

Abstract (in English)

This diploma thesis is examining the ways of using immersive virtual reality with senior citizens aged 65 plus with health problems. Those chosen individuals who live in a retirement home were examined and questioned after trying out a virtual reality headset with a specific travel experience using the Google Earth VR app. The main focus was to study their emotional state and its shifts. The author used a combination of quantitative and qualitative research to finalise the analysis. The theoretical part offers an insight on the use of immersive virtual reality in the lives of senior citizens such as how they spend free time in the Retirement homes. The analytical part of this dissertation shows a summary of existing studies and commercial projects using virtual reality with the aim to facilitate seniors. The qualitative research has helped to a better understanding of the Czech market. It also helped executing a scientific investigation centred on a particular group of seniors. Data was gathered via half structured interviews, observation and standardised questionnaires PANAS and Flow Short Scale.