# Deakin AI Helper

Provide intelligent Q&A service for Deakin students

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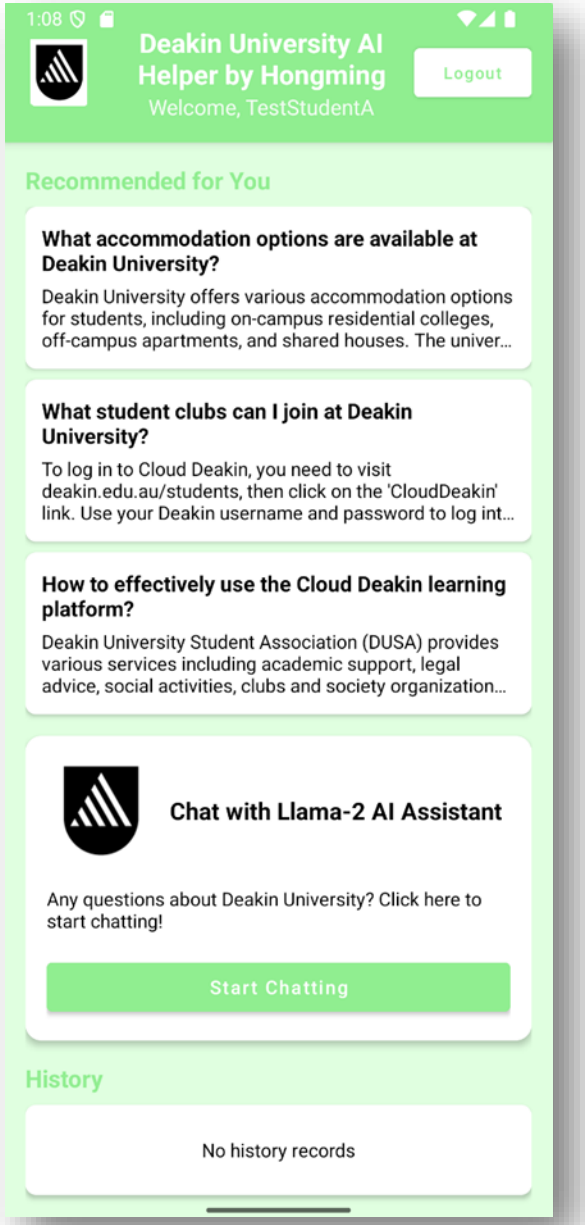


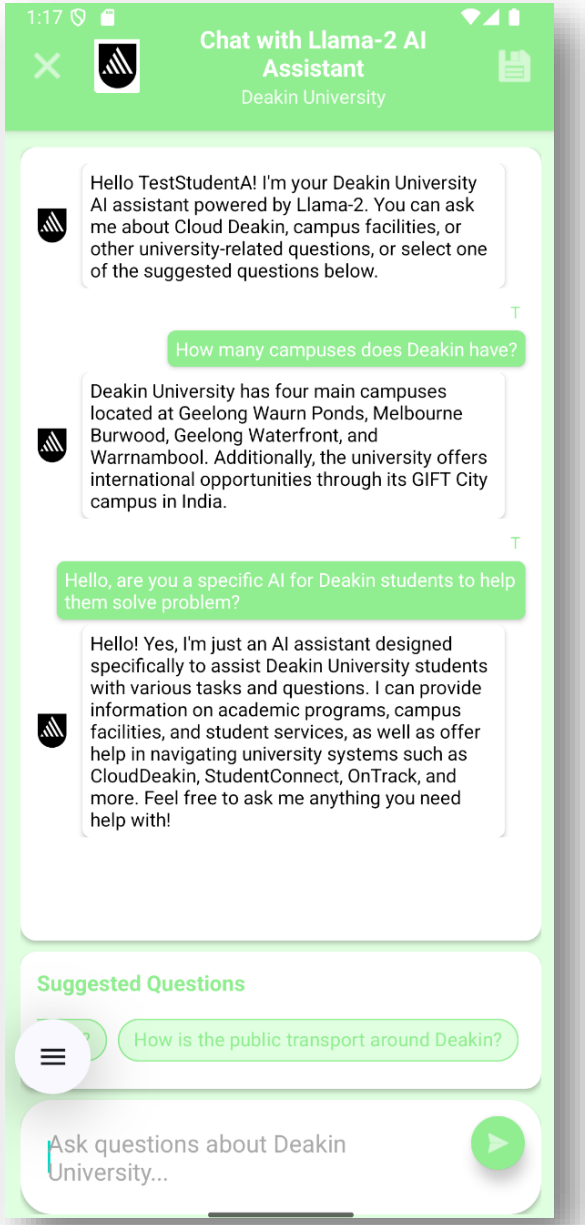

# Key Features

- Llama-2 model via Ollama local deployment
- MongoDB Atlas cloud database integration
- Automated scrapper to collect real data from Deakin websites
- Flask backend API
- Efficient error handling

# Development process

- In order to create a personalized, dedicated intelligent assistant for Deakin students
- Encountered a core challenge: How could I obtain a large volume of real-time data about Deakin?
- A dedicated Python web scraper can solve this data problem
- Ensuring the scraped data could be stored in a format suitable for the AI model to read.
- Other necessary features to build a complete application prototype

# Conclusion

- Successful and complete system integration and automated data collection
- User-friendly interface and efficient database management

# Future plan

- Have more personalized recommendations and advanced analytics
- Try to do real-time data updates and improve model functionality to improve response accuracy