



NAME: DietCheckr

DATE: May 3, 2025 10:25 AM

DESCRIPTION OF TECHNOLOGY


DietCheckr is a web application that will help our users improve their health and lifestyle by keeping track of their daily intake. This app will be GDPR proof and completely anonymous.



HUMAN VALUES

Our webapplication will help user to keep track of their food intake and lifestyle. They will be assigned to a research and will be coached by one or more researchers to improve their lifestyle. It could change people in a positive way by giving them motivation and a clear overview of what to change.

TRANSPARENCY


IMPACT ON SOCIETY

A lot of diet applications do not offer the possibility to show all micro and macro nutrients of food to the users. Our users will also be a part of one or more researches conducted by researches, students and teachers of the study nutrition and dietetics. This app will help them keep track of their users and coach them for a better and healthier lifestyle by extracting data in an automatic and easy way..


STAKEHOLDERS

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SUSTAINABILITY

HATEFUL AND CRIMINAL ACTORS


There will be a lot of personal data from our users that could be used or sold for commercial reasons.

DATA


By asking clear questions, we avoid having misunderstandings in our data.

FUTURE

Publish our application to diet specialists, not only for schools.

PRIVACY

Our app keeps a daily track of food intake for each user. They keep also the emails of our users. Their name remains anonymous.

INCLUSIVITY

From our point of view we have no built-in bias in our application because anyone with legal access to our application can use it.

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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...

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...

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...

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?...

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.

...

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;...

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....

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...

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?

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?

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