QUICKSCAN - CANVAS

Untitled

NAME: Untitled
DATE: October 26, 2023 8:55 AM
DESCRIPTION OF TECHNOLOGY

TICT

HUMAN VALUES

The introduction of the AI-based fact-checking system has the potential to enhance friendships by fostering informed discussions, yet it may also create an over-reliance on technology for validating information, potentially diminishing the value of personal knowledge and critical debate. The system may shift traditional fact-checking roles from humans to machines, potentially imposing certain worldviews based on its programming, and while it can empower users with validated information, it raises concerns about potential…

TRANSPARENCY

To ensure user trust and transparency, it is vital for the technology company to make information easily accessible about how the technology operates, provide clear explanations for its behavior, articulate its goals, and be transparent about its business model. Additionally, ensuring that users can easily find and understand the rationale behind the technologys functioning can contribute to a more informed and confident user base.

IMPACT ON SOCIETY

Omroep Brabant has an AI system that creates news stories by pulling information from the internet, but it doesnt check facts very well, which can lead to sharing wrong or biased news. This makes extra work for journalists because they have to check facts themselves, which takes time and slows them down. By adding better fact-checking to the AI, we can help journalists work faster, make sure our news is right, and build trust with our readers by fighting against false information.

STAKEHOLDERS

- Omroep Brabant
- Coen Crombach

SUSTAINABILITY

When evaluating the technologys service, focusing on optimizing energy efficiency is crucial for sustainability. Assessing the system's operation to identify areas where energy consumption could be minimized, and exploring potential improvements or alternative methods that consume less energy, are key steps in achieving a more sustainable solution.

HATEFUL AND CRIMINAL ACTORS

The AI systems extensive web-scraping and analysis capabilities open doors to potential misuse, such as privacy invasion through gathering sensitive data, intellectual property theft, manipulation for validating false information, and targeting individuals for harassment or disinformation. This could lead to a range of negative outcomes including fraudulent activities, unfair profiling, legal evasion, and an erosion of critical thinking and fact-checking skills among journalists, potentially fostering a society marred by…

DATA

Recognizing datas inherent biases and complexities, our project intends to enhance Omroep Brabant's AI system with robust fact-checking, ensuring more reliable and accurate news articles while encouraging our team to educate themselves on data pitfalls to uphold content integrity.

FUTURE

If 100 million people started using this AI-driven news generation and fact-checking system, it could significantly change how communities interact with news and information. On one hand, it might lead to quicker and more widespread access to verified information, promoting transparency and trust. On the other hand, there's a risk of large-scale propagation of biases and reduced critical engagement from users, as they might overly rely on the system for determinin…

PRIVACY

The AI-based fact-checking system's capability to scrape and analyze web content could inadvertently process a wide range of personal data, necessitating strict adherence to privacy laws and robust data protection measures. The project team must ensure transparency, minimize data collection, uphold individuals' rights, and maintain accountability to prevent privacy invasions and maintain public trust.

INCLUSIVITY

The AI systems reliance on web content for generating news articles might introduce various biases, such as personal, historical, or political biases, especially if the data sources or the design team lack diversity. To counteract this, its crucial to conduct comprehensive data audits, ensure a diverse design team, and continually test and update the system to uphold its impartiality and effectiveness across different user groups.

…

NAME: Untitled
DATE: October 26, 2023 8:55 AM
DESCRIPTION OF TECHNOLOGY

TICT

HUMAN VALUES

How is the identity of the (intended) users affected by the technology?

To help you answer this question think about sub questions like:

- If two friends use your product, how could it enhance or detract from their relationship?
- Does your product create new ways for people to interact?…

TRANSPARENCY

Is it explained to the users/stakeholders how the technology works and how the business model works?

- Is it easy for users to find out how the technology works?
- Can a user understand or find out why your technology behaves in a certain way?
- Are the goals explained?
- Is the idea of the technology explained?
- Is the technology company transparent about the way their…

IMPACT ON SOCIETY

What is exactly the problem? Is it really a problem? Are you sure?

Can you exactly define what the challenge is? What problem (what 'pain') does this technology want to solve? Can you make a clear definition of the problem? What 'pain' does this technology want to ease? Whose pain? Is it really a problem? For who? Will solving the problem make the world better? Are you sure? The problem definition will help you to determine…

STAKEHOLDERS

Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by…

When thinking about the stakeholders, the most obvious one are of course the intended users, so start there. Next, list the stakeholders that are directly affected. Listing the users and directly affected stakeholders also gives an impression of the intended context of the technology.
…

SUSTAINABILITY

In what way is the direct and indirect energy use of this technology taken into account?

One of the most prominent impacts on sustainability is energy efficiency. Consider what service you want this technology to provide and how this could be achieved with a minimal use of energy. Are improvements possible?

HATEFUL AND CRIMINAL ACTORS

In which way can the technology be used to break the law or avoid the consequences of breaking the law?

Can you imagine ways that the technology can or will be used to break the law? Think about invading someone's privacy. Spying. Hurting people. Harassment. Steal things. Fraud/ identity theft and so on. Or will people use the technology to avoid facing the consequences of breaking the law (using trackers to evade speed radars or using bitcoins to launder…

DATA

Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into…

There are fundamental issues with data. For example:

- Data is always subjective;
- Data collections are never complete;
- Correlation and causation are tricky concepts;
- Data collections are often biased;…

FUTURE

What could possibly happen with this technology in the future?

Discuss this quickly and note your first thoughts here. Think about what happens when 100 million people use your product. How could communities, habits and norms change?

PRIVACY

Does the technology register personal data? If yes, what personal data?

If this technology registers personal data you have to be aware of privacy legislation and the concept of privacy. Think hard about this question. Remember: personal data can be interpreted in a broad way. Maybe this technology does not collect personal data, but can be used to assemble personal data. If the technology collects special personal data (like…

INCLUSIVITY

Does this technology have a built-in bias?

Do a brainstorm. Can you find a built-in bias in this technology? Maybe because of the way the data was collected, either by personal bias, historical bias, political bias or a lack of diversity in the people responsible for the design of the technology? How do you know this is not the case? Be critical. Be aware of your own biases.…

FIND US ON WWW.TICT.IO

Fontys
University of Applied Sciences

TICT