

A virtual reality framework is a customizable application that con-sists of design patterns and components, which assist virtual reality developers with its modular-ity, reusability, and extensibility In this project, a concept VR OS user interface (UI) was developed, and different interaction patterns were developed and evaluated. Virtual environment is determined by its content (objects and characters) A virtual reality system is a software system that generates the illusion of immersion and presence within a virtual environment. Several concept applications were developed and evaluated in user tests A high-end user interface that involves real-time simulation and interactions through multiple sensorial channels for a targeted behavior in an In this paper, we present Make OS Home: a digital transformation implementation prototype from a traditional 2D-screenbased operating system towards a home-like immersive 5, In this paper we present Virtual Reality VRS (VR2S), a generic VR software system, which is an extension of the high-level rendering system VRS. The system However, no consumer operating system (OS) has been released optimized for VR. In this project, a concept VR OS user interface (UI) was developed, and different interaction Virtual Reality (VR) hit the headlines in the mids, and spawned a series of conferences, exhibitions, television programs, and philosophical debates about the VR is a way for humans to visualize, manipulate and interact with computers and extremely complex data (Isdale,). Steven M. LaValle Virtual reality is the observation of the virtual environment through a system that displays the objects and allows interaction, thus creating virtual presence. Virtual environment is What is Virtual Reality (VR)? *Many applications are using flat monitors Virtual reality is the observation of the virtual environment through a system that displays the objects and allows interaction, thus creating virtual presence. No one common definition, but common characteristics Trying to mimic real world Beyond the flat monitor* Immerse inD visual world. Keywords-digital transformation; operating system; virtual re-ality; virtual desktop. We will present implementation details about the interactions between users, VR controllers, and the operating system to achieve such digital transformation on operating systems. It is an artificial environment created with computer Steven M. LaValle a home-like immersive 3D operating system in virtual reality. Virtual prototyping is also used in the industry to improve design process Virtual Reality. I. INTRODUCTION Virtual reality is used in a large variety of application domains which need multisensory interaction and navigation facilities.