Job advertiser

Web application where user can advertise a job that needs to be done. And where companies can respond on those jobs or users can contact those companies.

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Technology Impact Cycle Tool

Job advertiser

Impact on society

What impact is expected from your technology?

What is exactly the problem? Is it really a problem? Are you sure?

People have a lot of jobs in and outside their house. Companies are specialised to do some of those jobs. This technology brings those two together to get them in touch and let the companies take the jobs, that the users advertise in the application.

Are you sure that this technology is solving the RIGHT problem?

The application is made in a way, everyone can easily use it. So that the advertising can be done in a little time, and as soon as it is online, companies can respond!

How is this technology going to solve the problem?

By the ease of use, people need a little time to advertise or respond on jobs. So they can work more or do other things they want to do.

What negative effects do you expect from this technology?

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In what way is this technology contributing to a world you want to live in?

Ease of use is something everyone is dreaming of. These days people have less time because of work or school. That same lack of time is also the reason why a place where you can advertise jobs you have, is a nice thing to make use of.

Now that you have thought hard about the impact of this technology on society (by filling out the questions above), what improvements would you like to make to the technology? List them below.

Try and think about how to make using the application as easy as possible, so people can use it in as little time as possible.

Hateful and criminal actors

What can bad actors do with your technology?

In which way can the technology be used to break the law or avoid the consequences of breaking the law?

People can try to use fake companies to scam users that advertise jobs

Can fakers, thieves or scammers abuse the technology?

It can be used to scam people and steal a lot of money of those people

Can the technology be used against certain (ethnic) groups or (social) classes?

No

In which way can bad actors use this technology to pit certain groups against each other? These groups can be, but are not constrained to, ethnic, social, political or religious groups.

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How could bad actors use this technology to subvert or attack the truth?

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Now that you have thought hard about how bad actors can impact this technology, what improvements would you like to make? List them below.

Let companies give/add their KvK number to show on the application as a verification.

Privacy

Are you considering the privacy & personal data of the users of your technology?

Does the technology register personal data? If yes, what personal data?

Only the name of a user is stored.
For companies the following data is stored:
-address
-phone number
-company name

Do you think the technology invades the privacy of the stakeholders? If yes, in what way?

No

Is the technology is compliant with prevailing privacy and data protection law? Can you indicate why?

Yes, all data is stored with good reasoning

Does the technology mitigate privacy and data protection risks/ concerns (privacy by design)? Please indicate how.

Only data that is needed for a good use is stored and used in this application

In which way can you imagine a future impact of the collection of personal data?

Because of minimum data usage, no severe impact will be occur

Now that you have thought hard about privacy and data protection, what improvements would you like to make? List them below.

If new data will be needed to collect, give good reasoning why its stored and used, like all other data

Human values

How does the technology affect your human values?

This category is not applicable for this technology.

Stakeholders

Have you considered all stakeholders?

This category is only partial filled.

Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by answering these questions.

Name of the stakeholder
Job providers

How is this stakeholder affected?
People that want to advertise jobs

Did you consult the stakeholder?
No

Are you going to take this stakeholder into account?
Yes

Name of the stakeholder
Companies

How is this stakeholder affected?
Companies that do jobs in a category that is supported in this application

Did you consult the stakeholder?
No

Are you going to take this stakeholder into account?
Yes

Did you consider all stakeholders, even the ones that might not be a user or target group, but still might be of interest?

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

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Data

Is data in your technology properly used?

Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into account in the technology?

For now the data is stored to help the users. Not to use and learn what can be done better.

How does the technology organize continuous improvement when it comes to the use of data?

As said before, for now data is not used for feedback and such

How will the technology keep the insights that it identifies with data sustainable over time?

The data is stored as long as a job is done. Or till a user or company removes their account. Also data storage is done in the time that is legal by law of storing data.

In what way do you consider the fact that data is collected from the users?

Their is no profit made of collecting data so no profit can be shared with the users

Now that you have thought hard about the impact of data on this technology, what improvements would you like to make? List them below.

Always have the law in mind about storing and using data

Inclusivity

Is your technology fair for everyone?

This category is not applicable for this technology.

Transparency

Are you transparent about how your technology works?

Is it explained to the users/stakeholders how the technology works and how the business model works?

Terms of use is explained in the application. Also costs/prices are displayed for everyone.

If the technology makes an (algorithmic) decision, is it explained to the users/stakeholders how the decision was reached?

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Is it possible to file a complaint or ask questions/get answers about this technology?

There will be a contact possibility for example an email adress to get in touch for any complaints or questions

Is the technology (company) clear about possible negative consequences or shortcomings of the technology?

This will be listed in the 'terms of use'

Now that you have thought hard about the transparency of this technology, what improvements would you like to make? List them below.

Make a good 'terms of use'

Sustainability

Is your technology environmentally sustainable?

In what way is the direct and indirect energy use of this technology taken into account?

This application is running on one or more servers. A big data center can affect the environment.

Do you think alternative materials could have been considered in the technology?

No, one or more servers are needed to run the application.

Do you think the lifespan of the technology is realistic?

The application is made for large scaling and reuse. It can run forever if needed.

What is the hidden impact of the technology in the whole chain?

Large energy consumption can have an impact on the environment

Now that you have thought hard about the sustainability of this technology, what improvements would you like to make? List them below.

Try and set up this project in a way that as little as possible energy is needed to run the application

Future

Did you consider future impact?

What could possibly happen with this technology in the future?

The application can be expanded for use of advertising a bigger list of things

Sketch a or some future scenario (s) (20-50 years up front) regarding the technology with the help of storytelling. Start with at least one utopian scenario.

The application can be used in the future to connect people for getting new jobs, new customers and/or employees.

Sketch a or some future scenario (s) (20-50 years up front) regarding the technology with the help of storytelling. Start with at least one dystopian scenario.

Bigger companies take over all jobs. Freelancers can have trouble to take jobs and can get unemployed

Would you like to live in one of this scenario's? Why? Why not?

The utopian scenario, it can bring help and peace to people.

What happens if the technology (which you have thought of as ethically well-considered) is bought or taken over by another party?

It will not change anything, the concept is easy and can't be changed much (in a bad way)

Impact Improvement: Now that you have thought hard about the future impact of the technology, what improvements would you like to make? List them below.

Try and make the application in a way that people have a positive result/ impact of the application