



**NAME:** Fellenoord Lefte Circuit 

**DATE:** September 5, 2024 6:52 AM


**DESCRIPTION OF TECHNOLOGY**  
A web application which tracks points from members of E.S.T. Fellenoord who compete in tournaments.

**HUMAN VALUES** 


This will not affect like a friendship but it will help people to motivate them to push even harder to play in matches. It will give them a push to improve better in their matches and give them the push they need to be the number 1. But there can be a risk that some will fall and struggle or be demotivated. The technology will change people in a way that they will be more motivated and easy to use for them to see their scores and from their friends.

**TRANSPARENCY** 


It is. For the application, a user guide has been written in order to explain how it works. The goals are clear for the users in the way the technology is designed.

**IMPACT ON SOCIETY** 


The current system is unreliable and undocumented, which is making it difficult to manage tournaments and assign points efficiently. For them its a problem. Yes Im sure.

**STAKEHOLDERS** 


- Fellenoord members
- Fellenoord board

**SUSTAINABILITY** 


The most significant energy use of this application is the energy needed to run the servers for the frontend and backend systems. When used, the scraper takes some time and energy to process all the data, but we have taken steps to reduce this. Overall the application is efficient and no energy is wasted. The system replaces a manual workflow of registering scores, using excel sheets. Our solution is faster, which means it will use less energy.

**HATEFUL AND CRIMINAL ACTORS** 


The technology involves scraping data from an external source, exporting data, storing information for each year, attributing points, and allowing custom points. Legal considerations include compliance with external site terms, data protection, and privacy regulations. Ethical considerations involve fairness in point attribution and judicious use of custom points.

**DATA** 


Data can be incomplete and/or inaccurate. In our application we use contracts to make sure data collections in our database can ever be incomplete. There are no biases in our data.

**FUTURE** 

Our system can keep supporting the tennis competition for a long time as long as it is maintained. An increase in users of the website would not have a significant impact on the application. If it continues to be used by many people in the future for example because Fellenoord has more members or because the application is used by other organisations, this would be positive. More people competing in sports is good for health and community, without significant downside

**PRIVACY** 




Yes, this technology collects first names and last names, and this data is publicly visible to everyone. While it is challenging to impersonate someone using this data alone, it cannot be combined with specific personal details. This is because some individuals have common names, making it difficult to gather comprehensive data. The technology neither acquires nor retains any highly sensitive personal information

**INCLUSIVITY** 

This application does not have a built-in bias. The app merely serves as a calculation and storage tool for scores within the Lefte Circuit. The design is borrowed from the main Fellenoord website, and the data stored is taken directly from the MijknLNB service. These are both indifferent to bias.

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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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