# IMPROVEMENTSCAN - CANVAS

# Somnox de slaaprobot

**NAME:** Somnox de slaaprobot
**DATE:** September 4, 2024 7:33 PM
**DESCRIPTION OF TECHNOLOGY**
Met de slaaprobot van Somnox is het makkelijker voor mensen met slaapproblemen om in slaap te komen, het zou dé oplossing zijn voor een betere nachtrust.

## HUMAN VALUES

## TRANSPARENCY

## IMPACT ON SOCIETY

Om de slaaprobot te perfectioneren zou het het volgende nodig hebben:

- De slaaprobot moet een persoonlijkheidstest kunnen completeren, dit is belangrijk omdat uit het onderzoek hier aan voorafgaand is gebleken dat slapeloosheid vaak een onderliggende oorzaak heeft. Door middel van een persoonlijkheidstest zou gekeken kunnen worden wat bij de desbetreffende persoon het werkelijke probleem is wat de…

## STAKEHOLDERS

## SUSTAINABILITY

## HATEFUL AND CRIMINAL ACTORS

Het gebruik van een app naast de slaaprobot een keus, in plaats van een verplichting maken.

Veel mensen zullen baat hebben bij de slaaprobot en dat dit in de app bij te houden is zal ook voor positieve effecten zorgen. Echter vind ik het zo dat het risico op misbruik van deze toch erg gevoelige informatie groot is en daarom zou ik het prefereren als het gebruik van de app niet verplicht maar een aanbeveling blijft. Verder moet het bedrijf Somnox er all…

## DATA

## FUTURE

## PRIVACY

Ik zou Somnox aanraden om nogmaals goed te overwegen of de gevraagde informatie daadwerkelijk ook de benodigde informatie is. En zou Somnox niet met mijn verwachting aan de gang kunnen gaan, het hierboven benoemde voorbeeld van de slaapprofielen.

Dit profiel zou net als huidige afvalschema's moeten fungeren, je vertelt de website wat je leeftijd, wat je weegt, hoe groot je bent, en waar je mee zit (in het geval van het…

## INCLUSIVITY

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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?