




**NAME:** Identity Management Vion  
**DATE:** October 4, 2021 11:30 AM  
**DESCRIPTION OF TECHNOLOGY**




**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.

**TRANSPARENCY** 


The technology that will be delivered will be easy to explain and understand. The implementation will mostly change the security aspect of the application. Users of the technology will barely notice the difference between the current system and the new security on top of the system. This level of convenience is one of the important aspects of the 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.

**STAKEHOLDERS** 


- The company in question
- Employees

**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.

**HATEFUL AND CRIMINAL ACTORS** 


The technology is only used as a security layer. It does not apply any changes to the underlying technology. The technology applied by this project doesn't use/save any new data not already known/used by the company. This technology helps to counter fraud, theft, and identity theft by identifying each employee's interaction with the companies systems. This makes it easily auditable in case of tracing mistakes or malicious intent.

**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.

**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.

**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.

**INCLUSIVITY** 

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


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**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:

- Can the technology be perceived as stigmatising?
- Does the technology imply or impose a certain belief or world view?...

**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.

**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.

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