

# PortfolioAI

PortfoliAI Coach is een AI-gedreven webapplicatie die studenten en beginnende designers/developers helpt om hun portfolio sterker te maken. De tool analyseert portfolio-teksten en portfolio-screenshots en geeft gerichte feedback op inhoud, structuur, duidelijkheid, design en professionaliteit.

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Context of use: Education  
Level of education: Bachelor

# Technology Impact Cycle Tool

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## 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?**

Het probleem is dat studenten en beginnende designers/developers hun projecten vaak moeilijk professioneel kunnen presenteren. Ze vergeten belangrijke info zoals hun eigen rol, gebruikte tools, proces en resultaat. Daardoor lijkt een sterk project soms minder overtuigend. PortfolioAI Coach helpt dit probleem oplossen door gerichte feedback te geven op tekst en screenshots.

### **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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## 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?**

De technologie kan misbruikt worden door teksten of screenshots van anderen te uploaden en die te laten herschrijven alsof het eigen werk is. Dat kan leiden tot plagiaat of misleiding. Ook kunnen gebruikers hun rol in een project overdrijven. Daarom moet de tool duidelijk maken dat je alleen eigen werk of werk met toestemming mag gebruiken.

### **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.*

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## 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?**

Ja, de tool kan persoonlijke data verwerken. Denk aan namen, e-mailadressen, profielfotos, schoolinformatie, sociale media, projectdetails of namen van teamleden. Deze data hoeft niet opgeslagen te worden. Voor het prototype is het best dat input alleen tijdelijk gebruikt wordt voor analyse en daarna niet bewaard wordt.

### **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?**

De tool kan gebruikers helpen om zich professioneler en zelfverzekerder te presenteren. Dat versterkt hun professionele identiteit. Tegelijk is er een risico dat portfolios te generiek of te AI-achtig worden. Daarom moet de gebruiker altijd zelf beslissen welke feedback hij overneemt, zodat zijn eigen stijl behouden blijft.

### **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**

Studenten

**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**

Junior designers/developers

**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**

Docenten

**How is this stakeholder affected?**

-

**Did you consult the stakeholder?**

No

**Are you going to take this stakeholder into account?**

No

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Name of the stakeholder  
Scholen

**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**

Recruiters

**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**

Werkgevers

**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**

AI-aanbieders

**How is this stakeholder affected?**

-

**Did you consult the stakeholder?**

No

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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?**

Ja, data is nooit volledig objectief. Goede portfolios verschillen per sector, stijl en context. Een AI kan bijvoorbeeld denken dat minimalistische portfolios altijd beter zijn, terwijl creatieve portfolios ook sterk kunnen zijn. Daarom gebruikt de tool best duidelijke criteria zoals structuur, eigen rol, tools, proces, resultaat en leesbaarheid.

### **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?**

Ja, er kan bias zijn. De AI kan bepaalde stijlen, zoals minimalistisch of formeel, sneller als professioneel beoordelen. Ook kan Engelse tekst soms beter beoordeeld worden dan Nederlandse tekst. Om dit te beperken, moet de tool meerdere stijlen, talen en contexten ondersteunen en feedback altijd als suggestie tonen, niet als absolute waarheid.

### **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?**

Ja, de tool moet duidelijk uitleggen hoe hij werkt. PortfoliAI Coach gebruikt AI om tekst en screenshots te analyseren op duidelijkheid, structuur, inhoud en design. De feedback is automatisch gegenereerd en blijft advies. Voor het prototype is er geen echt businessmodel. De input wordt alleen gebruikt om feedback te geven.

### **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?**

De tool gebruikt AI, en AI vraagt serverkracht en dus energie. Vooral beeldanalyse kost meer dan gewone tekstanalyse. Om energiegebruik te beperken, moet de tool alleen analyseren wanneer nodig, afbeeldingen verkleinen, geen onnodige herhalingen uitvoeren en waar mogelijk een kleiner AI-model gebruiken.

### **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?**

In de toekomst kan PortfolioAI Coach een vaste hulp worden bij portfolios, CVs, LinkedIn-profielen en sollicitaties. Positief is dat studenten sneller betere feedback krijgen. Een risico is dat portfolios meer op elkaar gaan lijken en minder persoonlijk worden. Daarom moet de tool een coach blijven, geen automatische vervanger.

**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.*