

Let's see... Let's talk: Towards an IntelligentVR Platform for Training Professionals in Disabilities

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Abstract

Mixed reality environments today expand and facilitate the possibilities of learning and rehabilitation in children, adolescents, young people, and adults with autism spectrum disorders (ASD). Likewise, people with other developmental disabilities in addition to ASD (e.g., neuromotor disorders) or also in intellectual disabilities (e.g., Down Syndrome, Angelman, Prader-Willis, Fragile X, etc.); also, in psychosocial disabilities (depressive disorders, bipolar, phobias, disorders sequelae to drug dependence, dementia, Alzheimer's, etc.) benefit from these environments. People with ASD are characterized by difficulties of social reciprocity in verbal and non-verbal communication, absence of, or at least a significant decrease in, symbolic capacity and imaginative behavior, and repetitive patterns of activity and interests. Exposure to new or uncontrolled stimuli makes real environments stressful and destructuring, leading to disruptive behaviors.

Let's see... let's talk aims to be an intelligent Mixed Reality software tool to provide support for training people who assist persons with Autism Spectrum Disorder and other disabilities: their families, organizations, professionals, and caregivers in facilitating social inclusion processes.

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Biography

Pablo Mazza is a project manager, an entrepreneur, an expert in administration of complex Healthcare organizations with robust academic background. Currently living in Germany. He has a master's degree in Economics and Health Management, Health Informatics, and an MBA with a solid background in Information Systems and Administration for more than 20 years in LATAM. Highlights include his experience in Management and Administration of complex Healthcare organizations such as 33

Public Hospitals of the City of Buenos Aires, REMEDIAR Program of the Ministry of Health of the Nation, Posadas National Hospital, Cuenca Alta SAMIC Hospital, Sommer National Hospital and others stands out. In the private sector, he works in disability rehabilitation for prepaid medicine / social security system as a firm partner, and as a management consultant for healthcare organizations such as AMA - Argentine Medical Association. Development of digital signature for medical prescriptions