

AI-Driven Jargon Simplifier using Koala AI



Z E R O

FRICTION | COMPLEXITY | ERRORS

Introduction

- This solution aims to leverage AI to transform bureaucratic government content into clear, accurate, and user-friendly information
- The focus is on operationalizing the Australian Government Style Manual's guidelines, improving inclusivity, accessibility, and accuracy, while integrating AI into existing workflows for measurable benefits



Australian English for Australians

Leans from Australian English Standards



Accuracy of content

Generate results using government datasets only



Accessible Design

Plain text output with no Jargons



Agentic flows

Specialised models for each specific area

Introducing Koala AI



Koala AI is an intelligent chatbot that answers all questions from government legislations/reports in a contextual, simplified, accessible format.

The URL for the application is - <https://dev.digionboard.centelon.com/govhack>

Design Inspiration

The theme is designed to evoke trust, accessibility, and transparency while maintaining an inviting atmosphere—just like a sunny day on Bondi Beach or a walk along the Great Ocean Road

Why Koala

The koala, one of Australia's most beloved animals, represents the laid back yet intelligent approach we've adopted. The koala's ability to pause and think embodies the AI's careful consideration of user queries before simplifying complex content

Users of Koala AI

Government Employees

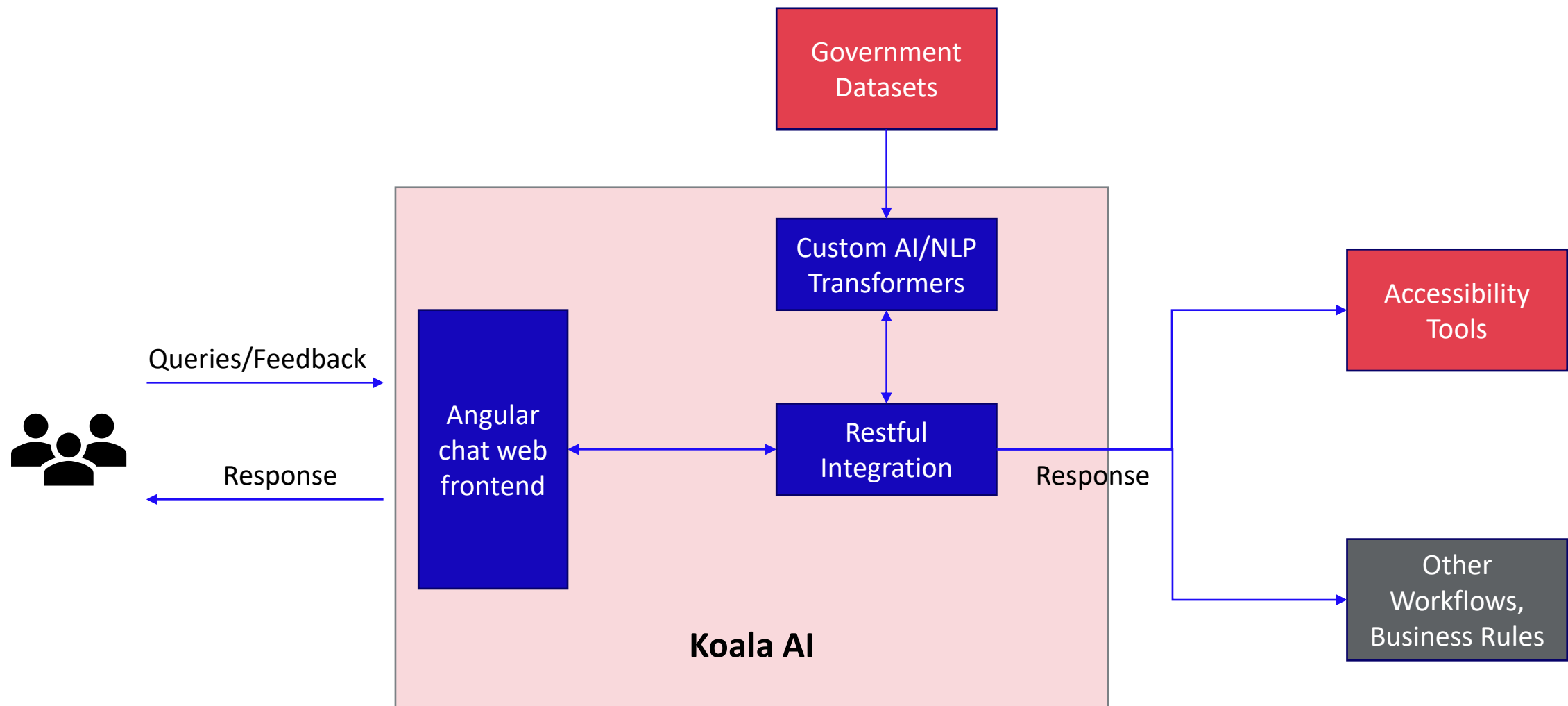
Use the engine to fine tune their communications tailored to specific audience

General Public

Ask questions about a legislation and get response in a clear, jargon-free and understandable format

Common underlying theme for both user types is that the model ensures Australian language standards and Australian Government Style Manual Guidelines are followed.

Koala AI – Tech Stack





AI-Powered Processor

NLP and ML models trained on relevant data sources



Australian Language

Consistently apply Australian language standards over domain-specific responses



Accurate Content

Implement RAG, where AI consults expert datasets before generating responses, ensuring accuracy



Integration

Adopt an API-first strategy to ensure easy integration with various platforms and tools

What's in it for YOU?

Koala AI Value Proposition



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Jargon Removal

Remove regulatory jargons from the text with easy to understand terms and phrases



Australian Government Style

Apply Australian government writing style on the output to ensure level of professionalism required



User Feedback

Provide government users feedback on how content has been improved, referencing Style Manual sections



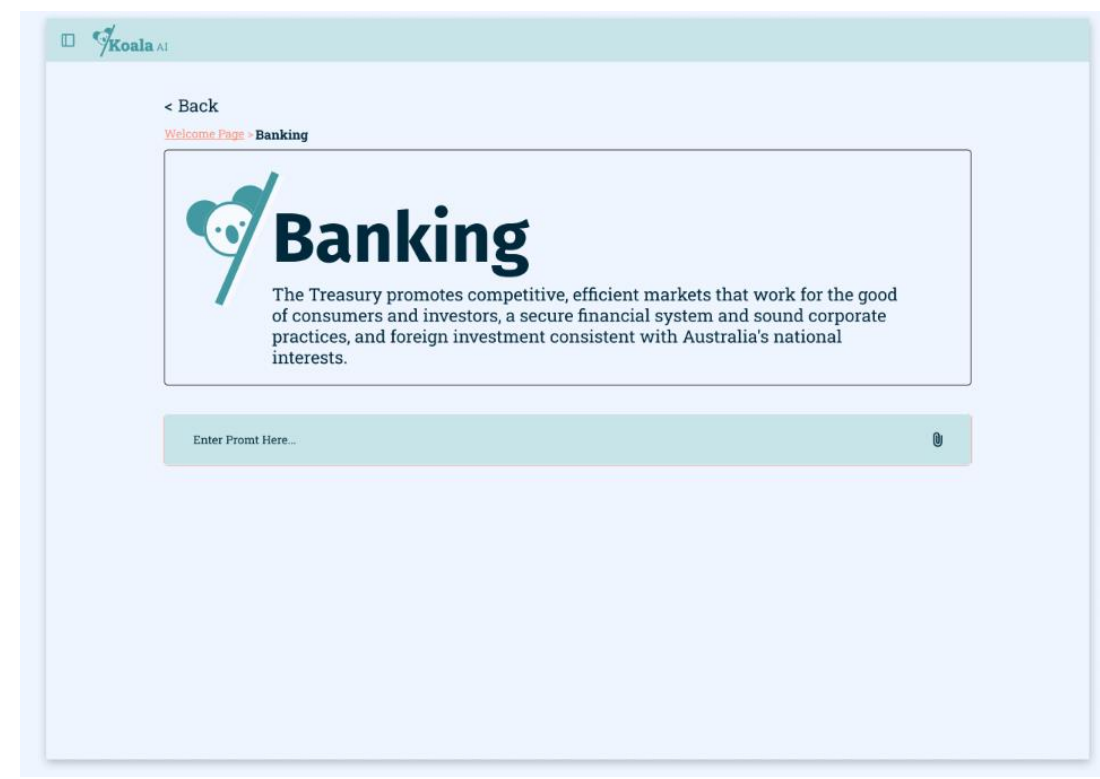
THANK YOU!

Target State - Application Designs

Landing Page

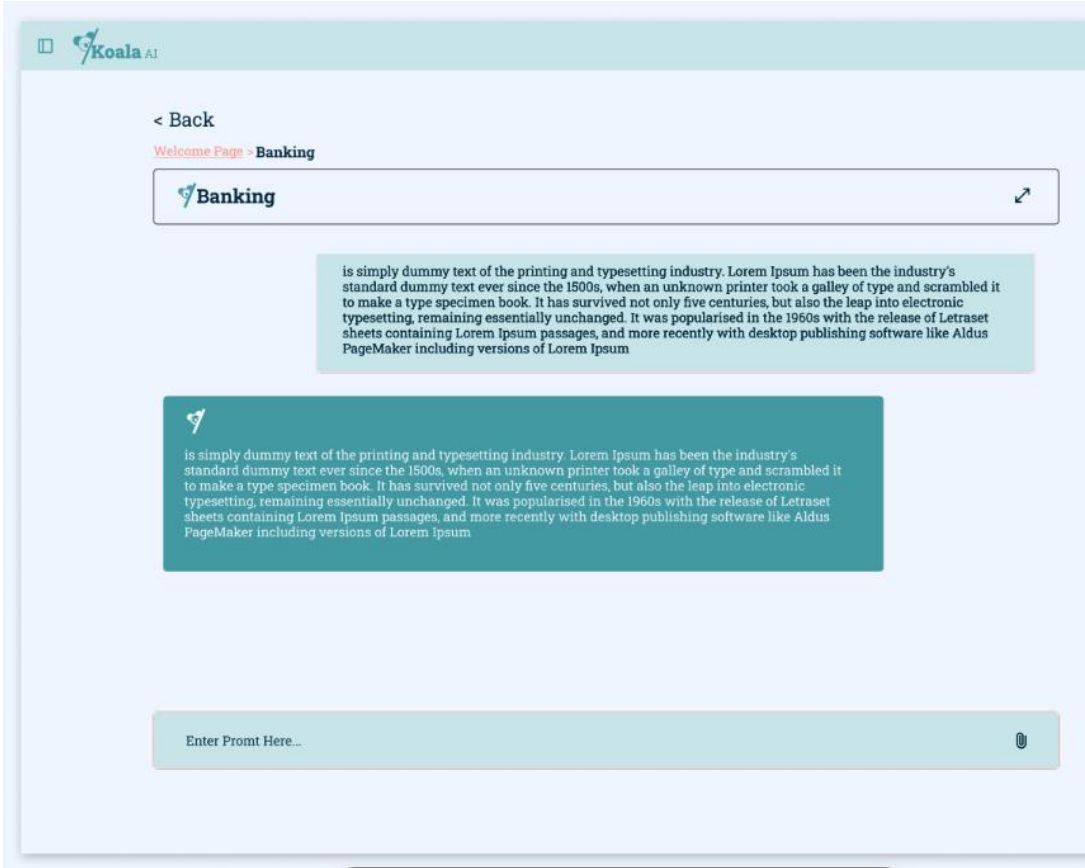


Screen for User queries



Target State - Application Designs

Query and Response



Past Queries View

