

Franz

Team Lyfestyal

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Intro

Challenges:

1. “*Use AI to transform bureaucratic jargon into plain English:*
Use AI to transform bureaucratic jargon into plain English
How can we use AI tools to apply Australian Government Style Manual rules and guidelines to create, edit and review content?”
2. “*AI in Governance:* How can governments use AI to boost efficiency and transparency in public sector operations while addressing concerns regarding ethics, data privacy, and public trust?”

Reality Check

New AI Tool! \$300K to \$2M flagfall,
Departmental budget, bit of a dice roll...
How about it Sir?

Unclassified material:
so many tools already
for grammar,
clarity and WCAG
compliance!

How about just
more training?



Office 365 Copilot
does part of the job. We kind of have
to buy it anyway.

Seriously, why can't people
just spell and grammar check?
It even flags passive voice which is
honestly half the issue!

How painful is this problem
really, honestly, if we stare
deeply into our souls?
Will styling efficiencies bring
people cheering to the streets?

Our Original Solution

1. Focus on Microsoft Word documents, classified, agency's security domain
2. Easiest possible interaction: AI adds margin comments, tied to spans of text. That's it.
3. Expandable to for any rules that apply to text, not just style guidelines.

What the User Sees

CABINET SUBMISSION: A Nuclear-Powered, AI-Controlled Paperclip Factory for Australia, using All-Australian Steel, Foreign Brains ¶

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Objective ¶

This proposal outlines the development of a government-funded, nuclear-powered, AI-Controlled paperclip factory aimed at establishing Australia as a global leader in precision manufacturing, utilizing clean energy, advanced automation to efficiently produce paperclips at an industrial scale. It will use all-Australian dirt, turned into all-Australian steel, turned into all-Australian paperclips. It will encourage immigration from countries of people that know how to do this stuff better than we do. Let's drain their brains for a change! It will also definitely not carpet the globe in solar panels and kill us all. ¶

Rationale ¶

1. → **Encourage Skilled Immigration:** The factory will encourage skilled immigrants from countries with established nuclear industries such as China and Japan. Australia is already an attractive destination: there are already established clusters of Chinese and Japanese people here. Australia can attract valuable talent, foster cross-cultural innovation, and further strengthen its industrial and technological capacity. ¶
2. → **Revolutionizing Paperclip Manufacturing:** By combining nuclear power and AI, this factory will produce paperclips with unparalleled efficiency, precision, and consistency. AI algorithms will

Relevant span of text

AI comment, with reference

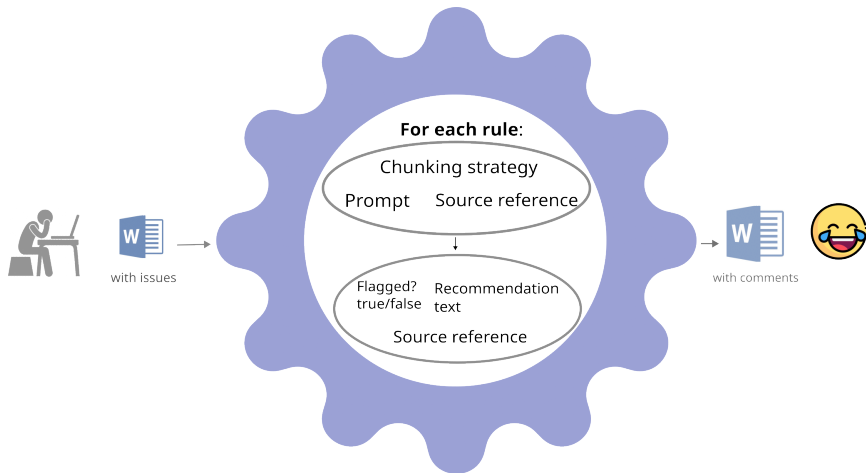


Franz AI 14 minutes ago

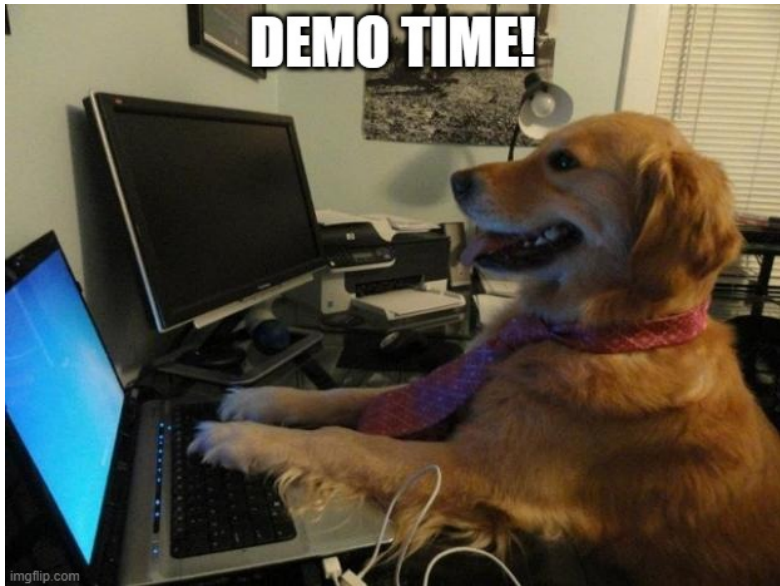
Use inclusive language. Consider rephrasing to refer to 'Chinese-Australians' and 'Japanese Australians'. See Australian Government Style Manual: <https://www.stylemanual.gov.au/accessible-and-inclusive-content/inclusive-language/cultural-and-linguistic-diversity> ¶

Reply Resolve

The Process



DEMO TIME!



Box Ticking Time!

All GovHack entries will be judged by the GovHack Competition Judging Panel against the following criteria:

- Originality
- The relevance to the nominated challenge
- Specific award eligibility criteria detailed (if any) e.g. data use, team criteria
- Consistency with competition purposes including social value
- Quality and design (including standards compliance)
- Usability (including documentation and ease of use)
- Overall score of the project submission

Originality

[comparison of CoPilot, Grammarly here]

Relevance

Use AI to transform bureaucratic jargon into plain English

Jurisdiction: Australia

#PLAIN LANGUAGE

How can we use AI to create clear, accurate and user-friendly government content? Specifically, how can we use AI tools to apply Australian Government Style Manual (Style Manual) rules and guidelines to create, edit and review content? Content that is clear, accurate and understandable helps people make informed decisions and comply with their obligations.

The Style Manual is a crucial resource designed to ensure consistency and clarity in written content across the Australian Government. It provides comprehensive guidance about writing for the government, including grammar, punctuation, tone and inclusive language. The Style Manual helps improve the quality of government writing, making it more accessible and user-friendly. This challenge focuses on operationalising and expanding the application of the Style Manual through AI tools. We want you to explore innovative ways to improve the accuracy, efficiency and inclusivity of government content. By leveraging AI, we can:

- centre government communication around the needs of people
 - adhere to Australian style, spelling and conventions
 - make content accessible to diverse audiences.
- We will be looking for entries that showcase creative ways to apply AI to create clear, compelling communication for **different audiences**.

Opportunities to explore:

1. Australian English for Australians
 - Most large language models have been trained on internet corpus, which mostly uses US English spelling and conventions. How do we ensure that AI tools used in government reliably recognise and apply Australian English spelling, grammar and style guidelines?
2. Accuracy of content
 - How can we use **retrieval-augmented generation (RAG)** to ensure that AI-generated content is based on reliable sources and does not introduce errors or misinformation? This involves integrating AI with expert information sources to prevent hallucinations and make sure that content stays authoritative.
3. Accessibility for inclusion
 - Ensuring that content is inclusive and accessible to all users is crucial for effective communication. How can we incorporate AI accessibility features to make government content more accessible to people with disabilities?
 - **This could include generating:**
 - content that is readable by screen readers
 - captions
 - transcripts.
4. **Agentic flows**
 - How can we design agentic flows to train multiple small models that can handle different aspects of the Style Manual? For example, punctuation, tone, inclusive language and so on? This approach could allow for specialised AI agents to focus on specific tasks, improving overall efficiency and effectiveness.

We expect participants to showcase diverse and creative AI-driven solutions that operationalise and expand the application of the Style Manual.

Teams might showcase the ability to:

- **accurately apply Style Manual guidance, including referencing relevant sections of the Style Manual in feedback to users**
- enhance content accessibility
- cater to diverse personas such as **CALD communities, regional populations and people with varying levels of literacy**.

We encourage creativity and innovation, with a focus on real-world applicability and the potential to significantly improve government communication. We are looking for the potential to integrate solutions into existing workflows and provide measurable benefits to the:

- Australian Government
- people who use Australian Government content.

Ideally, solutions should:

- **be capable of being incorporated into existing software (such as word processors, slides and spreadsheets)**
- **help users to rewrite content into plain language**
- **suggest inclusive language options**
- **correct style, grammar and punctuation errors**
- **provide users with feedback on their document so they can see how it has been improved and learn for next time.**

Quality and Design

Microsoft Quality!

Usability

Bonus track time!