

Proposed Flow: AI Researcher

⇒ Objective: When given a complex research query by the user, Perform Web search and RAG and provide a well researched Response

2) Guidance : • Use CrewAI + Qdrant + Any LLM

⇒ Scope & Delimiters:

* Should Answer Questions about:

⇒ Technology / Innovations

⇒ Science / History / Philosophy

⇒ Mathematics / Engineering

⇒ Business / Economics

⇒ Current Affairs / Politics

* Should Reject Questions About

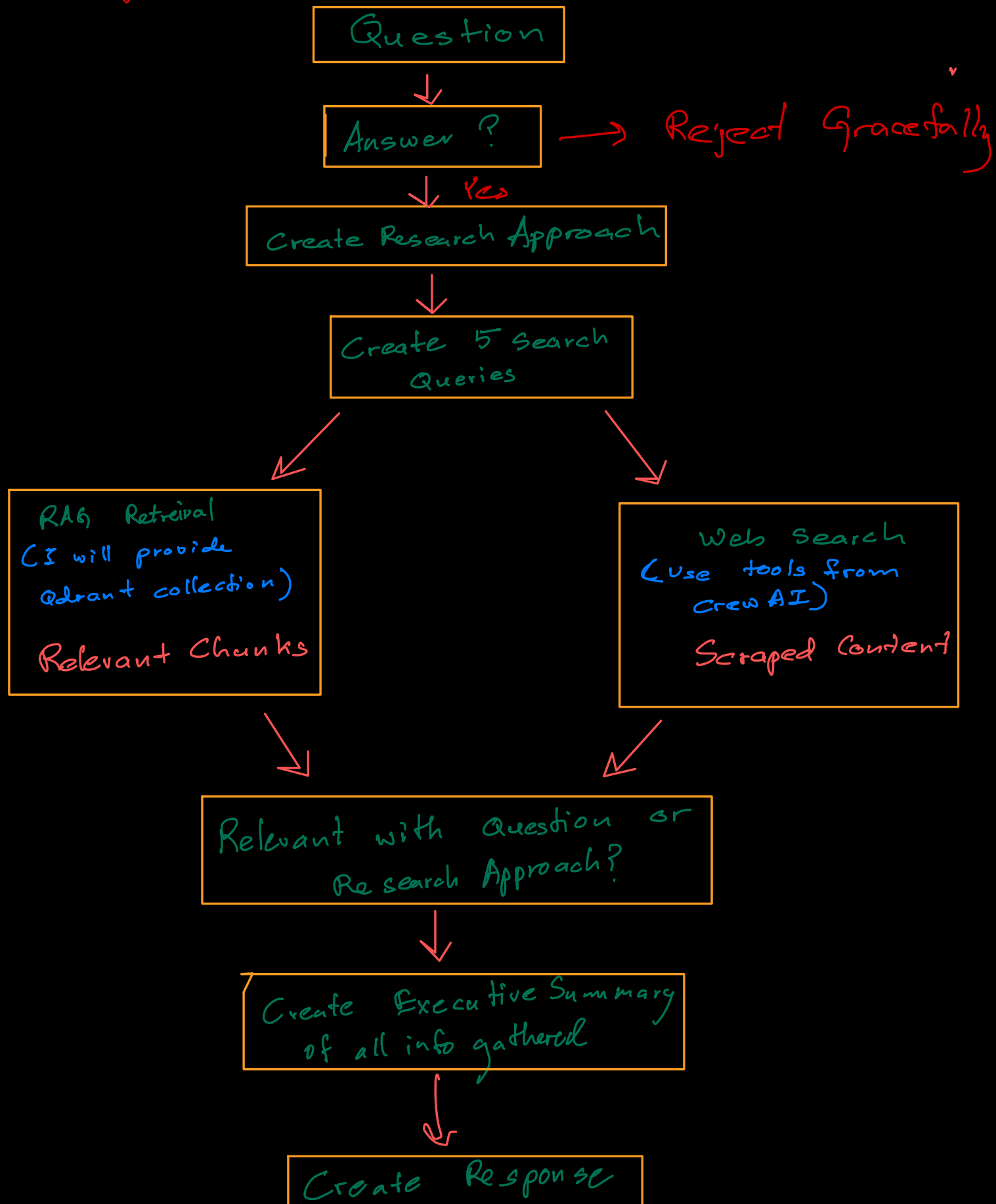
⇒ Sports

⇒ Non Questions (statements)

⇒ Harmful Content

⇒ Entertainment

Flow diagram(Proposal Only) (Tasks)



* This is just a proposal

* Be mindful of dates !

Tips:

* Optimize for latency:

⇒ It takes 10 mins = Bad

⇒ It takes 5 mins = Bad

⇒ It takes < 3 mins = Perfect!

⇒ Answer is Bullshit = Bad

* Use built-in tools in Grew AI

* This is Sequential! 🤖

* Given task Breakdown is just an example
Optimize and Customize

* Don't use Reasoning LLMs

* LLM suggestions:

⇒ gpt-4o-mini

⇒ mistral-small-latest

⇒ minstral-8b

⇒ GPT-4o / Claude 3.7

Must Be FastAPI Service!

- Must use uv (NO pip)
- Use a sensible folder structure.
- Use Pydantic V2 for endpoint Validation
- Use:
 - * type hints
 - * doc-strings / comments
 - * functional programming whenever possible
 - * RORO [Google it!]
- ⇒ * No API keys on VC ⚠
- Create a public git repo (must)
- Use .env for all API keys and other secrets
- Use clear commit messages and sensible commits
 - ↳ don't dump code in single commits