

Fall in Love with DeepSeek Hackathon

KAIJU

Explore and Chat

"Leveraging DeepSeek and Camel-AI for Smarter Search
and Collaboration"



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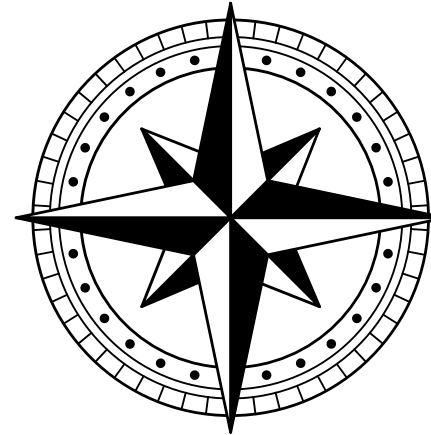
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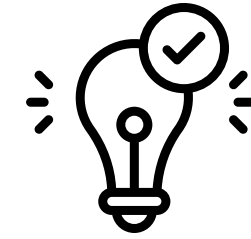


Problem Statement



- **Navigation systems lack personalized insights and decision-making capabilities.**
- **Searching for location-specific data often yields generic or incomplete results.**
- **Current AI agents lack multi-agent collaboration for generating contextual insights.**

Solution Overview

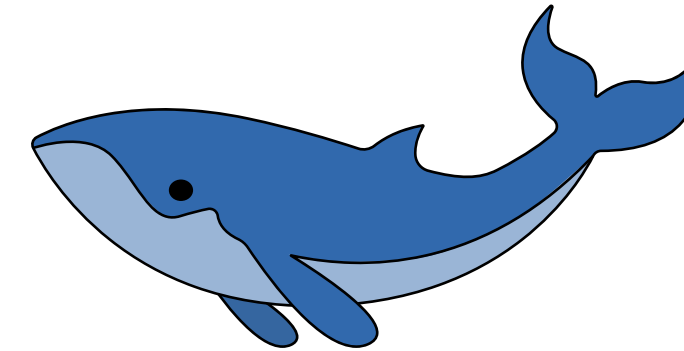


- Combines DeepSeek AI for semantic search.
- Integrates Camel-AI for multi-agent collaboration.
- Builds an AI-powered system for:
 - Personalized travel recommendations.
 - Contextual navigation insights.
 - Smarter query handling with AI agents.

Key Features

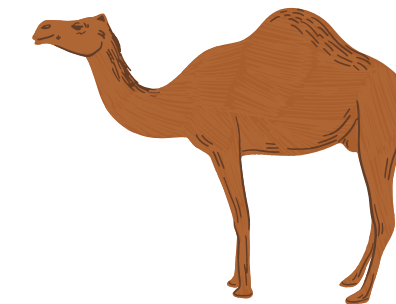
DeepSeek Integration:

- Semantic understanding of user queries.
- Personalized recommendations based on context.



Camel-AI Multi-Agent System:

- Collaboration between agents for better insights.
- Context tracking and role-based AI.



KaijuMaps Dashboard:

- Collaboration between agents for better insights.
- Context tracking and role-based AI.



Technical Architecture

Frontend:

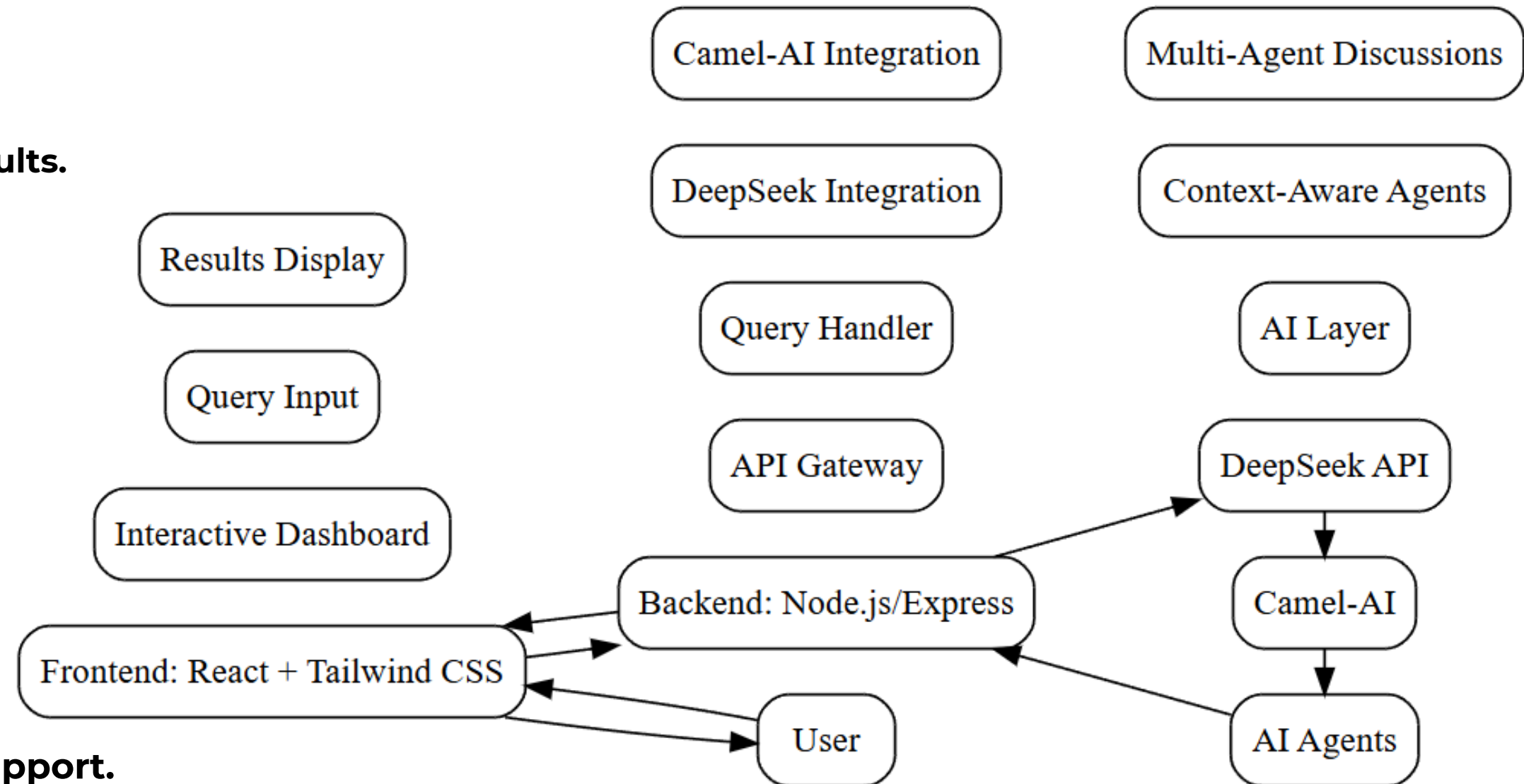
- Built with React + Tailwind CSS.
- Interactive dashboard for queries and results.

Backend:

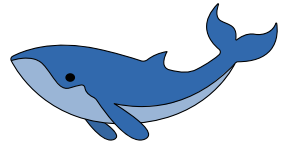
- AI-powered API for handling queries (Node.js/Express).
- DeepSeek API for semantic search.
- Camel-AI for multi-agent orchestration.

AI Agents:

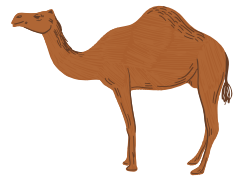
- Context-aware response generation.
- Multi-agent discussions for decision support.



DeepSeek AI & Camel AI

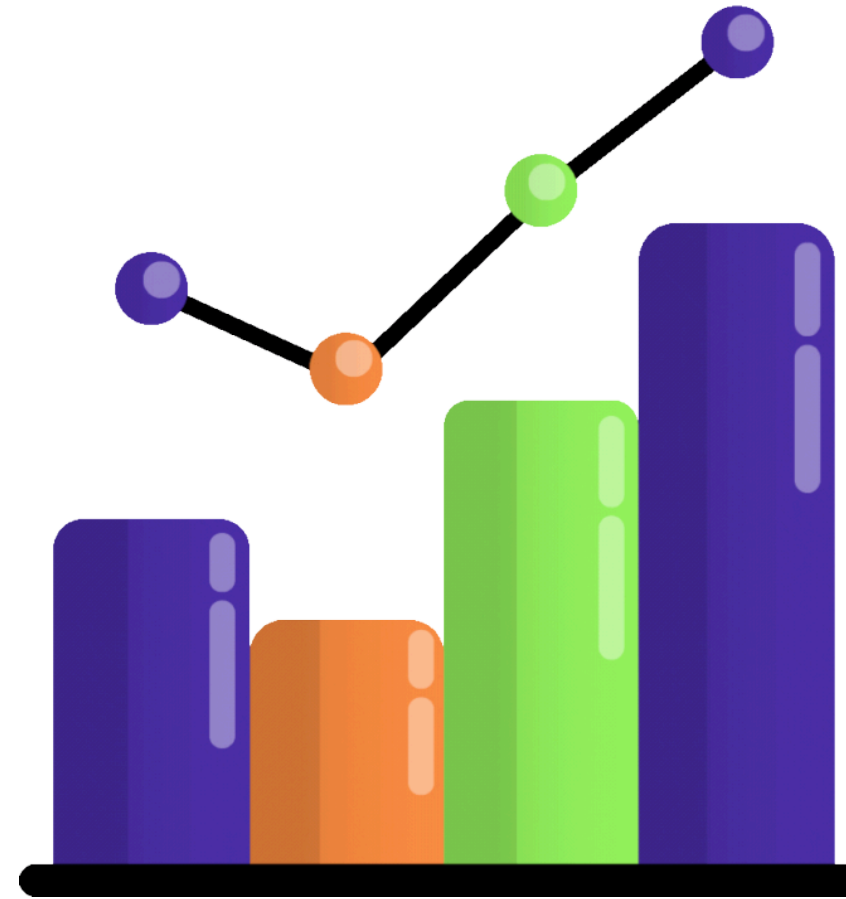


- Leverages DeepSeek API for semantic query understanding.
- Generates highly relevant search results using AI.
- Optimized for:
 - Personalized navigation queries.
 - Travel-specific search results.



- Context-aware agents for:
- Refining search results.
- Role-based insights (e.g., travel planner, navigator).
- Handles multi-step queries and decision-making.
- Improves user experience with enhanced AI collaboration.

Results and Impact



- Enhanced user experience with contextual navigation.
- Reduced decision-making time for travel and location-based queries.
- Pioneering AI multi-agent collaboration in navigation systems.
- Scalable and adaptable for various domains (e.g., business, finance).

Future Scope



- **Expand to other domains like healthcare and education.**
- **Enhance collaboration with more agent roles.**
- **Integrate advanced AI models for predictive analytics.**
- **Deploy real-time mapping features with AR/VR integration.**

THANK

YOU