

AIC

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PROJECT IDEA

TITLE:

- **TEXURA AI: AI-powered tools for all your text needs.**

DESCRIPTION:

TEXURA AI is a web application that detects AI-generated text with a confidence score and offers additional AI-powered services, including text summarization, language translation, audio/video transcription, and text-to-speech.

LIBRARIES/MODELS:

Facebook/Bart-large-cnn: Used for text summarization.

Googletrans: Used for language translation.

Facebook/wav2vec2-base-960h: Used for audio/video transcription.

Speecht5_tts: Used for text-to-speech.

Django: Used for the web application framework.

LLM MODELS

IDE (implied):

While not explicitly stated, it's highly probable that a Python IDE (Integrated Development Environment) like PyCharm, VS Code with Python extensions, or similar was used for development, given the use of Python libraries and the Django framework.

CONFIDENCE SCORE:

The LLM detection feature calculates a confidence score, which implies some form of probabilistic calculation or model output interpretation.

Tautology:

The description mentions both "detecting LLM generated text function" within the "accounts" app and the core functionality of detecting AI-generated text. This is slightly redundant, as they refer to the same feature. It could be streamlined by simply stating that the core function of TEXURA AI is AI-generated text detection.

TEXURA AI is a web application specializing in detecting AI-generated text with a confidence score. It also provides a suite of AI-powered utilities, including text summarization (using facebook/bart-large-cnn), language translation (using Googletrans), audio/video transcription (using facebook/wav2vec2-base-960h), and text-to-speech (using Speecht5_tts). The application is built using the Django framework.