QUICKSCAN - CANVAS

A Fontys-only LinkedIn-like environment

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DATE: September 6, 2024 10:35 AM

DESCRIPTION OF TECHNOLOGY

FontysIn's purpose will act as a customizable profile page but will also feature some automatically filled in information such as the PCN for example. This is to help the user get on with the process more efficiently and make it more approachable. The information will be secured so that the information is not available to the general public. Other students can view those profiles, helping them make decisions when looking for…

HUMAN VALUES

New users of FontysIn are allowed to change some fields that are auto filled-in by the fontys API, and they can fill in the rest of the fields themselves. In this way, they can easily act differently then they are in real life. This may change their online identity, but as this platform is meant for serious business, we can assume that users will not lie about their information.

TRANSPARENCY

It isnt directly explained how the technology works and what our business model is, however being an extension of the Fontys brand has their business model extend over to us. This extension is clear when users are able to login with their Fontys account and can see Fontys branding. Fontys is a University of applied sciences, which implies being extremely student (user) focussed.

IMPACT ON SOCIETY

On the original LinkedIn, your personal data is available for everyone to see. Our plan with FontysIn is to only allow people to visit other people's profiles if they are signed in with a Fontys account using the organisation's SSO. It will also be easier for teachers to get to know their students better (and the other way around). Finally, FontysIn will also make it easier for students to form a project group, especially during the times of corona when you are only partially (or not at all) allowed at school.

STAKEHOLDERS

- All students of Fontys
- All teachers of Fontys
- Partners in Education

SUSTAINABILITY

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HATEFUL AND CRIMINAL ACTORS

Compliance with GDPR regulations and privacy must be ensured, therefore some of the functionalities and data needs to be carefully set up.

For example the user should have a choice regarding automatic data retrieval and also be able to manage it further. Additionally, while the whole system is hidden behind a firewall and thus only students and teachers can access it, the user should be able to define whether or not some users are allowed to visit their profile.

DATA

The information is directly provided from the Fontys systems and not gathered by our system, therefore some information may not be necessarily correct.

This, however, is not a big problem as the main purpose of this tool is to help people network. Therefore incorrect information will only cost time for the users who may not find the appropriate collaborators, but that judgment remains in their hands and through their communication.

FUTURE

Will be adapted by other universities, like; Avans, HvA, HvT.

PRIVACY

FontysIn makes use of data from Fontys own SSO api. Some personal data stored in our database comes directly from the database, while some is entered by the user within the application. The personal data we store include email address, phone number, address, full name etc.

INCLUSIVITY

There could be a potential data bias from the data direct collected from Fontys.

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

Fontys University of Applied Sciences

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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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