IDEATION PHASE

Date	19 September 2022
Team ID	PNT2022TMID47812
Project Name	Real-Time Communication System Powered By AI For Specially Abled

LITERATURE SURVEY

JOURNAL	AUTHOR	DATE	DESCRIPTION	ADVANTANGES	DISADVANTAGES
Artificial Intelligence enabled virtual sixth sense application for the disabled	Aditya Sharma , Aditya Vats , Shiv Shankar Dash and Surinder Kaur.	January 2020	Object tracking, recognition & classification, and character recognition in offline mode and guarded the app to shrink the size of the app	It provided a one-stop-shop solution to all the sections of differently-abled people. Integration has provided a seamless User interface/experience for the initial setup	Lack of Higher accuracy of the implementation through the use of custom models for object detection
Integrating Artificial Intelligence Internet of thing 5G for Next Generation martgrid:A SSurve Trend Challenges and Pr ospect	Ebenezer Esenogho,Karim Djouani And Anish M Kurien	January 6, 2022	Future Grid that leverage disruptive technologies like AI, IoT and 5G for robust reliability, security, resilience, and overall system performance.	Enhance the transition of several integrated solutions from blockchain to Internet Of Things , and 5G.	System is not truly smart or intelligent without the infusion of AI/ML strategies
D-Talk: Sign Language Recognition System for People with Disability using Machine Learning and	Rayan Mohammed Shleh , Reen Arahim Al Beeshr Muhammad Shman Tariq	Septem ber 2020	D- talk use machine learning model accuracy in figuring out which model is best at distinguishing connections	Different sign languagee tandards exist, their at aset and the user cho which sign language to read.	The code is depending on skin color and contour to find the right sign. developers narrow the tasks to only one task which is browse websites only

Image Processing					
Edge Artificial Intelligence for 6G: Vision, Enabling Technologies, and Applications	Khaled B. Letaief , Yuanming Shi , Jianmin Lu, and Jianhua Lu.	1, January 2022	Key wireless communication techniques, effective resource management approaches and holistic network architectures to design scalable and trustworthy edge AI systems.	Embedding low-power, low-latency, reliable, and trustworthy intelligence into the network edge is an inevitable trend and disruptive shift in both academia and industry.	Lack of Multidisciplinary spanning wireless communication machine learning operation research domain applications, regulations and ethics.
Guest Editorial Special Issue on Artificial Intelligence and Machine Learning for Networking and Communications	Prosper Chemouil, Pan Hui, Wolfgang Kellerer,Yong Li, Rolf Stadler, Dacheng Tao, Yonggang Wen, and Ying Zhang,	6, June 2019	AI-based radio propagation technologies in the integration of sensing and communications, how to control propagation signals using reconfigurable intelligent surfaces with AI support	Channel sparsity in high-frequency propagation well considered during the AI network design.	Lack of many concrete proposals on AI-based channel parameter estimation and characterization