# QUICKSCAN - CANVAS

# Test automation

**NAME:** Test automation
**DATE:** January 26, 2026 3:41 PM
**DESCRIPTION OF TECHNOLOGY**

## HUMAN VALUES

The biggest impact is in the involvement of non-technical stakeholders in the process of writing test scenarios. Where now functional consultants normally would spend a lot of time in interviews to create these scenarios. This product could speed up this process by having the client create scenarios themselves and later review them with a consultant.

## TRANSPARENCY

Since the application is still in devlopment this is ongoing. However this is one of the biggest aspect of this application. Learning from the application, so the UI/UX should also have the focus on a 0 start.

## IMPACT ON SOCIETY

The main problem is that the company does not have enough developers that are acclimated with the product enough to create all test scenarios.

This product tries to involve other stakeholders in this process to create new and useful

## STAKEHOLDERS

- Consultant
- Non-technical stakeholder
- Developer

## SUSTAINABILITY

Since this is going to be an internal tool this is limited. However since we did everything in docker startup and shutdown are as easy as possible. And in future with kube to autoscale.

## HATEFUL AND CRIMINAL ACTORS

Since this is a framwork that can automate a user, the problem can become that it can be used for DDOS liek attacks that can mimic users, therefore not immediately identifiable as spam/attack.

## DATA

The platform currently does not involve itself in the writing directly. but it does involve itself in seeing if there is overlap in what is already written.

## FUTURE

It would be amazing if this system will be widely used within the company, let alone the world. I dont think the impact is going to be large since this simplifies/provides an alternative for the process but doet not have a huge innovation.

## PRIVACY

All data used in the application is test content.

## INCLUSIVITY

Because the framework does not directly gives suggestions on writing, the bias is very much from the users that use the product. Another current bias is in the steps, if we do not know if it is possible it will not be able to be tested.

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# QUICKSCAN - CANVAS - HELPSIDE

# Test automation

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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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