**CONCLUSIONS**

One of the significant impediments with the progression of technology and medicine is the early detection of a disease, which is in this case, diabetes. However, in this study, systematic efforts were made into designing a model which is accurate enough in determining the onset of the disease. With the experiments conducted on the Pima Indians Diabetes Database, we have readily predicted this disease. Moreover, the results achieved proved the adequacy of the system, with an accuracy of 76% using the K-Nearest Neighbours classifiers. With this being said, it is hopeful that we can implement this model into a system to predict other deadly diseases as well. There can be room for further improvement for the automation of the analysis of diabetes or any other disease in the future.

In future, we will try to create a diabetes dataset in collaboration with a hospital or a medical institute and will try to achieve better results. We will be incorporating more Machine Learning and Deep learning models for achieving better results as well.