GitHub

GitHub Problem #2

AltSuggestor

A simple yet game-changing, **automated Markdown alt text suggestor**.

With AltSuggestor, you can now enhance both
social inclusiveness and web accessibility of your project.

Name: Lim Yin Shan
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Submission for Microsoft Code; Without Barriers Hackathon 2023

PROBLEM STATEMENT

GitHub Problem #2:

Markdown alt text suggestor - GitHub Action that can be enabled by a maintainers to scan markdown documents looking for inline images missing alt text and suggesting them.
This can be run as part of a PR pre-merge check or periodically on the codebase to help improve the accessibility of a project documentation set.

INSPIRATION

What inspired me to choose this problem statement?

1

Enhanced Social Inclusivity

Ensuring accessibility and independence
for visually impaired readers

2

Improved SEO (Search Engine Optimisation)

Provide context/description for Search Engine Crawlers,
hence better visibility of your project online

3

Release for Open-Source

Creating a product that is ready to be
released to the public for share or use

SOLUTION:

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1

GitHub Action
to automate the whole process

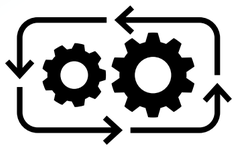
2

Markdown to HTML conversion
<img> tag alt attribute determine whether alt text exists

3

Azure Cognitive Service API
capture image features and generate image caption

Why use AltSuggestor?



Fully Automated, So Simple

Literally $0 cost, FREE

Higher SEO, Higher Visibility, Higher Profits

Doing good, making a difference for the visually impaired

0-1M images **$1** per 1,000 transactions

1M-5M images **$0.80** per 1,000 transactions

5M+ images **$0.65** per 1,000 transactions

AltSuggestor Demo

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GitHub repo: https://github.com/jenniupdates/AltSuggestor