



# Virtual Reality Shop

...the next frontier of retail

Stylianios Michael, Panayiotis G. Andreou

## Project Proposal

The creation of an easy to use and flexible virtual shopping environment that can run using the Oculus Rift and an appropriate PC.

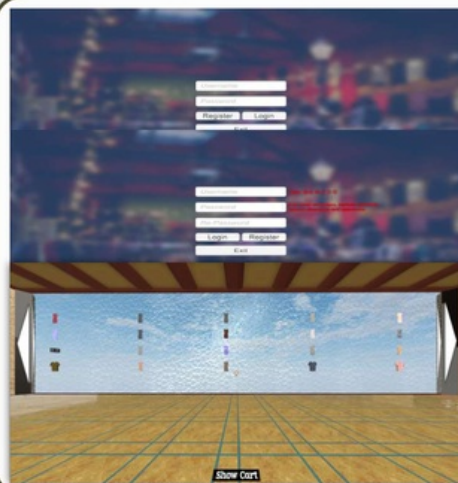
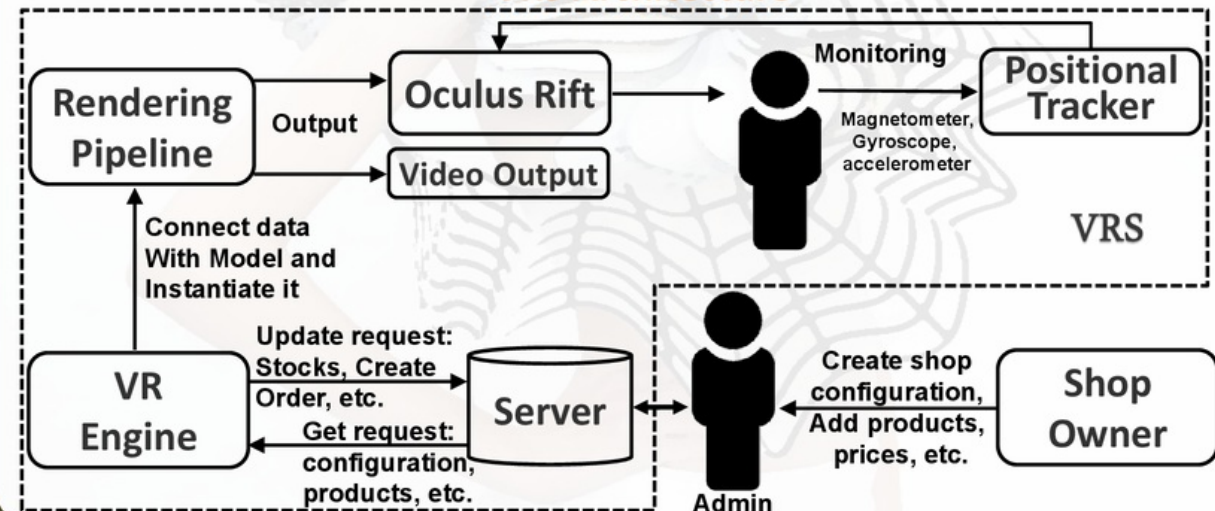
## Goals and Contributions

**Our Goal:** Explore how aspects of **online retail** can be realized into a **virtual 3D environment** in order to create fully immersive experiences that reach beyond existing physical and digital channels

### What is VRS?

- **Innovative:** One of the first **Virtual Reality Fashion environments** using the **Oculus Rift**
- **Online:** Supports **real-time connection to outlet data**
- **Easily Configurable:** Retail owners can provide any 3D model for their product, customize wall, floor and ceiling textures (e.g., add advertisements), clothe locations, colors, prices, discounts and many more

## VRS Architecture



## Interface Design



### More Information

InSPIRE Research Center: [www.inspire.uclancypus.ac.cy](http://www.inspire.uclancypus.ac.cy)  
UCLan Cyprus: [www.uclancypus.ac.cy](http://www.uclancypus.ac.cy)

Stylianios Michael  
Department of Computing  
University of Central Lancashire, Cyprus  
University Ave 12-14, Pyla 7080  
Email: smichael@uclan.ac.uk

Panayiotis Andreou  
Department of Computing  
University of Central Lancashire, Cyprus  
University Ave 12-14, Pyla 7080  
Email: pgandreou@uclan.ac.uk

