




NAME: Slikmodel 
DATE: April 26, 2024 2:58 PM
DESCRIPTION OF TECHNOLOGY
Een applicatie om het slikproces in 3D te onderzoeken.

HUMAN VALUES 
Door onze technologie kunnen gebruikers meer kennis opdoen over hun ziektebeeld. Zo kunnen ze dus beter weten hoe ze in het leven staan en waar ze op moeten letten.

TRANSPARENCY 
We geven een uitleg over hoe het product werkt en hoe het gebruikt moet worden. Hierbij geven we uitleg over waar het voor bedoeld is.

IMPACT ON SOCIETY 
Er bestaat lesmateriaal maar dit is niet makkelijk aan te passen op de les.


STAKEHOLDERS 
- Docenten
- Studenten

SUSTAINABILITY 
De productie heeft in principe geen onkosten, het product zal ook zo gebruikt kunnen worden. Het is dus wel realistisch dat dit product voor langere tijd gebruikt zal worden.

HATEFUL AND CRIMINAL ACTORS 
Is niet mogelijk. Er wordt geen data verzameld van mensen die het gebruiken en het is een digitaal product. Het is puur om mensen informatie te brengen en iets te leren.

DATA 
Het idee is om een menselijk hoofd te maken waarin het slikmechanisme van het lichaam te zien is. Hier is niks subjectief aan.

FUTURE 

PRIVACY 
Nee

INCLUSIVITY 
Er is een 3D model van de doorsneden van het hoofd van een persoon om de tong en strottenklep te laten zien. Dit is een model van een blank persoon.

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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:

- 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....

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