Social Acceptance of Nomadic Virtual Reality

Forschungsseminar: MMI

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Topic & Group

"Social Acceptance of Nomadic Virtual Reality"

Groupmembers:
- Stephan Jäger
- Alexander Eder
- Tom Nedorost

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Background

In this study we will research something about …
- the acceptance of VR goggles in public spaces,
- how uninvolved pedestrians react to this generally unkown situation
- what they think how big the impact is that those technologies have on daily life.

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Previous Work

Previous works already examined the acceptance of mobile and portable devices in general and also the usage of VR goggles in public spaces [1, 2]. Although this topic has already been researched in the past, the problem here is that the subjects were shown only pictures and they were not confronted with this goggles in a real situation [3].

[1] Rico, J., & Brewster, S. (2010, April). Usable gestures for mobile interfaces: evaluating social acceptability. In Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (pp. 887-896). ACM.

[2] Schwind, V., Deierlein, N., Poguntke, R., & Henze, N. (2019). Understanding the Social Acceptability of Mobile Devices using the Stereotype Content Model. In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems. ACM.

[3] Schwind, V., Reinhardt, J., Rzayev, R., Henze, N., & Wolf, K. (2018, September). Virtual reality on the go?: a study on social acceptance of VR glasses. In Proceedings of the 20th International Conference on Human-Computer Interaction with Mobile Devices and Services Adjunct (pp. 111-118). ACM.

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Research Question

"Is wearing VR googles in public spaces accepted by society?"

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Requirements

VR-Device

Questionnaire (quantitative)