


NAME: VR Tutorial

DATE: May 15, 2024 10:17 AM

DESCRIPTION OF TECHNOLOGY


A VR Tutorial that is targeted towards users with little to no experience in VR or gaming in general. This tutorial is supposed to be the base of an expandable Tutorial system that can help developers easily add and remove sections from the tutorial. The main focus however, is trying to get the inexperienced users to learn VR controls easily without forgetting them throughout certain trainings.



HUMAN VALUES


For user-friendliness maybe the personalized controls scheme mentioned before. But other than that, there are no improvements in this aspect. Only thing I can think of, is that you might want to add a minimum age. As VR can be damaging to the eyes of young users.

However, that is not the target audience and is out-of-scope.




TRANSPARENCY

Feedback is always welcome.




IMPACT ON SOCIETY

Not all functionalities from the requirement list have been implemented into the Tutorial that could improve the effectiveness of the tutorial. A few are: Speech, Controller animation and Virtual assistant. A good idea that was given was to create a control scheme based on the experience from the user. I also would like to test this with a bigger audience, for even better feedback.




STAKEHOLDERS

Multiple improvements in this regard have been mentioned before. The use of the tutorial (and trainings in general) need to be as easy as possible for all users.




SUSTAINABILITY

Make the game look better, but optimize it better. Maybe use newer hardware to save battery life.




HATEFUL AND CRIMINAL ACTORS

In terms of the tutorial itself, there are not really bad actors. The worst someone can do is not take the tutorial seriously. A developer might create a room that is controversial, but the company will immediately have consequences for these actions. So, no improvements are needed in this aspect.




DATA

Not applicable at this moment.




FUTURE

Nothing. In an unrealistic scenario where this product is released to the public, I think it can only have a positive impact.



PRIVACY

The tutorial does nothing with personal data. The only thing I can advise if you care a lot about privacy, is to maybe use a different VR Headset. But again, that is out-of-scope.






INCLUSIVITY

Not applicable at this moment.



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**IMPACT ON SOCIETY**



**Now that you have thought hard about the impact of this technology on society (by filling out the questions...**

If you think about the real problem this technology is going to solve. If you think about the ability of this technology to solve the real problem. If you think about possible negative effects and whether this technology will contribute to a world you want to live in. If you think about all that, what improvements would you make? In technology? In context? In use?...


**HATEFUL AND CRIMINAL ACTORS**



**Now that you have thought hard about how bad actors can impact this technology, what improvements would...**

If you think about this technology being used to break the law, or avoid the consequences of breaking the law, or to be used against certain groups, or to attack the truth or to pit certain groups against each other. If you think about all of that, what improvements would you (want to) make? In the technology? In context? In use?...


**PRIVACY**



**Now that you have thought hard about privacy and data protection, what improvements would you like to make?...**

If you think about this technology invading someone's privacy or collecting personal data and if you think about the way this technology is compliant with prevailing law and mitigates dataprotection risks and concerns. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...


**HUMAN VALUES**



**Now that you have thought hard about the impact of your technology on human values, what improvements...**

If you think about the impact of this technology on human values and needs. If you think about how this technology affects the identity of the user, the autonomy of the user (can the users make their own decisions?) and the health and well-being of the user. If you think about all that, what improvement would you (want to) make? In the technology?...


**STAKEHOLDERS**



**Now that you have thought hard about all stakeholders, what improvements would you like to make? List them...**

If you think about all stakeholders of this technology. If you think about stakeholders that are less obvious. If you think about the way certain stakeholders are affected by this technology and if you want to take them into consideration. If you think about all that, what would you (want to) improve? In the technology? In context? In use?...

**DATA**



**Now that you have thought hard about the impact of data on this technology, what improvements would you...**

If you think about the limitations of data. Things like subjectivity, incomplete datasets and so on. If you think about the way new insights are handled. If you think about the sustainability of the collection of data or the data that is collected from the users. If you think about all that, what would you (want to) improve? In the technology? In context?...


**INCLUSIVITY**



**Now that you have thought hard about the inclusivity of the technology, what improvements would you like to...**

If you think about accessibility to this technology. If you think about built in biases or automatic decisions that may be biased. If you think about who is benefitting from this technology and the diversity of the team that creates the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...


**TRANSPARENCY**



**Now that you have thought hard about the transparency of this technology, what improvements would you like t...**

If you think about the communication on the way the technology works and the businessmodel. If you think about the explanation on automatic decisions that are made. If you think about complaint procedures and transparency on possible negative effects. If you think about all that, what would you (want to) improve? In the technology? In context?...


**SUSTAINABILITY**



**Now that you have thought hard about the sustainability of this technology, what improvements would you like t...**

If you think about the direct and indirect energy use and the materials that are used in the technology. If you think about the lifespan of the technology and the hidden environmental impact of the technology. If you think about all that, what improvements would you (want to) make? In the technology? In context? In use?...

**FUTURE**



**Impact Improvement: Now that you have thought hard about the future impact of the technology, what...**

If you think about an utopian and a dystopian scenario. If you think about the way this technology can change the world. If you think about the consequences of a different party buying your technology. If you think about all that, what would you (want to) improve? In the technology? In context? In use? ...

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