QUICKSCAN - CANVAS

Student Dashboard Application

NAME: Student Dashboard Application
DATE: September 5, 2024 10:23 PM
DESCRIPTION OF TECHNOLOGY
The app is a web application that allows students from Fontys University of Applied Sciences to collect their most used school related apps to one place.

HUMAN VALUES

- The appication helps students getting the useful information like study progress,
scheduling, notification,... in one place so that saving valuable time without going
backward-forward services.

TRANSPARENCY

- It is understand for student to know the application will get the data from the
Fontys Infrastructue and external services for the study purpose.
- There is no underlying business model, no subscription, no advertisement,
it is completely free for student.

IMPACT ON SOCIETY

- First, the application will give to Fontys Students the efficient way to access
the services, saving their time and efforts with single sign-in.
- Second, the application have options for student to customize what they need on the
dashboard, keep the interesting and help them freedom to choose what they want.

STAKEHOLDERS

- BlueCable personal dashboard application
- Fontys Staffs and Students

SUSTAINABILITY

- It is shown that the application will consume the energy as a result of frequently
exchange the data from Fontys API.
- The application will be improved for better energy consumption.

HATEFUL AND CRIMINAL ACTORS

- Our product is related only with Fontys membersand we assume that in this comunity there aren't
any thoughts like this. But if somehow someone gets to your Dashboard, they could see your current
school status(Grades, Comments, Anouncements, Schedule)

DATA

- The application will access the data from Fontys Infrastructure with the agree from
Fontys, however with a limitation in ICT department, not to the other departments.
- The application will retrive the student's personal information and endpoints that
have been agreed by Fontys.

FUTURE

- The application will include more external services that students need,
being the application have all-in features for students.
- The application will improve the performance and energy efficient.

PRIVACY

- Yes, the app gets the information of the user from the Fontys applications(Canvas, Xedule)
and all related to it(MS Teams, Outlook). It shows the user the Anouncements which are related to them,
also their grades and submission comments.

INCLUSIVITY

- The Dashboard is designed by the Fontys students' problems and interests, so probably the teachers
would want differnet stucture and functionalities.

FIND US ON WWW.TICT.IO

Fontys University of Applied Sciences

NAME: Student Dashboard Application
DATE: September 5, 2024 10:23 PM
DESCRIPTION OF TECHNOLOGY
The app is a web application that allows students from Fontys University of Applied Sciences to collect their most used school related apps to one place.

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.…

FIND US ON WWW.TICT.IO

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

Fontys
University of Applied Sciences

TICT