


NAME: Eurocom-G4


DATE: May 7, 2025 8:27 AM

DESCRIPTION OF TECHNOLOGY

We aim to provide an intermediate server to convert different data types for Eurocom to obtain Asolution patient data.




HUMAN VALUES




The E-health service function is to receive medical data without creating an identity of the user. The data is used exclusively to improve the user's physical- and mental health.

TRANSPARENCY




Its Eurocom and Asolution need to take responsibility to explain the value of this technology to the real user. On our side, the user is the developers from both companies above. We will update API documentation and other specific tech aspect content to them as the explanation

IMPACT ON SOCIETY



The Eurocom E-Health API Service aims to solve the problem of data differences between thrombosis caretakers and tools provided by different companies. By coalescing the data of different tools and patients, caretakers are able to treat all patients the same, resolving possible confusion and delays in treatment. Specifically, the nursing staff and managers can always obtain the patient's thrombotic index. They can obtain the prescription for the patient to monitor th...

STAKEHOLDERS




- Eurocom
- ASolutions
- Trombosis Caretakers
- Fontys

SUSTAINABILITY




None

HATEFUL AND CRIMINAL ACTORS




The E-health service is used to convert and store medical and personal information of thrombosis patients. If the application is abused, the information can leak leading to privacy-invading and potentially identity theft.

DATA




E-health service main goal is to provide sound and secure data to thrombosis care takers. Any shortcoming and pitfalls of data will be taken into account and thoroughly researched in order to create the best experience.

FUTURE



- The data model we designed will be changed and reconstructed according to the needs of users
- When new technologies appear, the servers we provide will be replaced.


PRIVACY



The core of the E-health application is registering personal data. Includes :

- Age
- Birthday
- Social Service number
- Health Data (Blood type, medical history, etc...)
- Other (contact number, etc..)

INCLUSIVITY



No

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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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