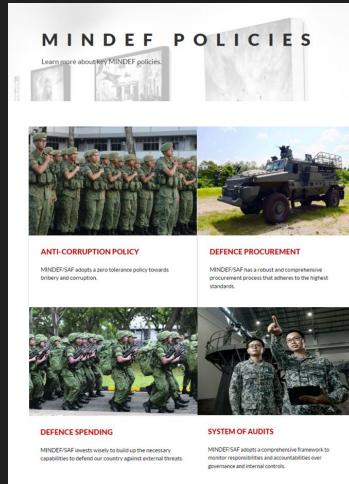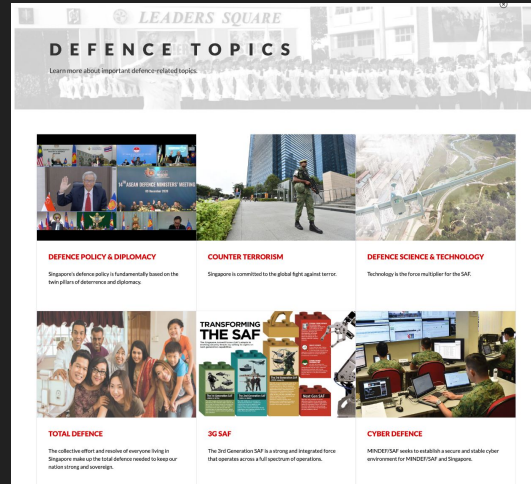*Your AI gateway to MINDEF Policies and more*
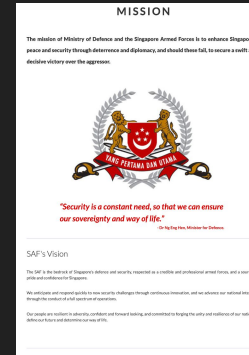
Pain Points of Present Situation

Currently, all MINDEF policies, defence topics, mission, vision and history are all available on the MINDEF official websites.

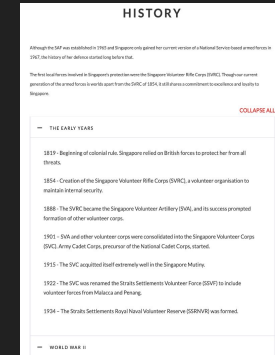*4 MINDEF Policies*

6 Defence Topics

Mission & Vision

History

However, the information on the MINDEF official website are wordy and reside on different webpages, so it is <u>time-consuming</u> to read through all the webpages fully.

MINDEF QUERY ENGINE addresses your pain points

Ask what you want to know without reading the policies, documents or their summaries

- Ease the processing of policies and documents

- Get comprehensive answers to your queries quicker

MINDEF QUERY ENGINE employs LLM tech to answer your queries

Input: Full documents

Input: Articles' summaries in english

MINDEF Official Website

Loads the information on MINDEF policies, Mission, Vision, History and Defence Topics into Defence Info Hub

Summariser & Translator

Uses ChatGPT to translate and summarise the documents into key points in English prose

Query Engine/ UI

Reads and understands all relevant articles

Understands and answers your queries using ChatGPT, based on the best prediction

MINDEF Query Engine

https://huggingface.co/spaces/mindefdata/policyqa

We have loaded the MINDEF policies (and more!) into our MINDEF Query Engine.

4 MINDEF Policies

6 Defence Topics

No time to read them?
Just ask what you want to know!

Mission & Vision

History

MINDEF Query Engine

Reads and understands MINDEF policies, etc on the official website

Understands and answers your queries using ChatGPT, based on the best prediction

Product Demo - MINDEF Query Engine

https://huggingface.co/spaces/mindefdata/policyqa

MINDEF Policies of Interest:

DEFENCE PROCUREMENT

MINDEF/SAF has a robust and comprehensive procurement process that adheres to the highest standards.

DEFENCE SPENDING

MINDEF/SAF invests wisely to build up the necessary capabilities to defend our country against external threats.

Label

[Read before use] Although the responses are contextualised to relevant MINDEF documents, the underlying large language model may still generate inaccurate or hallucinated responses. You should use the responses with caution and take responsibility over the generated output. You should not input any classified or sensitive information.

Chatbot

What is the approach taken by MINDEF/SAF in defence spending?

MINDEF/SAF takes a steady and prudent approach to defence spending. They ensure the prudent use of the defence budget, promote a strong culture of cost consciousness, and ensure the long-term sustainability of the Defence Budget. They invest in human capital, operating and development expenditure, and new capabilities to equip their servicemen with the most appropriate equipment. MINDEF/SAF plans for defence acquisitions over multi and single year horizons, and ensures that the acquisition plans are aligned with their strategic outcomes. They have a robust and comprehensive procurement process, with strict procedures that ensure their procurement systems adhere to the highest and most rigorous standards. MINDEF/SAF also ensures accountability in the management of assets and defines the responsibilities for the detection, reporting, investigation, and mitigation of asset losses.

I would like to read more on this. Can you direct me to the policy?

You can find the policy on the approach taken by MINDEF/SAF in defence spending on the MINDEF Singapore website under the "Defence Spending" section. The website provides information on the steady and prudent approach taken by MINDEF/SAF in defence spending, the categories of defence expenditure, and the oversight of the defence budget.

Where can I get the details of MINDEF's budget and expenditures?

You can find information on the approach taken by MINDEF/SAF in defence spending, including details on their budget and expenditures, on the Singapore Ministry of Defence (MINDEF) website. They have a page dedicated to Defence Spending which provides information on their steady and prudent approach to defence spending, categories of defence expenditure, defence budget oversight, and planning for defence acquisitions. Here's the link to the page: https://www.mindef.gov.sg/web/portal/mindef/defence-matters/mindef-policies/mindef-policies-detail/defence-spending

The Query Engine is able to answer the questions from the correct "Defence Spending" policy, as well as relevant portions in the "Defence Procurement" policy.

The Query Engine is able to direct me to the correct policy.

The Query Engine is not able to provide the link to MINDEF's budget and expenditure shared in the policy, but is able to direct me to the policy.

6

Possible Improvements

Better UI

Gradio is useful for building quick demos but has limited customisation.

Generation of FAQs

It will be useful for officers to generate a FAQ document for dissemination based on the list of submitted questions.

Please provide us with your feedback on our products to boost your productivity and efficiency.

Try for yourself!

https://huggingface.co/spaces/mindefdata/policyqa

Pipeline

Info on MINDEF Official Website

Summariser & Translator

Langchain   *ChatGPT (GPT-3.5 Turbo)*

Query Engine

Langchain

ChatGPT (GPT 3.5 turbo)

Gradio (UI)