

DATE



Intended solution Intended solution
What is the endgoal of the

semester project? (How) is the technology going to solve the problem? If not, what's next?

Possible stakeholders What are all possible stakeholders or affected groups?

The stakeholders include mainly the company employees and anybody under the IO Digital working contract, us (Group 3), and professors who instructed us this semester.

Privacy

Are you considering the privacy of all parties involved in your technology/project? If not, what can you do about that?

The privacy of involved parties is at no risk of any kind of sensitive data leak is either stored by a trusted 3rd party or stored in a secure manner, and any features that use sensitive data can be easily opted out of.

Sustainability

Is your technology/project environmentally sustainable? Does it have an acceptable lifespan?

Our project is environmentally sustainable as any mobile application could be, no proprietary resources are necessary.

Bad Actors

What can bad actors do to use your technology/project to break legal, personal or societal bounderies or exclude/attack certain groups/social classes?

If so, what can be done about it?

The aim of this project is to help IO employees to help locate each other to mitigate time loss and to contribute to more efficient interactions.

The technology is going to help employees locate each other in a timely manner in the offices.

Fairness

Fairness
Is your technology/project fair for everyone? If not, how to go about it?

Our application is as fair as it could be, because we don ask any of the users for their race, ethnicity, nationality, gender or religion.

Data

Is data in your technology properly used?

The data is stored securely by 3rd party identity providers that are large conglomerates like Google and Microsoft. Any tracking data that is processed is deleted immediately after processing.

Human Values How does your

technology/project impact the identity, independance, health and/or wellbeing of users?

This application does not have any impact on any human values because we do not have any influence on any of the mentioned values.

If bad actors gain access to the system, which would be extremely hard because the application uses latest and tested security measures, they would not be able to access any of the sensitive and private data because we do not store any, and our application does not integrate with any tools that are used for administration. Therefore, the impact bad actors would have is minimal, almost negligible.

Transparency

Are you transparent about how your technology/project and any used algoritms work?

We are transparent about our technology choice because we use only open-source technologies which are used by large amount of people, and therefore technologies are considered safe. The stakeholders are informed of our technology choice and large decisions.

Future Impact

Did you consider possible future impact (think of both an utopian and dystopian scenario about 20-50 years into the future)?

If employees adapt to it and accept it, we can see Trackio be an industry standard for employee tracking.