QUICKSCAN - CANVAS

Crossyn Project

NAME: Crossyn Project

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DATE: October 19, 2021 2:25 PM **DESCRIPTION OF TECHNOLOGY**

We are creating a project to create trips from datasets that have been collected. During trip creation, trips need to be evaluated based on the need of merging and splitting, after which the trip enrichment process begins.

HUMAN VALUES



TRANSPARENCY



The user's driving behavior is being recorded, so that can affect their driving style.

We do explain, using documents such as an architecture document and the project plan, how the application will function and our business model.

IMPACT ON SOCIETY



STAKEHOLDERS





We are trying filter and display driving data sets, making clear the driving patterns for insurance purposes. For example, this data can provide proof to insurance claims. It can help dealerships and fleet owners keep track of their vehicles.



- Crossyn
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SUSTAINABILITY



- Group 1

HATEFUL AND CRIMINAL ACTORS

tracking the location of the user's vehicle).



DATA



FUTURE



We are aware that the data we receive does not fully In the future this technology can be extended to help make represent real world situations and could be used driving safer, by analyzing the aggregated data. (e.g. restructuring a road that has a unusual number of accidents maliciously, but with limited data we can not be sure the program isn't biased. happen there)

PRIVACY

information.



No, the data is only filtered and it does not contain personal

INCLUSIVITY

could be.



The technology itself is not biased, but the data we process

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QUICKSCAN - CANVAS - HELPSIDE

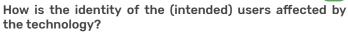
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To help you answer this question think about sub questions

- 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...

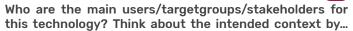
IMPACT ON SOCIETY



What is exactly the problem? Is it really a problem? Are vou 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



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 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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