

Freelance Tax Manager

Track your income, manage clients, and stay on top of your tax obligations - all
in one place.

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Context of use: Education
Level of education: Bachelor

Technology Impact Cycle Tool

Freelance Tax Manager

Impact on society

What impact is expected from your technology?

This category is only partial filled.

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

The app is designed to help freelancers manage their finances and better prepare for future tax obligations. Many freelancers rely on manual tracking, making it difficult to maintain a clear overview of income, expenses, and how much money should be set aside for taxes. This can lead to mistakes, financial stress, etc. The application combines financial record keeping with tax prognosis features, helping freelancers stay organized and make more informed financial decisions.

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

This question has not been answered yet.

How is this technology going to solve the problem?

This question has not been answered yet.

What negative effects do you expect from this technology?

This question has not been answered yet.

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

This question has not been answered yet.

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.

This question has not been answered yet.

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Freelance Tax Manager

Hateful and criminal actors

What can bad actors do with your technology?

This category is only partial filled.

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

The app is intended for personal financial tracking and tax forecasting, not for filing taxes or interacting with government systems. Its potential for misuse is therefore limited. However, if unauthorized individuals gained access to an account, sensitive financial and client information could be exposed. Users could also intentionally keep inaccurate records. These risks can be reduced through secure authentication, access control, and responsible handling of financial data.

Can fakers, thieves or scammers abuse the technology?

This question has not been answered yet.

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

This question has not been answered yet.

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.

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

Technology Impact Cycle Tool

Freelance Tax Manager

Privacy

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

This category is only partial filled.

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

Yes. The app registers personal data because it stores user account details, client information, and financial records. This can include names, email addresses, income records, expenses, invoices, and payment-related information. It does not collect special personal data such as health, ethnicity, or religion. However, because financial and client data is sensitive, the system must handle it carefully through privacy-aware design, access control, secure storage, and data minimization.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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Human values

How does the technology affect your human values?

This category is only partial filled.

How is the identity of the (intended) users affected by the technology?

The app can help freelancers stay organized and gain a better understanding of their finances. However, there is a risk that users may place too much trust in the tax prognosis provided by the application. Since the prognosis is only an estimate based on available data, users could make financial decisions based on inaccurate assumptions and be surprised by their actual tax obligations. Therefore, the system should clearly communicate the limitations of its predictions.

How does the technology influence the users' autonomy?

This question has not been answered yet.

What is the effect of the technology on the health and/or well-being of users?

This question has not been answered yet.

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

This question has not been answered yet.

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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

Freelancer

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

Name of the stakeholder

Small business owners

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

Name of the stakeholder

Self-employed professionals

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

Technology Impact Cycle Tool

Freelance Tax Manager

Name of the stakeholder

Independent contractors

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

Name of the stakeholder

Sole traders / sole proprietors

How is this stakeholder affected?

-

Did you consult the stakeholder?

No

Are you going to take this stakeholder into account?

No

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

-

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

This question has not been answered yet.

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Data

Is data in your technology properly used?

This category is only partial filled.

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

Yes, I am aware that data can be incomplete, inaccurate, or biased. The app relies on financial information entered by users, which means the quality of the tax prognosis depends on the quality of the recorded data. Missing expenses, incorrect records, or changes in tax regulations can affect the accuracy. To address this, the application presents the prognosis as an estimate rather than a guaranteed outcome and encourages users to keep their financial records accurate and up to date.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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Inclusivity

Is your technology fair for everyone?

This category is only partial filled.

Will everyone have access to the technology?

This question has not been answered yet.

Does this technology have a built-in bias?

Yes, there can be some built-in bias. The app assumes that users are already financially aware, regularly update their records, and understand basic tax concepts. This may not be true for all freelancers. The design may also be biased toward freelancers with simple income structures. To reduce this, the system should use clear language, explain calculations, avoid assuming expert knowledge, and make it clear that the prognosis is an estimate.

Does this technology make automatic decisions and how do you account for them?

This question has not been answered yet.

Is everyone benefitting from the technology or only a a small group?

Do you see this as a problem? Why/why not?

This question has not been answered yet.

Does the team that creates the technology represent the diversity of our society?

This question has not been answered yet.

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

This question has not been answered yet.

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Transparency

Are you transparent about how your technology works?

This category is only partial filled.

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

The purpose of the app is clearly explained: to help freelancers manage their finances and estimate future tax obligations. Users can view the financial data they enter and understand how tax predictions are generated. Since the project does not currently have a commercial business model, there are no hidden financial incentives that influence how the application behaves. Transparency remains important to maintain user trust.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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Sustainability

Is your technology environmentally sustainable?

This category is only partial filled.

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

The Freelance Tax Manager is a web application and therefore requires energy for hosting, data storage, and user access. Direct energy consumption is relatively low compared to large-scale systems, energy use is still considered by keeping the application lightweight and avoiding unnecessary processing. Further improvements could include optimizing database queries, reducing server workload, and choosing energy-efficient hosting solutions.

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

This question has not been answered yet.

Do you think the lifespan of the technology is realistic?

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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Future

Did you consider future impact?

This category is only partial filled.

What could possibly happen with this technology in the future?

The app could encourage freelancers to be more proactive about financial planning and tax preparation. Better financial awareness could become a common habit among self-employed professionals. However, users may become overly reliant on automated tax predictions and pay less attention to their actual financial situation. As the application grows, maintaining accuracy, transparency, user trust, and up-to-date tax regulations would become increasingly important.

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.

This question has not been answered yet.

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.

This question has not been answered yet.

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

This question has not been answered yet.

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

This question has not been answered yet.

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.

This question has not been answered yet.