


NAME: Find My Colleague

DATE: December 7, 2022 6:39 PM


DESCRIPTION OF TECHNOLOGY

Find my Colleague GP project




HUMAN VALUES

The application makes it possible to find one another easier. Users that do not want to share data, can also enter their location/status manually. It prevents having to send call or send messages to colleagues. The application does not change people. However, some people may install the app if they don't necessarily want it, because everybody uses it and it makes finding one another easier.




TRANSPARENCY

We currently do not explain how the app exactly works or where the data is fetched from.



IMPACT ON SOCIETY

The problem the company is facing is that colleagues cannot find each other easily. They work from home, or from one of their campuses. Our application will make it easier to find these colleagues: based on network/Wi-Fi data and Outlook calendar data, the application will display where the colleague is located.




STAKEHOLDERS

- Employees
- Employer




SUSTAINABILITY

We are currently using Amazon Web Services. They are energy consuming. It would be possible to store some data locally. It would also be possible to fetch the tracking data less often than every 15 minutes, however this would make the application less relevant.




HATEFUL AND CRIMINAL ACTORS

The technology tracks users based on network & Outlook data. It could be used to for instance track the amount of hours they are at work, it could influence the view that the employer may have of the employee. It could also invade privacy because the location within the office is visible.




DATA

It is possible that data sometimes might not accurately represent the reality. A person could be at another location, etc.




FUTURE

People might be more willing to share their data while inside the work environment, because it saves time. Users would not call or look for their colleague, but use the application to find the colleague. The result could be a lot of saved time, but if the data is not always accurate enough, it might not work for everyone.




PRIVACY

The name and e-mail address of the user is stored. The networking and Outlook data is also used. However, the tracking software (networking & Outlook data), is stored only temporarily (12 hours).






INCLUSIVITY

If all data were to be stored permanently, it would be possible. However, all tracking data is deleted after 12 hours.



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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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