QUICKSCAN - CANVAS

Linked-tys

NAME: Linked-tys
DATE: October 21, 2021 3:19 PM

DESCRIPTION OF TECHNOLOGY
A social network designed for Fontys members to improve professional relations. The concept is very similar to Linked-in, but it is only available for Fontys.

HUMAN VALUES

Our technology is just a tool to build your own portfolio and find professional relations. It will not impose any beliefs nor will tell you what is right. There are only other people that could share their point of view and as in real life only we decide when to believe or listen to someone. However, the app has the power to connect people together by suggesting people you MAY know. In our environment students and teachers are equal in rights and access.

TRANSPARENCY

Our team designed the environment in such a way that users should find out intuitively how it works. Since it is very similar to linked-in, we assume that it is user-friendly and easy to work with. However, if the technology seems to be confusing to use after the deployment, our team will add a user guide as a different page.

IMPACT ON SOCIETY

Many students ask themselves "What's next?". The answer is finding a job, but for that, they need a proper portfolio and experience they gathered while studying. This project will help students reduce stress by providing them with a simple portfolio based on their study progress and projects that they made. Also, it could help users to find professional relations that could lead to a successful employment.
Linked-tys is designed to benefit both students and teachers

STAKEHOLDERS

- Student
- Teacher

SUSTAINABILITY

Direct use of energy is the actual electricity. Indirect use is an internet connection and server hosting. A good programming team always tries to use as least resources and energy as possible. The way we could save energy is to use requests interactions more efficiently.

HATEFUL AND CRIMINAL ACTORS

Because it's a social network it could be used to break the law in many different ways. Such examples are stealing someone's work and claiming it is theirs, online harassment, scamming. From our point of view, it is unlikely that someone could use our technology with terrible means because our project is designed only for members of Fontys institution. That means exploitation of the technology could lead to real punishment from Fontys.

DATA

Although our technology does not collect and analyze any special data it is important to be aware of that.
One common line of thinking is that the mere usage of big data tools in research removes bias. But, although those advancements bring numerous streams of information together for analysis, humans are still involved in gathering the data at various stages in the process and humans are naturally subjective.

FUTURE

Who knows if Linked-tys could become a uniqe tool and portfolio standard for all universities, also but less likely it could transform in a new generation social network

PRIVACY

The technology only collects data that a user provides himself and information that Fontys is responsible for (ex. pcn, name, student's/teacher's email, etc.).

INCLUSIVITY

We are aware that there could be biases while collecting personal data because most of the personal data is written by a user and we have to consider a human factor that some facts could be exaggerated. Another source of bias comes from society. When people connect directly with their peers, the social biases that guide their selection of friends come to influence the information they see.

FIND US ON WWW.TICT.IO

THIS CANVAS IS PART OF THE TECHNOLOGY IMPACT CYCLE TOOL. THIS CANVAS IS THE RESULT OF A QUICKSCAN. YOU CAN FILL OUT THE FULL TICT ON WWW.TICT.IO

QUICKSCAN - CANVAS - HELPSIDE

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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 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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Fontys University of Applied Sciences