Paper1: TitleAn IoT-based Framework for Early Identification and Monitoring of COVID-19 Cases

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Summary: This paper has published an IoT-based framework where we can reduce the impact of communicable diseases of C0VID-19. This framework was used to predict specific COVID-19 case information .In the health records of confirmed COVID-19 cases also discussed in this topic to develop a machine related Journal Pre-proof learning-based a predictive model for disease. As well as this algorithm is for analyzing this pandemic treatment response. The framework can communicate the case results to many healthcare physicians & doctors. Who can respond easily to suspected cases identified by the predictive model. This model allows the confirmed cases to be isolated and given appropriate health care. Related to this an experiment was conducted to test eight machine learning algorithms depends on a real COVID-19 dataset. The datasets are Support Vector Machine, Neural Network, Naïve Bayes, K-Nearest Neighbor (K-NN), Decision Table, Decision Stump, OneR, and ZeroR. This work actually used the preprocessed dataset to build a predictive model for our identification system .And the results showed that all of above algorithms, except the Decision Stump, OneR, and ZeroR achieved 90% accuracies than any other model.For achieving this value we use the five best algorithms which would provide effective and accurate identification of specific cases of COVID-19. Implementing the proposed framework could reduce the impact of communicable diseases in the world. And it can help to decrease the mortality rates through early detection of COVID-19 cases.