IMPROVEMENTSCAN - CANVAS

ChatGPT

NAME: ChatGPT

DATE: June 24, 2025 7:09 AM

DESCRIPTION OF TECHNOLOGY
ChatGPT is a powerful AI tool that can understand and generate human-like language. Built on a deep learning model called a Transformer and trained on a vast dataset of text, ChatGPT offers features like real-time internet browsing, image generation, and data analysis in some versions. These features make it a multi-purpose tool across various areas, including education, customer support, business, writing, an…

HUMAN VALUES

1.Highlight AI-generated content:
Clearly show which parts of a response were generated by the AI to help users maintain a sense of authorship and personal identity.

2.Offer reflective prompts:
Add optional questions like Would you like to try answering this yourself first? to support autonomy and self-awareness, especially in learning contexts.…

TRANSPARENCY

1.Provide clearer, in-context explanations of how ChatGPT works
A brief, user-friendly explanation of how responses are generated (e.g., based on patterns in training data, not real understanding) should be accessible from within the interface especially for new or non-technical users.
2.Include pre-answer alerts for sensitive or high-risk topics
When users ask about health, law, or other critical areas, the system could show a short message reminding them to verif…

IMPACT ON SOCIETY

Some people might become too dependent on ChatGPT or use it without thinking critically. Thats why I believe the tool should be more transparent about its sources and offer reminders to double-check information. I also think schools and workplaces should give clear guidance on responsible use. ChatGPT works best when it supports learning, not replaces it. Thats why I would improve how its used by encouraging reflection and offering users more control and awareness while using it.

STAKEHOLDERS

Our stakeholder analysis found that not only students but also educators, IT departments, and people indirectly mentioned in conversations are affected by ChatGPT. We propose these improvements:

Role-based user experiences: Create user modes like student, educator, or IT admin with prompts, privacy settings, and guidelines tailored to each role to reduce misuse and confusion.

SUSTAINABILITY

We would like to see more transparency around the energy use of the model, including how data centers are powered and what efforts are being made to reduce the carbon footprint.

We also suggest exploring ways to make the system more efficient for example, by optimizing response generation to use fewer resources or by offering a lightweight version for lower-energy devices or simpler queries.…

HATEFUL AND CRIMINAL ACTORS

Yes. To reduce the risk of misuse, I think ChatGPT should include stronger safeguards, especially when generating content about sensitive topics. There should be clear warnings when users try to create content that could be harmful, misleading, or used for scams. I would also suggest adding better content filters and detection systems for hate speech, fake news, or impersonation. On the technical side, conversations involving personal or controversial subjects could include extra checks or require confirmation that the…

DATA

Clearer data use transparency: Users need a clear, user-friendly explanation or dashboard to understand how their data is used and to build trust.

Stronger default privacy controls: Data collection should be minimized by default, making it easier for users to protect their information.

User-level data management: Users should have tools to…

FUTURE

1.Stronger limits on how the technology is used
There should be clearer rules about what ChatGPT can and cannot be used for especially in areas like education, politics, and mental health.
2.More control for users
People should be able to choose how much the AI supports them, and when. It should help, not take over.
3.Keep the human role clear
As the technology improves, its easy to forget that AI is not…

PRIVACY

1.Stronger user control over memory and data storage
ChatGPT could offer more visible and customizable options for users to control what is remembered, stored, or forgotten especially as memory features develop. Users should be clearly informed when memory is active and be able to delete specific entries, not just all history.

2.More transparency about data processing
Many users dont fully understand how their data is…

INCLUSIVITY

1.Improve multilingual support
ChatGPT currently performs best in English. We suggest expanding the quality and fluency of responses in other major world languages to make the tool more useful for non-English speakers.
2.Simplify the user interface for lower digital literacy
Some users may not be familiar with how to interact with AI. A simpler mode, with guided prompts or voice interaction, could make the tool more accessible to people with lower digital…
skills.

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HUMAN VALUES

Now that you have thought hard about the impact of your technology on human values, what improvements…

If you think about the impact of this technology on human values and needs. If you think about how this technology affects the identity of the user, the autonomy of the user (can the users make their own decisions?) and the health and well-being of the user. If you think about all that, what improvement would you (want to) make? In the technology?…

TRANSPARENCY

Now that you have thought hard about the transparency of this technology, what improvements would you like t…

If you think about the communication on the way the technology works and the businessmodel. If you think about the explanation on automatic decisions that are made. If you think about complaint procedures and transparency on possible negative effects. If you think about all that, what would you (want to) improve? In the technology? In context?…

IMPACT ON SOCIETY

Now that you have thought hard about the impact of this technology on society (by filling out the questions…

If you think about the real problem this technology is going to solve. If you think about the ability of this technology to solve the real problem. If you think about possible negative effects and whether this technology will contribute to a world you want to live in. If you think about all that, what improvements would you make? In technology? In context? In use?…

STAKEHOLDERS

Now that you have thought hard about all stakeholders, what improvements would you like to make? List them…

If you think about all stakeholders of this technology. If you think about stakeholders that are less obvious. If you think about the way certain stakeholders are affected by this technology and if you want to take them into consideration. If you think about all that, what would you (want to) improve? In the technology? In context? In use?…

SUSTAINABILITY

Now that you have thought hard about the sustainability of this technology, what improvements would you like t…

If you think about the direct and indirect energy use and the materials that are used in the technology. If you think about the lifespan of the technology and the hidden environmental impact of the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?…

HATEFUL AND CRIMINAL ACTORS

Now that you have thought hard about how bad actors can impact this technology, what improvements would…

If you think about this technology being used to break the law, or avoid the consequences of breaking the law, or to be used against certain groups, or to attack the truth or to pit certain groups against each other. If you think about all of that, what improvements would you (want to) make? In the technology? In context? In use?…

DATA

Now that you have thought hard about the impact of data on this technology, what improvements would you…

If you think about the limitations of data. Things like subjectivity, incomplete datasets and so on. If you think about the way new insights are handled. If you think about the sustainability of the collection of data or the data that is collected from the users. If you think about all that, what would you (want to) improve? In the technology? In context?…

FUTURE

Impact Improvement: Now that you have thought hard about the future impact of the technology, what…

If you think about an utopian and a dystopian scenario. If you think about the way this technology can change the world. If you think about the consequences of a different party buying your technology. If you think about all that, what would you (want to) improve? In the technology? In context? In use? …

PRIVACY

Now that you have thought hard about privacy and data protection, what improvements would you like to make?…

If you think about this technology invading someone's privacy or collecting personal data and if you think about the way this technology is compliant with prevailing law and mitigates dataprotection risks and concerns. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?…

INCLUSIVITY

Now that you have thought hard about the inclusivity of the technology, what improvements would you like to…

If you think about accessibility to this technology. If you think about built in biases or automatic decisions that may be biased. If you think about who is benefitting from this technology and the diversity of the team that creates the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In… use?

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