

MYGeranHub

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DIM SUM AT OLD KLANG ROAD

PROBLEM STATEMENT & MOTIVATION

Finding and applying for Malaysian grant is painful.

- Grant information is scattered across dozens of PDF circulars & portals (MDEC, SME Corp, Cradle, Khazanah).
- Eligibility rules are buried in dense legal text.
- SMEs often don't know which grants they qualify for.
- Requires user to log into website to be able to view details of grant.

Why this problem matters:

- Malaysia's MADANI government releases frequent digitalization grants, but uptake is low.
- Unlocking correct grant access can help startups scale faster, innovate, and contribute to the digital economy.

OBJECTIVE

- 1 Eliminate grant awareness gap.
- 2 Streamline application process.
- 3 Improve approval success rates.
- 4 Enhance decision-making capabilities.
- 5 Create grant ecosystem transparency.

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- 1 Startups
 - 2 Small & Medium Enterprise (SMEs)

TARGET USERS

OUR SOLUTION

MYGeranHub transforms the complex, time-consuming grant application process into an intelligent, streamlined experience through a sophisticated AI-powered platform that acts as a strategic advisor.

The system begins by **ingesting and continuously updating** all active grant guidelines from major Malaysian agencies like MDEC, Cradle, and SME Corp into a centralized knowledge base. When a founder provides a simple company profile, our AI doesn't just perform a basic keyword search; it **executes a multi-step reasoning chain**. First, it performs a **hybrid search** (combining keyword and semantic meaning) to identify the top grant matches. Then, it critically **analyzes the dense eligibility criteria** against the user's profile, explicitly **highlighting any missing qualifications**, such as Bumiputera ownership requirements. . This end-to-end solution effectively moves founders from fragmented information and manual effort to precise, AI-driven grant matching and professionally drafted applications in minutes.

KEY FEATURES

CORE FEATURE



Grant Matching Engine

1 AI checks your company profile against eligibility rules inside real grant PDFs.

Multi-Language Chatbot (BM + English)

2 Users can ask in Malay or English for full accessibility.

Accurate Up-to-Date Grant Search

SYSTEM FEATURE

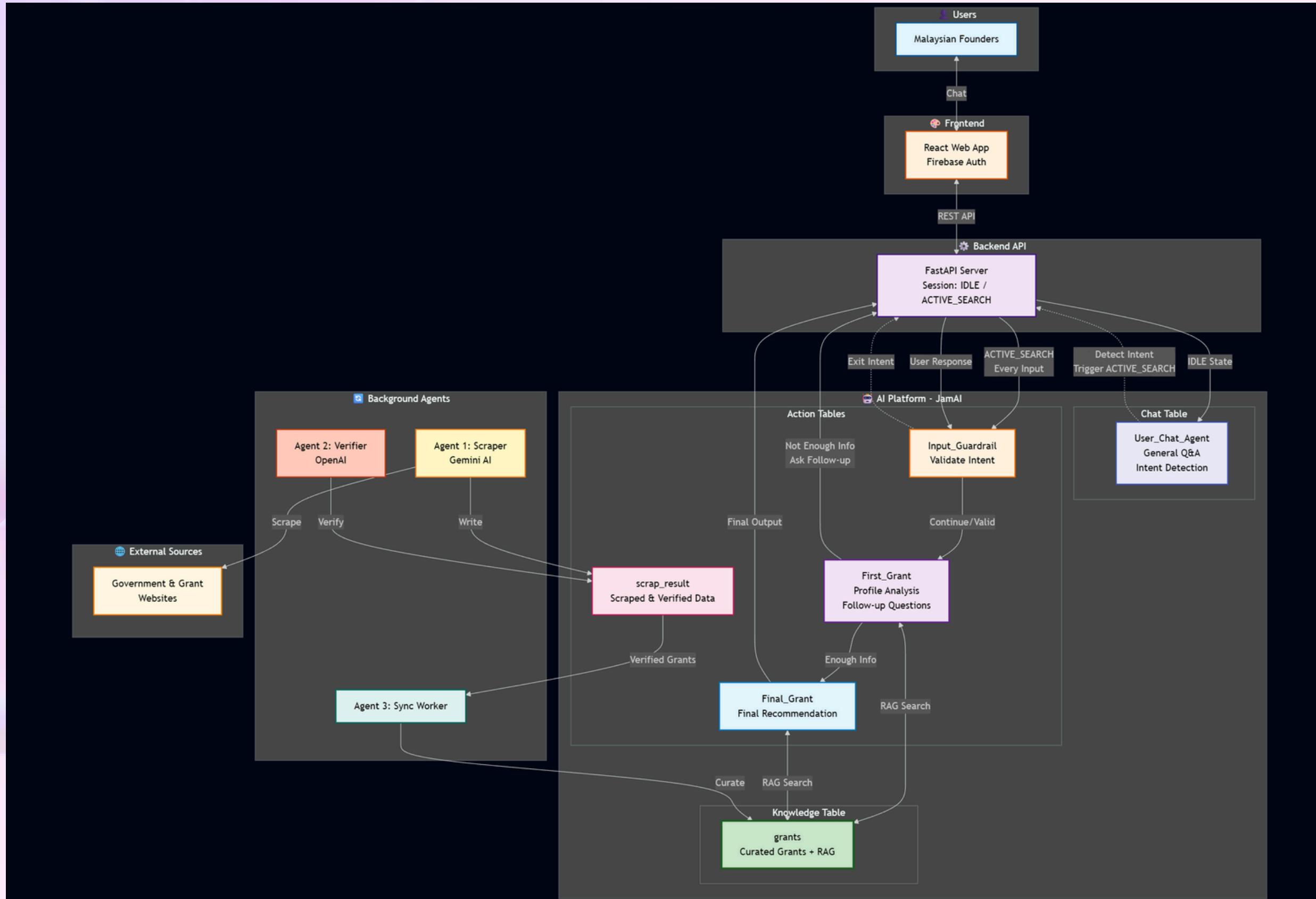


1 Agentic web scraping for Malaysian grant, followed by AI chained reasoning for validation in JamAI base action table

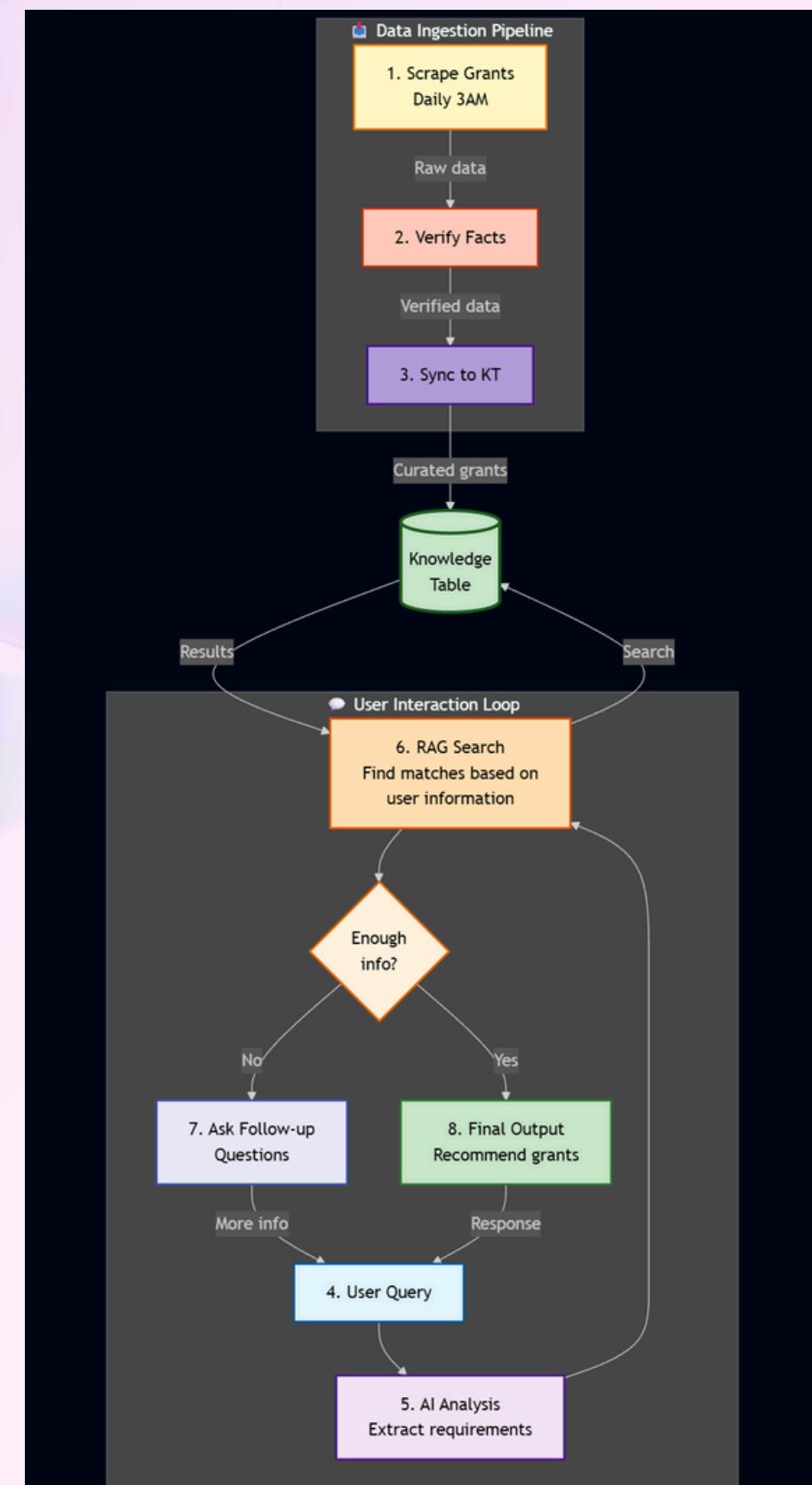
2 Hybrid Search (Keyword + Semantic) for accurate grant retrieval based on custom company profile.

3 RAG pipeline using JamAI Base Knowledge Table.

SYSTEM COMPONENTS



SYSTEM DATAFLOW



TECH STACK

Backend

- Python FastAPI
- JamAIBase Chat Table
- JamAIBase RAG Knowledge table
- JamAIBase Action Table
- Firebase

Data processing & Scraping

- Web scraping: Google Gemini AI
- Verifier: GPT o4 mini
- Background running cron

Frontend

- React + TypeScript

INNOVATION & DIFFERENTIATION



Not just a search engine — a reasoning engine.

The system cross-references your profile with legal text in grants using multi-step reasoning.



Fully Malaysian-focused (sources, agencies, language, rules).



Comprehensive Agentic Pipeline for Scrapping and Verifying Grants.

Backend system ensures structured extraction of criteria into JSON.



Auto-updating grant knowledge base.

Powered by AI web scraping agents running on background everyday.

ROADMAP

Phase 1 - MVP

- Grant matching chatbot (BM & EN)
- RAG search over grant PDFs
- Eligibility checker



Phase 2 - Expansion

- Full automation of PDF updates
- Dashboard for tracking applied grants
- Complete sourcing of information retrieved



Phase 3 - Advanced AI

- Auto-fill government application form
- Company document verification
- Integration with Malaysia's SME portals



Phase 4 - Regional Scale

- ASEAN grant database (Singapore, Indonesia, Thailand)
- API for universities and SME hubs



MYGeranHub

CLOSING

To conclude, MYGeranHub matters because we're not just building another SaaS platform, we're democratizing economic opportunity for every Malaysian entrepreneur. When a Kedah farmer can access the same grant intelligence as a KL tech startup, when a woman-owned SME in Kelantan can secure funding as easily as a corporate giant, we're not just streamlining applications, we're leveling the playing field. This is about ensuring that Malaysia's digital transformation includes every business, in every state, because true economic growth happens not when a few succeed, but when thousands of small businesses thrive. We're not just helping companies secure grants; we're fueling the backbone of Malaysia's economy, one intelligent match at a time.