



NAME: Untitled

DATE: September 17, 2021 1:18 PM

DESCRIPTION OF TECHNOLOGY




IMPACT ON SOCIETY




This technology will increase security for factory workers of X company. Currently, factory workers use functional accounts. These functional accounts have two main problems, which this technology solves. Firstly the option of auditing when problems occur to quickly find the problem. The second problem is that all computers remain logged in for the entire workday. This is method makes it easy for unauthorized access. By implementing this solution both these problems would be fixed.

HATEFUL AND CRIMINAL ACTORS




Not to my knowledge.

PRIVACY




It does not register personal data. It does make it possible to know which user had access to a specific computer within the company at which time.

HUMAN VALUES




It does not affect the identity of the users. It merely identifies the user for the time they are using a company computer for auditing purposes.

STAKEHOLDERS




- The company in question
- Employees

DATA



I understand the pitfalls of data. Yet this tool does not generate data that is not already known to the company. It merely enhances the way employees interact with the computers they need to do their work.

INCLUSIVITY




No, it does not have any form of bias because it does not collect any data from the user.

TRANSPARENCY




TBH.

SUSTAINABILITY



There has not been a lot of thought towards the energy consumption required for this technology. The technology would most likely work through a physical device necessary to determine the identity of the user. This device would need the energy to function. although the amount of energy necessary to use such a device is quite low based on the device used.




FUTURE



This technology does not really have any future prospects except what it was designed and initially intended for. The company may implement this technology for multiple divisions instead of the one it is currently designed to be used by.

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DESCRIPTION OF TECHNOLOGY




HUMAN VALUES



How does your technology affect the identity of users?

To answer this question think about sub questions like: Can the technology be perceived as stigmatising? Does the technology imply or impose a certain belief or world view? Does the technology affects users' dignity? Is the technology in line with the person the user wants to be perceived as?


TRANSPARENCY



How is it explained to the users about how a technology works and how the business model works?

Is it easy for users to find out how your 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 business model works?

IMPACT ON SOCIETY



What is the challenge at hand? What problem (what 'pain') does this technology want to solve?

This technology is designed to solve a problem. That is why it is important to exactly define which problem this technology is going to solve. Can you make a clear definition of the problem? What 'pain' does this technology want to ease? Whose pain? The problem definition will help you to determine and discuss if you are solving the right problem.


STAKEHOLDERS



Who are the main users/targetgroups/stakeholders for this technology?

For the Quick Scan, you only have to list the stakeholders. Can you think of the people that are directly or indirectly affected by this technology? There are a lot of stakeholders that are obvious (like users) but we invite you also to think about the less obvious ones. Missing a stakeholder can have great consequences....

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.


HATEFUL AND CRIMINAL ACTORS



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

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


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. Data is always subjective. Data collections are never complete. Correlation and causation are tricky concepts. Data collections are often biased. Reality is way more complex than a million datapoints. Are you aware of these issues? How does this technology take these issues into account?...


FUTURE



What could possibly happen with this technology in the future?

Discuss this quickly and note your first thoughts here.


PRIVACY



Does this 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. 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 this technology collects special personal data (like health or ethnicity) you should be extra...

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 wascollected, 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 youknow this is not the case? Be critical. Be aware of your own biases.

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