QUICKSCAN - CANVAS

Augmented Reality

NAME: Augmented Reality
DATE: May 16, 2026 7:53 PM

DESCRIPTION OF TECHNOLOGY
We are making augmented reality application for Camilla Blue with a goal to expand her story during concert with the aid of interactive visuals

HUMAN VALUES

The user can be exposed to visuals which can have negative effects e.x. person afraid of heights can be shown scenes from top of Eiffel tower. Also this technology does not take in to account people with visual disabilities.

TRANSPARENCY

The Hololens design follows natural mapping quite well, the controls are firstly showed once you start the glasses and the controls are intuitive (for selecting item you pinch it). The technology itself is well documented with a lot of examples and guides provided by creators.

IMPACT ON SOCIETY

Expand the story of an artist with the help of augmented reality technology, including volumetric video capture technology, during her musical performance.

STAKEHOLDERS

- Effenaar
- Rose Media
- Camilla Blue
- Mitchell Kruys
- Shihaab Rouine
- Aidas vegda

SUSTAINABILITY

To our knowledge the power consumption is in the norms of reason, the energy could be generated by renewable energy sources.

HATEFUL AND CRIMINAL ACTORS

Using the implemented cameras in the Hololens the developer could abuse it to steal video and audio to spy on the user.

DATA

The Hololens scans the environment in realtime. This will create a model as close to real as possible by the technology provided.

FUTURE

The biggest perspective for this technology is in education. It would be revolutionary to experience subjects, like history, biology or geography seeing models up close from the comfort of your desk. The topics could be explained more efficiently by providing fully interactive visual aid.

PRIVACY

The glasses register audio, video as well as connection to internet.

INCLUSIVITY

Yes, against people with visual disabilities.

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THIS CANVAS IS PART OF THE TECHNOLOGY IMPACT CYCLE TOOL. THIS CANVAS IS THE RESULT OF A QUICKSCAN. YOU CAN FILL OUT THE FULL TICT ON WWW.TICT.IO

QUICKSCAN - CANVAS - HELPSIDE

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HUMAN VALUES

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

To help you answer this question think about sub questions like:

- If two friends use your product, how could it enhance or detract from their relationship?
- Does your product create new ways for people to interact?…

TRANSPARENCY

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

- Is it easy for users to find out how the technology works?
- Can a user understand or find out why your technology behaves in a certain way?
- Are the goals explained?
- Is the idea of the technology explained?
- Is the technology company transparent about the way their…

IMPACT ON SOCIETY

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

Can you exactly define what the challenge is? What problem (what 'pain') does this technology want to solve? Can you make a clear definition of the problem? What 'pain' does this technology want to ease? Whose pain? Is it really a problem? For who? Will solving the problem make the world better? Are you sure? The problem definition will help you to determine…

STAKEHOLDERS

Who are the main users/targetgroups/stakeholders for this technology? Think about the intended context by…

When thinking about the stakeholders, the most obvious one are of course the intended users, so start there. Next, list the stakeholders that are directly affected. Listing the users and directly affected stakeholders also gives an impression of the intended context of the technology.
…

SUSTAINABILITY

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

One of the most prominent impacts on sustainability is energy efficiency. Consider what service you want this technology to provide and how this could be achieved with a minimal use of energy. Are improvements possible?

HATEFUL AND CRIMINAL ACTORS

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

Can you imagine ways that the technology can or will be used to break the law? Think about invading someone's privacy. Spying. Hurting people. Harassment. Steal things. Fraud/ identity theft and so on. Or will people use the technology to avoid facing the consequences of breaking the law (using trackers to evade speed radars or using bitcoins to launder…

DATA

Are you familiar with the fundamental shortcomings and pitfalls of data and do you take this sufficiently into…

There are fundamental issues with data. For example:

- Data is always subjective;
- Data collections are never complete;
- Correlation and causation are tricky concepts;
- Data collections are often biased;…

FUTURE

What could possibly happen with this technology in the future?

Discuss this quickly and note your first thoughts here. Think about what happens when 100 million people use your product. How could communities, habits and norms change?

PRIVACY

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

If this technology registers personal data you have to be aware of privacy legislation and the concept of privacy. Think hard about this question. Remember: personal data can be interpreted in a broad way. Maybe this technology does not collect personal data, but can be used to assemble personal data. If the technology collects special personal data (like…

INCLUSIVITY

Does this technology have a built-in bias?

Do a brainstorm. Can you find a built-in bias in this technology? Maybe because of the way the data was collected, either by personal bias, historical bias, political bias or a lack of diversity in the people responsible for the design of the technology? How do you know this is not the case? Be critical. Be aware of your own biases.…

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