**COVID-19 AI-BASED CHATBOT FOR NIGERIA**

**(N-CovidBot)**

BY

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**NSU/MSC/DIS/0039/17/18**

**A DISSERTATION SUBMITTED TO THE SCHOOL OF POSTGRADUATE STUDIES, NASARAWA STATE UNIVERSITY KEFFI, IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF MASTERS OF SCIENCE(M.SC.) DEGREE IN COMPUTER SCIENCE**

**(DATABASE MANAGEMENT)**

**DEPARTMENT OF COMPUTER SCIENCE FACULTY OF NATURAL AND APPLIED SCIENCE NASAWARA STATE UNIVERSITY, KEFFI**

**CERTIFICATION**

The dissertation “Covid-19 AI-Based Chatbot for Nigeria(N-CovidBot)” meets the regulations governing the award of Masters of Science (M.Sc.) Degree in Computer Science (Database Information System Option) of the School of Postgraduate Studies, Nasarawa State University, Keffi and is approved for its contribution to knowledge.

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**DEDICATION**

I dedicate this work to God almighty for His grace throughout the period of my research.

To my late parents Chief and Mrs. Alexand E. Ossai and Rev.Fr. Valentine E. Ossai (SJ)

who took it upon himself to act on my father’s request to extend a helping hand to all the

siblings.

**ACKNOWLEDGEMENT**

I extend my heartfelt gratitude to Dr. G.I.O, the Head of Department for his dedication in leading the department through a strong academic path. I also wish to express my thanks to Dr. Kene Anyachebelu, the departmental P.G Coordinator, and all the lecturers in the department for their invaluable assistance during my academic journey.

To my project supervisor, Dr. B.A. Ajayi, I sincerely thank him for his fatherly and brotherly advice that awaken my moral to complete this academic journey.

I appreciate Prof. J.M. Ayuba, the Dean of the Post Graduate School, for his continuous support, and I am grateful to Prof. Umar M. Gurku, the Dean of the Faculty of Natural and Applied Sciences, for his invaluable advice.

I want to acknowledge the authors of the books, journals, articles, and other relevant materials that contributed to the success of my work.

To my family, I wish to thanks all of you for your unalloyed support especially my better half Mrs. Ossai Agatha N. who never got tired in catering for my need.

Finally, to my brothers, sister and friends, I appreciate you all for your constant prayers throughout this academic gymnastic.

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**ABSTRACT**

COVID-19 AI-BASED CHABOT FOR NIGERIANS is an online application specially designed to check patients that have symptoms of covid-19 in Nigeria. The coronavirus disease (COVID-19) is a highly transmittable and pathogenic viral infection caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which emerged in Wuhan, China, and spread around the world. On March 11, 2020, World Health Organization (WHO) declared a global pandemic (Espinoza, Crown, and Kulkarni 2020). This study was necessitated as a result of the widespread pandemic worldwide through physical contact, especially in Nigeria. Meanwhile, Nigeria’s Center for disease control and Prevention has set up rules based on the world health standard to combat the disease yet, we need to do a lot medically with the aid of information and communication technology and especially in the area of artificial intelligence to win the battle. Though researchers have done work in the area of chatbot development but with functionality and scope limitations. However, Covid-19 AI Based Chatbot **(**N-CovidBot)will be proposed in this study to cushion the effects which will involve the use of WhatsApp or Telegram for the user interface, Python 3, and rasa 3.1 as the framework. This will provide a user interface where the patient will indicate the symptoms. It will be cheap and readily available for patients online. This will provide quick responses to any suspected covid-19 patient without infecting another person.