

NAME: Enterprise blockchain solution

DATE: May 13, 2025 10:58 PM


DESCRIPTION OF TECHNOLOGY

We need to research and implement a blockchain that allows customers to verify the data the company provides. This also includes private channels which are uncommon for blockchain.




HUMAN VALUES

No, since our technology is for adding transparency and improving the overall process we already kept this in mind.




TRANSPARENCY

No.




IMPACT ON SOCIETY

Were still at an early stage of development, thus not everything is final, but were probably going to just store hashed data instead of the entire sensor data. Storing all the raw data would not only fill up the blockchain way too fast, but most data is irrelevant anyways. By just storing hashes, people can always check if the encryption of the provided data (this would still come from a traditional database) gives the same hash that is stored on the blockchain. If that isnt the case, then the data on the database isnt the same as the...




STAKEHOLDERS

Not really




SUSTAINABILITY

No we did not.



HATEFUL AND CRIMINAL ACTORS

No we did not, since blockchain is designed to make it impossible for bad actors to alter data, meaning a lot of people have already put a lot of thought into these matters.




DATA

No, we did not change our design.




FUTURE

No they did not.




PRIVACY

No, not really as we don't use and store any private data.



INCLUSIVITY

No, not really.



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IMPROVEMENTSCAN - CANVAS - HELPSIEN Enterprise blockchain solution


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DESCRIPTION OF TECHNOLOGY
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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?...


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?...


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?...


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?...


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?...

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?...


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?...


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?...


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?...

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? ...

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