

# Real-Time Communication System Powered by AI for Specially Abled

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S.NO	PAPER TITLE	AUTHOR NAME	PROJECT DESCRIPTION	DRAWBACKS	IDEA
1.	Sign Language Recognition System for People with Disability using Machine Learning and Image Processing	<a href="#">Bayan Mohammed Saleh</a> <a href="#">Reem Ibrahim Al-Beshr</a> <a href="#">Muhammad Usman Tariq</a>	Communication creates bonding and relations among the people, whether persons, social, or political views. Most people communicate efficiently without any issues, but many cannot due to disability. They cannot hear or speak, which makes Earth a problematic place to live for them. Even simple basic tasks become difficult for them. Disability is an emotive human condition. It limits the individual to a certain level of performance. Being deaf and dumb pushes the subject to oblivion, highly introverted. The application of technology should create a platform or a world of equality despite the natural state of humans. Communication, D-talk is a system that allows people who are unable to talk and hear be fully understood and for them to learn their language easier and also for the people that would interact and communicate with them.	Sign language allows deaf and hard of hearing people to communicate quickly and effectively with others who use sign language	way to convert sign language into text or voice has aids for the hearing impaired.
2.	Real-Time Communications in the Web: Issues, Achievements,	Salvatore Loreto Simon Pietro Romano	Web Real-Time Communication (WebRTC) is an upcoming standard that aims to enable real-time communication among Web browsers in a peer-to-peer fashion. The IETF RTCWeb and W3C	Asynchronous communication takes place when	web-browsers and mobile applicatio

	and Ongoing Standardization Efforts		WebRTC working groups are jointly defining both the APIs and the underlying communication protocols for setting up and managing a reliable communication channel between any pair of next-generation Web browsers.	there is a delay or lag between sharing information and receiving a response.	ns through application interfaces .
3.	AI Improving the Lives of Physically Disabled.	Hemshree Madaan  Shubham Gupta	Physical disability is one of the significant concerns that hamper individuals to access the web easily. Most of the physically disabled people cannot use technology because of the limitation of accessibility tools and techniques. It is required that the websites should be made compliant with the requirements of every citizen in a country; that's why they should cater to the needs of the differently-abled citizens as well. Features have to be introduced in the websites so that they are easy to use, readily accessible, understandable, and convenient to everyone including best practices/standards and global innovation techniques. At times, accessibility is confused with providing solutions to disabled people, but the fact is accessibility is not only for differently-abled people, but it's also there for everyone. The matter is every person needs accessibility and uses it when in need.	Features have to be introduced in the websites so that they are easy to use, readily accessible, understandable, and convenient to everyone including best practices/standards and global innovation techniques.	HPE is committed to the responsible, ethical development of AI as a means to advance the way we live and work.
4.	<b>Artificial intelligence is like artificial god for specially abled</b>	Prem Mohan	Artificial intelligence is not designed to replace humans but rather to enhance our lives by helping us do things we are unable to do on our own. Many companies are working on this type of research, including Google Deepmind, IBM Watson, Apple Siri, Microsoft Cortana, etc., which means there will likely be many new developments soon. These innovations could positively impact everyone's life – even those without disabilities – because they make	AI for Accessibility program uses the potential of Artificial Intelligence to develop solutions to many physical and cognitive challenges disabled	AI for Accessibility program uses the potential of Artificial Intelligence to develop solutions to many physical

			everyday tasks easier and less time-consuming.	individuals face at work and in daily life to promote social inclusion for them.	and cognitive challenges disabled individuals face at work and in daily life to promote social inclusion for them.
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