



Name:	Kyle Zyrelle C. Zabala	Seminar #:	2
Student #:	201511954	Faculty:	Engr. Maribel A. Misola
Section:	E41	Topic:	Entering the World of Mixed Reality
Schedule:	1:00pm - 3:00pm	Speaker:	Sir Christopher G. Misola
Date Submitted:	January 22, 2019	Date:	January 12, 2019

Seminar Speaker

Engr. Christopher G. Misola: Packetworx Lead Software Engineer; Elinnov Technologies Co-founder; Hubnob Associate.

Background of the Seminar Speaker

Mr. Christopher Misola is a cofounder of Ellinov Technologies, a company that develops IoT products for Information Technology and Web-based operations. He did a number of researches and prototypes in spreading the implementation of the Internet of Things by being a lead software engineer. One of his other achievements is being one of Microsoft's Technical Evangelists that developed the HoloLens, a head-mouned wearable computer that superimposes a digital reality over the real one.

Introduction

The program is about the advent of mixed reality brought by the blending of virtual and actual reality on varying levels through wearable technology. The aforementioned seminar organized by Engr. Misola's students provided a sufficient program complete with a comfortable venue and convenient schedule for the participants. Likewise, the topic is well-discussed due to the combined effort of the organizers, the speakers, and the participants, even though the program started quite a few minutes late.

Seminar Topic

The HoloLens is a wearable, portable, self-contained computer developed by Microsoft. One of its associates discussed its different features, from its conception to its final product. The operation of how it scans, interacts, and in the future, potentially, fundamentally change how people not just see, but create the world around them. The numerous improvements and benefits in various fields of science and technology are also emphasized.

Insights / Reaction / Reflection

As a young futurist, I have always been fascinated by future technologies. Not the ones seen in sci-fi clichés, but those that have made their way into the real world, like the HoloLens. I already knew back then that everything is possible, but seeing the HoloLens before me only strengthened my fascination for future technology. I thought that the idea of playing Minecraft on an actual desk as if I am the player myself is just beyond awesome, albeit a little nerdy. But then Mr. Misola showed 3d models of various things – yes, actual, digital 3d models – standing in front of him just as projected through his HoloLens, which he can touch and peek through. First was the planet Saturn, floating in the middle of the room like it was actually there even if he went around it to view the ringed planet from all angles house with great architecture, that he placed somewhere on the stage by scanning the flooring so that the HoloLens gets accurate distances. Then, a life-sized human body, with the different organism systems in view. Last was an actual mixed reality gameplay, in which he killed monsters coming out of the walls by flicking at them. All of these once lived only in movies, but the HoloLens, such a simple device not unlike

a smartphone, but whose screen is transparent and in the eye's field of view – made it real, for only a little more than \$5000. After the seminar, I now believe that the future only belongs to the rich and innovative, which challenged me in a way that made me more inspired.

Official Pictures



Figure 1. Sir Misola introducing himself



Figure 2. seminar attendees actively listening