

KADUNA POLYTECHNIC

**TELEGRAM BOT THAT PROVIDES STUDENTS WITH ACADEMIC-RELATED
INFORMATION IN COMPUTER SCIENCE DEPARTMENT**

BY

FAVOUR YETU SULE

(CST20HND0596)

**THIS PROJECT IS SUBMITTED TO THE DEPARTMENT OF COMPUTER SCIENCE
KADUNA POLYTECHNIC IN PARTIAL FULFILMENT OF THE REQUIREMENTS
FOR THE AWARD OF HIGHER NATIONAL DIPLOMA IN COMPUTER SCIENCE**

DEPARTMENT OF COMPUTER SCIENCE

SCHOOL OF APPLIED SCIENCE

COLLEGE OF SCIENCE AND TECHNOLOGY

KADUNA - NIGERIA

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DECLARATION

I hereby declare that the project has been conducted solely by me under the guidance of Mal. Muhammed Muktar Tambuwal, department of **COMPUTER SCIENCE**, Kaduna Polytechnic, Kaduna and I have neither copied someone's work nor has someone else done it for me. Authors whose works have been referred to in this project have been acknowledged.

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APPROVAL

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This project is dedicated to Almighty God the beneficence the merciful and (the creator of the universe) for the gift of life and good health given to me throughout my programme.

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ABSTRACT

One of the most helpful features in mobile devices is the messenger. It becomes the main tool to communicate with each other, share information, and interact. The Internet of Things (IoT) has influenced human life where internet connectivity extends from human to human to human-to-machine or machine-to-machine. In this research field, technology and concepts allow humans to communicate with machines for a specific purpose. This research aimed to integrate between application service of the telegram sender with the proposed system, to develop an application based on the telegram bot, and to aid students with information regarding the department such as their course offered, course credit load, lecturers and their courses, etc. The proposed system is made able to provide convenience to the user, besides the telegram bot provides the user interaction with the usual interface used by people every day on their smartphones. This research work will be a mobile-based application and will be implemented on telegram using the python request library, BotFather API, while Django(python) will serve as the backend these are the modern languages used in developing the system