LITERATURE REVIEW

Team ID	PNT2022TMID52086
Student Name	**JANARTHANAN G** **KAVYA P** **LAKSHMI M** **LINCY JEBA SELVI J**

S.No	Title	Author	Year	Inference
1	Machine Learning and AI for healthcare	Arjun Panesar	2019	❖ The world is changing.There are more phones than peoples in the world ❖ The success of many of the world's most loved services from google to Uber,Alexa to Netflix is grounded in big data. ❖ At the same time the world's population is living longer and unhealthier than ever and in a financial crisis. ❖ Digital health has always had an important role in healthcare
2	AI based Yoga Trainer- Simplifying home yoga using mediapipe and video streaming	1.Vedangi Agarwal 2.Konark Sharma 3.Abha Kiran Rajpoot	2022	❖ COVID-19 has induced the need of exercises and yoga among people. ❖ Yoga is now becoming a habit of everyone for staying fit and healthy through body and mind

				❖ Since,it was the period of complete lockdown people

				started preferring online modes for the same
				❖ The integration of AI in the fitness industry is going huge momentum among the health conscious.
				❖ This paper walks through different yoga mobile application that use the techniques of artificial intelligence to motivate their customers with personalized experience and positive feedback and introduce a new concept ofAI based yoga trainer.

3	Rethinking technologies acceptance in the age of emotional AI	1.Manh-Tung Ho 2.Peter Mantello 3.Nader Ghotbi 4.Minh-Hoang Nguyen 5.Hong-Kong T Nguyen 6.Quan-Hoang Vuong	2022	❖ This paper examines technological acceptance for automated emotion-sensing devices and nonconscious data collection(NCDC). ❖ We argue that conventional 20th century scholarship of human-machine relations is ill-equipped in the age of intelligent machines that sense,monitor,and track human sentiment,emotion and feeling. ❖ We conduct a regression analysis on a dataset of 1015 Generation Z student respondents from 48 countries and 8 regions worldwide using the Bayesian Hamiltonian Monte Carlo approach.

| 4 | The rise of artificial intelligence under the lens of sustainability | 1.Jayden Khakurel 2.Bigrit Penzenstadler 3.Jari Porras 4.Antti Knutas 5.Wenlu Zhang | 2018 | ❖ Since the 1950's artificial intelligence has been a recurring topic in research. ❖ However this field has only recently gained significant momentum because of the advances in technology and algorithms. ❖ Although companies are eager to join the fray of this new AI trend and take advantage of its potential benefits. ❖ Using the five dementions of sustainability to structure the analysis we explore the impacts of AI on several domains ❖ We find that there is a significant impact on all five dimensions with positive and negative impacts and the value of collaborations. |

5	Adapting a nutrition chatbot to the user's nutrition and food literacy	Evangelia Giannikou	2022	❖ Eating healthy is crucial to maintaining good health and avoiding diseases. ❖ Within the technology fields many nutrition applications and chatbots have been developed to promote healthy eating ❖ In our study, we assessed the nutrition and food literacy of the user with the nutrition literacy scale and developed a nutrition chatbot. ❖ The adaptive group was identified with a
				higher interest in nutrition than the non-adaptive leading to lower satisfaction because of higher expectations gains chatbot. ❖ Due to the limitation of our study we also propose repetition of the experiment with a more diverse sample in NEFL and a different NEFL assessment tool