

Tablet implementation in a school

Tablets are used to create a faster and efficient digital communication between teachers and parents.

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Technology Impact Cycle Tool

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Impact on society

What impact is expected from your technology?

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

The current online communication system is not frequently used by the parents. The school wants to improve the communication by implementing tablets to share information faster and clearer.

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

Because we did extensive theoretical research

How is this technology going to solve the problem?

By improving the communication between teachers and parents.

What negative effects do you expect from this technology?

Lines in front of the classroom. Replacement costs

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

Makes people connected to each other.

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.

No

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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?

personal data

Can fakers, thieves or scammers abuse the technology?

Yes. If someone gains access they can harm a child or family.

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

Yes gypsies.

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.

Show gypsies have less academic merit. And stereotypes arise.

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

Compare children to one another.

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

Yes we suggested a face lock recognition. Convenient yet secure.

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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?

Yes, data about the student schedules, grades and other useful information for the parents. The tablet will also store facial recognition for the parent to login for the tablet. Pictures of the children taken by the teacher will also be stored in the tablet system

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

Yes, the pictures of them kids

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

No

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 has not been filled 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

Teachers

How is this stakeholder affected?

Information exchange

Did you consult the stakeholder?

Yes

Are you going to take this stakeholder into account?

Yes

Name of the stakeholder

Parents

How is this stakeholder affected?

Gains valuable information.

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.

No our plan was perfect from the beginning to the very end.

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Data

Is data in your technology properly used?

This category has not been filled yet.

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Inclusivity

Is your technology fair for everyone?

This category has not been filled yet.

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Transparency

Are you transparent about how your technology works?

This category has not been filled yet.

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Sustainability

Is your technology environmentally sustainable?

This category has not been filled yet.

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Future

Did you consider future impact?

This category has not been filled yet.