

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, tech-oriented aesthetic. The central area is a plain white background where the text is located.

The world with Augmented Reality

What is Augmented Reality?

- ▶ The foundation of augmented reality lies in **adding a layer to the real world**. Augmented reality is a combination of actual reality. It adds information to the world around us and when executed you are able to interact with all of it in a very real human way.
- ▶ *Augmented reality takes the real world of the present, and projects digital imagery and sound into it.* You will never realize the difference between the real world and the augmented reality world. Using augmented reality is like watching a movie without television.



Areas where augmented reality is used

- ▶ Games
- ▶ Construction
- ▶ Advertising
- ▶ Sport
- ▶ The arts
- ▶ Healthcare
- ▶ Architecture
- ▶ Entertainment



Augmented reality in Gaming

- ▶ **PokemonGo** considered the breakthrough AR app for gaming. A map of the current environment displays on the screen and a rustle of grass indicate the presence of a Pokémon; a tap of the touchscreen brings up the capture display. In AR mode, the screen displays Pokémon in the user's real-world environment.



Augmented reality Equipment

- ▶ *Google glass*
- ▶ *Microsoft HoloLens*
- ▶ *Sony smart eye glass*



Virtual Reality vs Augmented Reality

- ▶ Virtual reality creates an **imaginary reality** while playing games and watching movies. Virtual reality makes a digital world to us.
- ▶ Augmented reality makes a **digital layer** in the real world.
- ▶ Both augmented reality and virtual reality use same technology. Augmented reality **adds components to the real world**. But virtual reality creates **its' own reality**.
- ▶ In virtual reality you have to **stick in one place**. So it can cause problems while using virtual reality in real world environment. But augmented reality is **easier** to use.

Drawbacks of Augmented reality

- ▶ ***Diminished reality***

We can remove the objects from the live videos. Everyone will live their own life without contacting others.

- ▶ **Health Problems**

Eye strain and psychological problems.

- ▶ **Addiction**

People will become addicted to augmented reality applications.

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Thank You