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An Intelligent Analyzer and Predictive Model for Covid-19

Bachelor of Science in Computer Science

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Certificate

We accept the work contained in the report titled "An Intelligent Analyzer And Predictive Model For Covid-19", written by Mrs. Alishba Rasheed and Mughira Irfan as a confirmation to the required standard for the partial fulfillment of the degree of Bachelor of Science in Computer Science.

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Abstract

Various methodologies have been adopted in the new technological era to detect and diagnose diseases and viruses, mostly the methods are manual and requires one to one checkup of the subject if the disease is epidemic the chances of transferring it to other bodies increases. Covid-19 is an epidemic virus that is rapidly increasing around the globe and is no-where near getting eliminated, the best way to fight this virus is to detect it on the early stages, if detected a person should quarantine themselves to maintain distance and less chances of transferring the virus to anyone else. So, keeping the current scenario in mind the best way to decrease the number of cases is to slow the rate of local transmission. This paper proposes the utilization of online methods to detect the possible presence of corona virus, and typhoid's symptoms in the body through uploading the CT-scan or Xray test which will predict the minority and severity of the virus which will eliminate the fatigue of going to the hospital to get it confirmed by the doctor which can increase the risk of transmitting the virus so the web application will help the patient check his/her report online which will decrease the risk of virus spread.

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