



**NAME:** Medical centre appointment manager 

**DATE:** September 5, 2024 9:30 PM

**DESCRIPTION OF TECHNOLOGY**  
An appointment manager for multiple specialists in a medical centre.

**HUMAN VALUES** 


The technology is not intended to and will not affect any user.

**TRANSPARENCY** 


Yes, it is easy for the users because the interface is a calendar whereas if you know how to work with any calendar app, you are familiar with this concept. And if you don't, then the design is pretty straightforward.

**IMPACT ON SOCIETY** 


This platform helps the specialists and patients of Zen2 manage the appointments automatically. Before they had to call the specialists and then the specialists schedule the appointment themselves. Now it's all via 1 appointment manager.

**STAKEHOLDERS** 


- Patients that need a certain treatment
- Specialists that need to manage their appointments

**SUSTAINABILITY** 


Apart from maybe looking up their phone number (if they don't know them) their won't be much energy that the user has to use. As said above, the platform is pretty straightforward and usability is taken into account so there won't be too many steps to complete actions.

**HATEFUL AND CRIMINAL ACTORS** 


They can see the schedule of every specialist. But not in detail. They only see at what time they can schedule an appointment. So if a stalker wanted to, they would know when the specialist is free.

**DATA** 

Yes, I'm aware of this. And it is taken into account in the technology.

**FUTURE** 

This technology will grow alongside the company. There will maybe be functions to make sessions online and meet with patients via the webcam.

**PRIVACY** 



It registers the birthdate, name, email and phone number of the users. Further on it collects the appointments made by the user.

**INCLUSIVITY** 

This technology demands that the user has an email and a phone (number). This is the only bias I can think of.

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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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