow.



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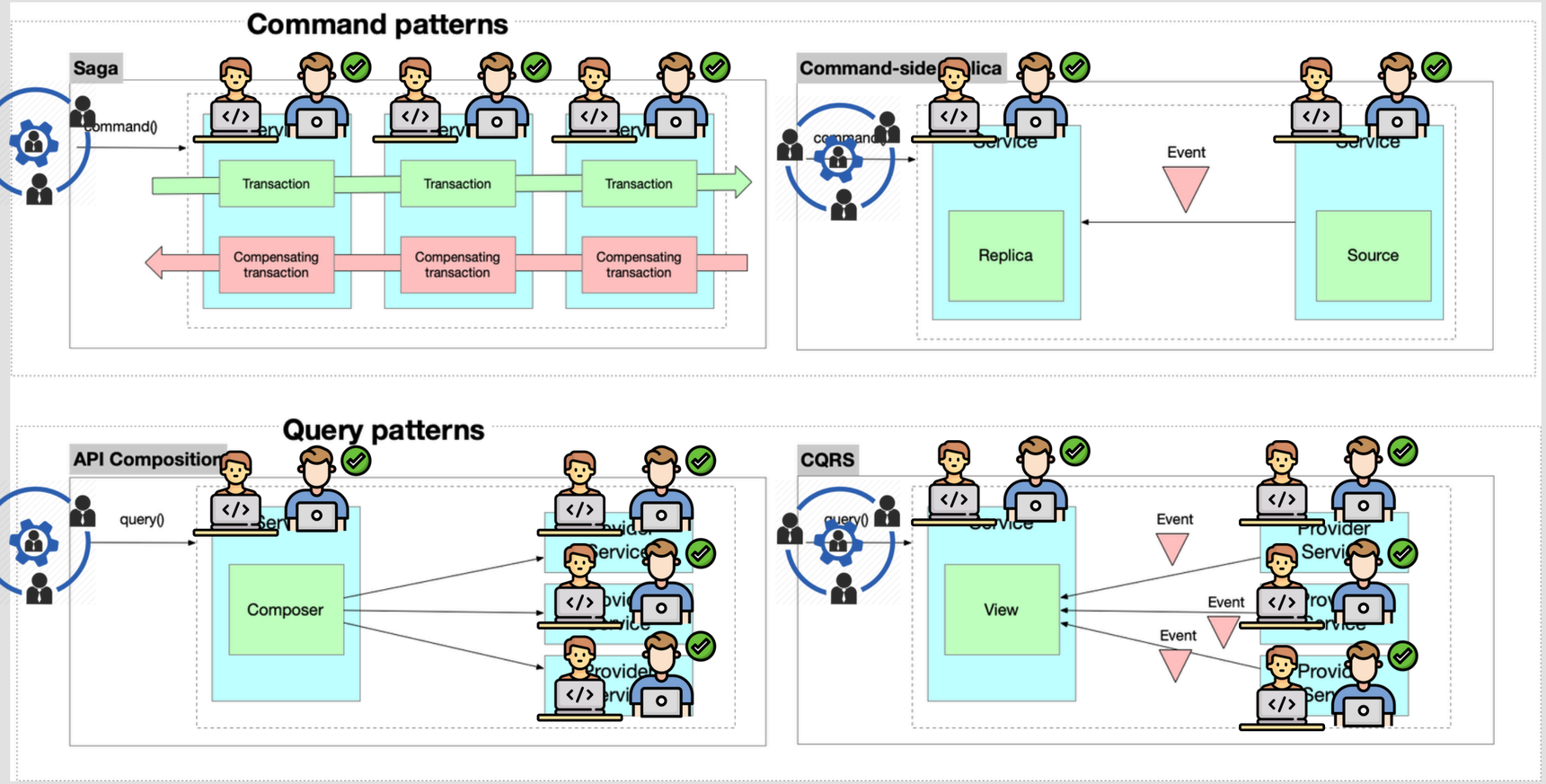
Project Coordinator, Senior Software Engineer, QA Engineer

User can see this phase, includes system architecture, progress, and revertible.



output application

(VST plugin, web, mobile app...)

Every single node are assigned spec from PM, and they should finish their task by research → TDD implementation plan → execution → validation (maybe QA engineer)

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Concept - A small company structure

Employees Pool

System Architect:
Responsible for user requirement to reliable system design.

Project Manager:
Responsible for assigning tasks spec for senior software engineer.

Project Coordinator:
Responsible for tracking dependencies between tasks,
planning parallel execution and resolving execution order.

Senior Software Engineer:
Responsible for the codebase about their own tasks.

QA Engineer:
Conducting a fully testing workflow followed Kent
Beck’s TDD and tidy first principle.

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Concept - A Natural Language Compiler

System Architect's Agents Pool

Supervisor:
Orchestrates system design, verifies completeness

Spec Parser:
Parsing natural language to EARS requirements

Pattern Synthesizer:
Interpreting EARS requirements to Microservice Architecture

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Concept - A Natural Language Compiler

Project Manager

compile Microservice Architecture to **natural language executable spec**

Project Coordinator

- manage **dependency**
- decide the workflow order for **parallel**
- track the progress

Senior Software Engineer

from natural language executable spec to **TDD implementation plan**

QA Engineer

from natural language executable spec to **comprehensive testcase**

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Parser - EARS (Easy Approach to Requirements Syntax)

Without EARS

The system will have indicator lights for when the system is activated, engaged, as well as the status of the cruise control.

Passive voice

Immeasurable quantifications

Recommended EARS

WHEN <trigger>, the <system> <imperative> <system response>.

With EARS

When cruise control is on standby, the system shall display the standby status on the dashboard.

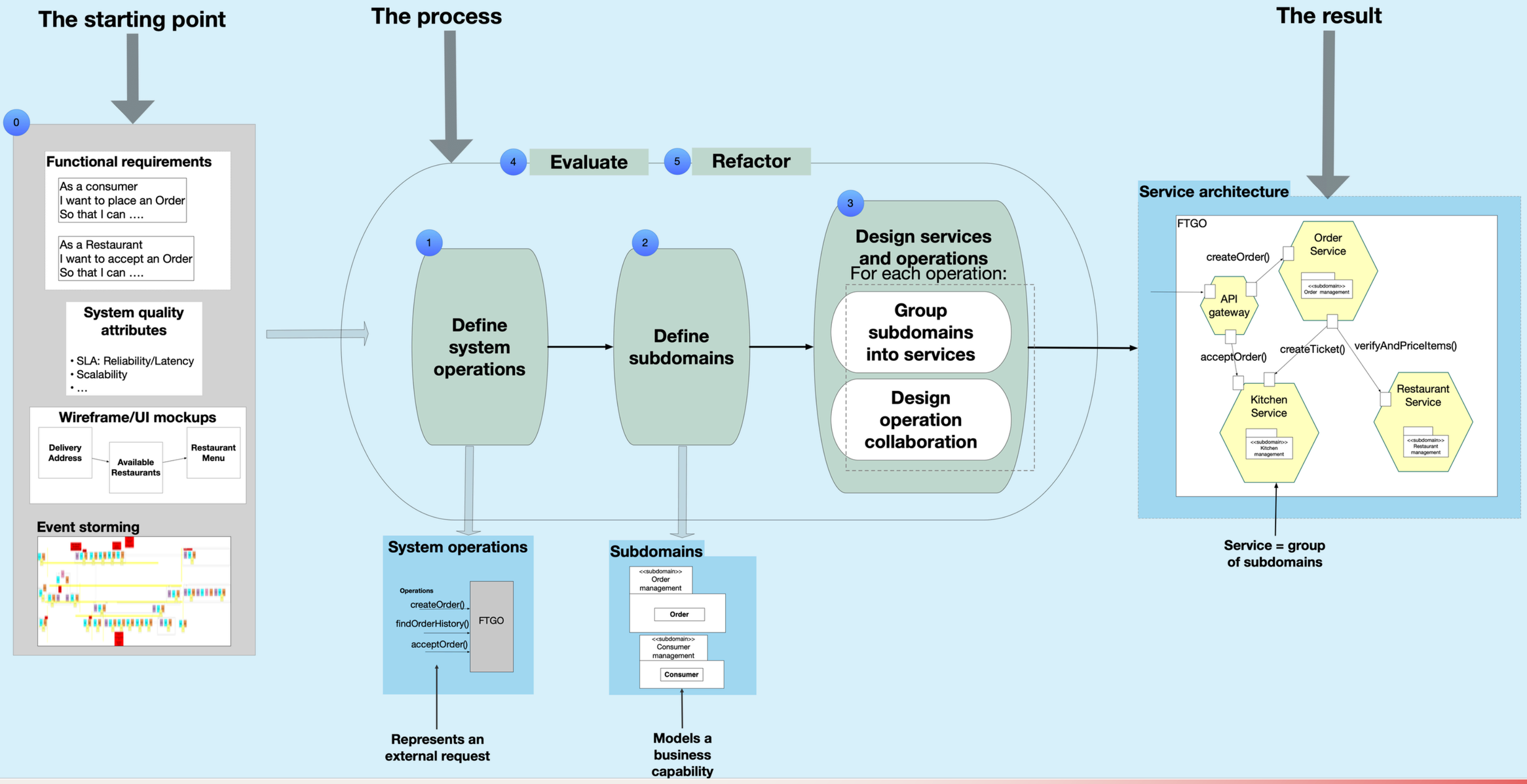
When Not to Use EARS

Can you recognize when your requirements are too complicated and should not be written in EARS (Easy Approach to Requirements Syntax)?

QRA / Sep 16, 2022

Reference: https://www.iaria.org/conferences2013/filesICCGI13/ICCGI_2013_Tutorial_Terzakis.pdf

Core Structure - Microservice Architecture pattern



Reference: https://microservices.io/patterns/microservices.html

Our Develop Roadmap

Stay tuned...

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AI DOESN'T REPLACE OUR CREATIVITY, IT EMPOWERS IT.

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