NAME: Appointments Manager

DATE: May 3, 2025 10:41 AM

DESCRIPTION OF TECHNOLOGY

The technology is going to be used by company secretaries in order to help with appointment management. The secretary can manage the appointments. When the guests come to the company their cars' license plate is going to be scanned at the entrance. After this scan the manager who holds the meeting is going to receive a notification that the guest is here.

HUMAN VALUES

An improvement could be that there will be an external device at the gate that tells the guest's if there is a parking spot available. This improvement negates the requirement for the guest's to bring their phone in case they have forgotten it.

TRANSPARENCY

The technology could be more transparent about the use of the customer data and what happens to it, as well as notifying the user for how long their data will be saved. And giving the customer the option to delete their data whenever they feel the need to do so.

IMPACT ON SOCIETY

An alternative for the visitor's sms notification is an machine at the entrance of the parking lot that tells if there is space available on the parking lot or not when the camera scans their license plate. It solves the potential problem if the visitor forgot their phone.

STAKEHOLDERS

An alternative for the visitor's sms notification is an machine at the entrance of the parking lot that tells if there is space available on the parking lot or not when the camera scans their license plate. It solves the potential problem if the visitor forgot their phone.

SUSTAINABILITY

git can be used to update the code on the front- and back-end to implement future updates and potential bugs.

HATEFUL AND CRIMINAL ACTORS

There are no risks of bad actors

DATA

In terms of data i think an improvement would be to store the bare minimum necessary to ensure privacy and security for the user.

FUTURE

An alternative for the visitor's sms notification is an machine at the entrance of the parking lot that tells if there is space available on the parking lot or not when the camera scans their license plate. It solves the potential problem if the visitor forgot their phone.

PRIVACY

One improvement i would like to make is to hash all personal data to prevent any malicious use of their data that is stored.

INCLUSIVITY

- make buttons and font larger for people with poor eyesight
- sound/voice notifications for people that are blind
- minimum pages for people that have physical limitations with their hands

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HUMAN VALUES

Now that you have thought hard about the impact of your technology on human values, what improvements…

If you think about the impact of this technology on human values and needs. If you think about how this technology affects the identity of the user, the autonomy of the user (can the users make their own decisions?) and the health and well-being of the user. If you think about all that, what improvement would you (want to) make? In the technology?…

TRANSPARENCY

Now that you have thought hard about the transparency of this technology, what improvements would you like t…

If you think about the communication on the way the technology works and the businessmodel. If you think about the explanation on automatic decisions that are made. If you think about complaint procedures and transparency on possible negative effects. If you think about all that, what would you (want to) improve? In the technology? In context?…

IMPACT ON SOCIETY

Now that you have thought hard about the impact of this technology on society (by filling out the questions…

If you think about the real problem this technology is going to solve. If you think about the ability of this technology to solve the real problem. If you think about possible negative effects and whether this technology will contribute to a world you want to live in. If you think about all that, what improvements would you make? In technology? In context? In use?…

STAKEHOLDERS

Now that you have thought hard about all stakeholders, what improvements would you like to make? List them…

If you think about all stakeholders of this technology. If you think about stakeholders that are less obvious. If you think about the way certain stakeholders are affected by this technology and if you want to take them into consideration. If you think about all that, what would you (want to) improve? In the technology? In context? In use?…

SUSTAINABILITY

Now that you have thought hard about the sustainability of this technology, what improvements would you like t…

If you think about the direct and indirect energy use and the materials that are used in the technology. If you think about the lifespan of the technology and the hidden environmental impact of the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?…

HATEFUL AND CRIMINAL ACTORS

Now that you have thought hard about how bad actors can impact this technology, what improvements would…

If you think about this technology being used to break the law, or avoid the consequences of breaking the law, or to be used against certain groups, or to attack the truth or to pit certain groups against each other. If you think about all of that, what improvements would you (want to) make? In the technology? In context? In use?…

DATA

Now that you have thought hard about the impact of data on this technology, what improvements would you…

If you think about the limitations of data. Things like subjectivity, incomplete datasets and so on. If you think about the way new insights are handled. If you think about the sustainability of the collection of data or the data that is collected from the users. If you think about all that, what would you (want to) improve? In the technology? In context?…

FUTURE

Impact Improvement: Now that you have thought hard about the future impact of the technology, what…

If you think about an utopian and a dystopian scenario. If you think about the way this technology can change the world. If you think about the consequences of a different party buying your technology. If you think about all that, what would you (want to) improve? In the technology? In context? In use? …

PRIVACY

Now that you have thought hard about privacy and data protection, what improvements would you like to make?…

If you think about this technology invading someone's privacy or collecting personal data and if you think about the way this technology is compliant with prevailing law and mitigates dataprotection risks and concerns. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?…

INCLUSIVITY

Now that you have thought hard about the inclusivity of the technology, what improvements would you like to…

If you think about accessibility to this technology. If you think about built in biases or automatic decisions that may be biased. If you think about who is benefitting from this technology and the diversity of the team that creates the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?

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