Trusted GPT-4, ChatGPT and AI Detector tool by ZeroGPT

ZeroGPT the most Advanced and Reliable Chat GPT, GPT4 & AI Content Detector

AI/GPT Detector	ZeroCHAT-4 & 5	Plagiarism Checker	AI Summarizer	AI Paraphraser	AI Grammar Check	AI Translator

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TITLE:
A Centralized Platform for Drug Interaction Checks and Personal Medical
Records
UNIVERSITY NAME:
Strathmore University
DEGREE COURSE:
Bachelor's in informatics  and computer science
UNIT NAME AND ASSIGNMENT :
HCI Semester Project – Milestone 4
LECTURER'S NAME:
Dr. P. Macharia
STUDENT NAMES AND ADMISSION NUMBERS:
```

Detect Text

⬆ Upload File

5,035/15,000 Characters

Check 125,000 characters,

Upgrade Here

Your File Content is Human written

1.39%
AI GPT*

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STUDENT NAMES AND ADMISSION NUMBERS:

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Kanyi Sharon Wambui –153486

Edwin Kamau – 152803

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 1 Usability Evaluation Plan

Objectives

Our goal is to assess how easily and effectively our users , i.e., patients and medical
professionals, can navigate, access , and manage medical records in the app. We can use key
questions to identify this , including:

i. Can users find and access medical records easily?

ii. Are there any areas where users get confused or even make errors?

Identify Target Users

We can choose tech -savvy and less tech -savvy people to represent patients, doctors , and
nurses to represent medical professionals , and even hospital IT administrators. We aim for 5
users per group.

Evaluation Methods

i. Use Testing whereby users will use the app while we observe and note the difficulties .

ii. Questionnaires - after the test, we can ask users to answer a set of questions.

iii. Interviews to get feedback on the user experience.

iv. Heuristic evaluation - reviewing our interface against usability principles .

Evaluation Materials

i. Preparing scenarios and tasks like login, viewing records, uploading, and checking
medical history.

ii. Consent forms are used to ensure ethical data collection.

iii. Observation notes to track how the user experiences the application.

iv. Recording setup for the screen to see how the user navigates the application.

Run the Usability Sessions

i. Environment can be in -person or remote.

ii. The facilitator guides the sessions.

iii. Observers take notes .

Collect Feedback

Notes from observations, responses from questionnaires , and interviews are collected after each session.

 2 Analyse the data

i. Which tasks had the highest failure rate?

ii. What feedback was common among most users?

iii. What was the major user experience pain point for the users?

Report Findings

Summarize the top usability issues , get the suggested improvements and prioritise the issues by severity.

Usability Findings

Ease of navigation and access

i. Clear navigation menus across all user dashboards

ii. Intuitive labels like upload records

Issues: Some screens have multiple sections, which may overwhelm less tech -savvy users

User Errors

i. Success/error messages help guide users and reduce confusion

ii. Upload status message to provide clear feedback.

iii. Issues: The access code system, while secure, may be confusing for first -time users, hence the need for a tutorial.

Task Performance

Tasks like upload of records, viewing history and checking drug interactions are clearly defined and supported by the user interface elements. Doctors and pharmacists can quickly retrieve patient data using access codes

User Feedback

Patient

i. "The dashboard is clean and easy to navigate, but I wish there was a short tutorial when I first logged in to explain what each section does."

ii. "Entering the access code to view patient records is a great security feature, but it took

me a while to understand how to request and use it."

Doctor

"I like that I can upload my medical records, but I wasn't sure what file formats are supported until I saw an error message. " 3 Accessibility

Strengths:

i. Visual contrast, readable fonts, and large buttons support users with visual and motor impairments.

ii. Text-based alerts support users with hearing impairments.

iii. The use of plain language helps users with cognitive disabilities.

Gaps: No mention of screen reader compatibility or keyboard -only navigation and no multilingual support noted, which could be important in diverse healthcare settings .

Suggested Improvements

i. Add onboarding tooltips or short tutorial for first time users

ii. Include error recovery suggestions in feedback messages

iii. Simplify complex pages by breaking them into steps

iv. Adding accessibility features like screen reader support.

Improved Pages Based on Feedback

Patient dashboard

Added a Need Help section to the Patient dashboard to help in onboarding new users though tutorials.

Figure 1:Updated User Dashboard

 4 Tutorial Onboarding

A new page has been added that features tutorial videos for new users.

Figure 2:Tutorial Onboarding Page

Check Drugs

Added icons to represent the severity of the drug reactions when they interact.

Figure 3:Updated Check Drug Interaction page

 5 Interaction Results

Results incorporating the icons make it easier for patients to determine briefly.

Figure 4:Updated Interaction results page

Highlighted text is suspected to be most likely generated by AI*

5,035 Characters

710 Words

📄 **Export to PDF**

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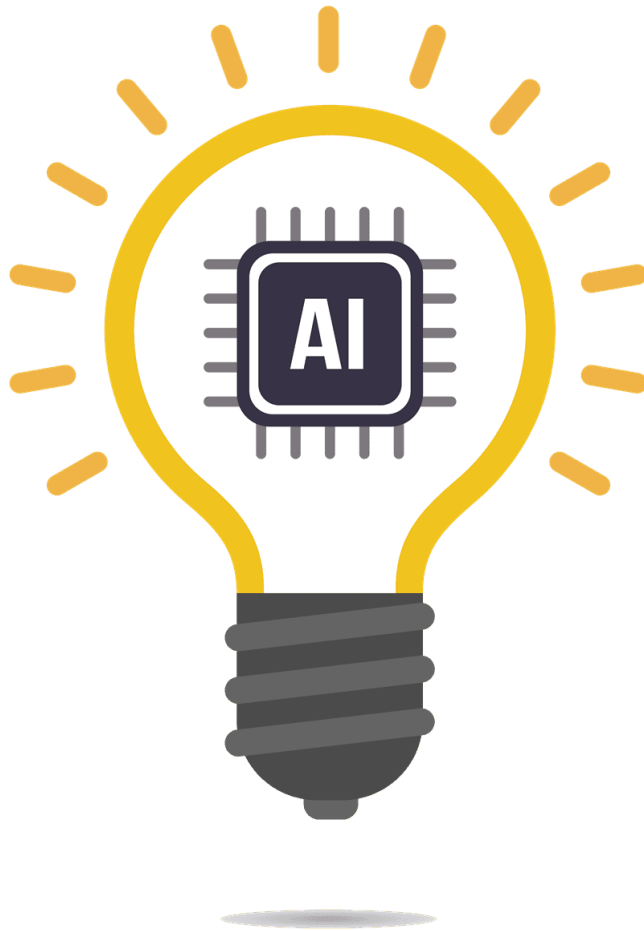
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ZeroGPT

{ api }   Our API is available for the AI Detector, Plagiarism Checker, Paraphraser, Summarizer, Grammar and Spell Checker, Chatbot & Translator
Our team has developed a user-friendly API for organizations. Get API access
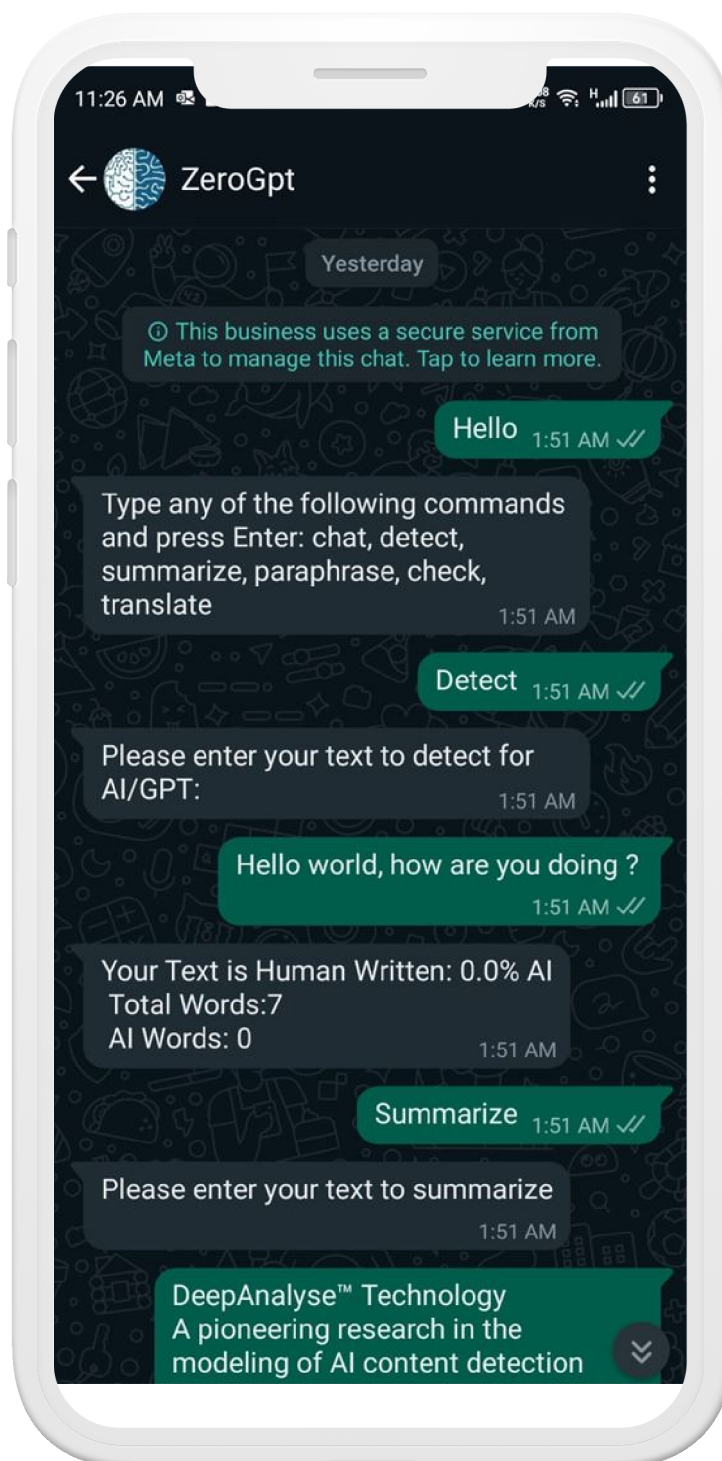
DeepAnalyse™ Technology

A pioneering research in the modeling of AI content detection

Our AI detection model includes several components that analyze text to determine its origin and if it was written by AI. We use a multi-stage methodology designed to optimize accuracy while minimizing false positives and negatives. From the macro level to the micro one, this is how DeepAnalyse™ Technology works. Our model specializes in identifying AI generated content like Chat GPT, GPT 3, GPT 4, Gemini, LLaMa models ... Finally, we employ a comprehensive deep learning methodology, trained on extensive text collections from the internet, educational datasets, and our proprietary synthetic AI datasets produced using various language models.

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Register your WhatsApp's number in the Dashboard (section "Social Settings") and start using all the features of ZeroGPT inside WhatsApp using the phone number **+1 (206) 372-5474**

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📄 AI Summarization Tool	📄 AI Paraphrasing Tool
🔤 AI Translator	🔢 Word Counter Tool
" Citation Generator	💬 Advanced AI ChatBot
✉ AI Email Helper	

Your questions, answered

How Does ZeroGPT work? ⌄

What is the accuracy rate of ZeroGPT? ⌄

Who Benefits from ZeroGPT's AI content detector? ⌄

Will my text get plagiarized or be available online, if I check it on ZeroGPT? ⌄

How can I integrate ZeroGPT tool in my organization or website on a large scale? ⌄

Does ZeroGPT work with different languages? ⌄

How can I cite the detector? ⌄

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