Requirement of EmpathicEngine

Zhuang Chang

May 5, 2021

Abstract

This document is requirement of EmpathicEngine system.

Contents

1 Remote Mixed Reality Collaboration

Create collaborative mixed reality environment to enable users to share work space, task information and even emotion.

1.1 Information Share

1.2 Share Scene

1.2.1 Share Video

There are clients responsible for capturing videos of the real environment which should be shared among different clients.

In some scenarios, videos should be preprocessed before sharing to deduce the network workload and augment the video content by artificial intelligent algorithms.

Cameras can be usb type camera or network surveillance.

1.2.2 Share gesture

1.3 Interaction

1.4 Agent

2 Introduction

3 Insert Section

This is to insert sections in between.here indexing automatically cahnges

4 Formula

this is Second paragraph. $V = \frac{4\pi r^3}{3}$

4.1 New Line Formula

this is Second Paragraph.

$$V = \frac{4\pi r^3}{3}$$

4.1.1 sub sub section

Introducing one more subsection

5 Inserting Tables

ASCII - Binary Character Table		
Letter	ASCII Character	Binary
A	065	010000001
B	066	0100000010
C	067	00000000
D	068	010000100