AI BASED TEXT INTERACTIVE CHATBOT

MINOR PROJECT REPORT

Submitted in partial fulfilment of the requirements for the award of the degree of

BACHELOR OF TECHNOLOGY

in

ELECTRICAL & ELECTRONICS ENGINEERING

by

Shaleen Singh **Harsh Gupta** **Anjali Chauhan** **Pooja Pandey**

Under the Guidance of
Dr. Parthish Kumar Paul Assistant Professor

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT
(AFFILIATED TO GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI)
NEW DELHI – 110053 DECEMBER 2020

CANDIDATES' DECLARATION

It is hereby certified that the work which is being presented in the B. Tech Minor Project Report entitled **"AI BASED TEXT INTERACTIVE CHATBOT"** in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology** and submitted in the **Department of Electrical & Electronics Engineering** of **Dr. Akhilesh Das Gupta Institute of Technology & Management**, **New Delhi (Affiliated to Guru Gobind Singh Indraprastha University, Delhi)** is an authentic record of our own work carried out during the period from **August 2020 to December 2020** under the guidance of **Dr. Parthish Kumar Paul, Assistant Professor.**

The matter presented in the B. Tech Minor Project Report has not been submitted by us for the award of any other degree of this or any other Institute.

Shaleen Singh **Harsh Gupta** **Anjali Chauhan** **Pooja Pandey**

This is to certify that the above statements made by the candidates are correct to the best of my knowledge. They are permitted to appear in the External Minor Project Examination.

Dr. Parthish Kumar Paul **Mr. Ajit Kumar Sharma**

Assistant Professor **HOD, EEE**

The B. Tech. Minor Project Viva-Voice Examination of **Shaleen Singh , Harsh Gupta , Anjali Chauhan , Pooja Pandey** has been held on **…….**

Dr. Amruta Pattnaik **Dr. Parthish Kumar Paul (Signature of External Examiner)**

Project Coordinator **Project Coordinator**

ABSTRACT

Chatbot provide a text-based User Interface, thus allowing the user to type command and receive text as well as text to speech response. Chatbots are usually a stateful service, remembering previous commands in order to provide functionality. When chatbot is integrated with web services it can be used by an even larger audience.The purpose of this project is to showcase the power of chatbots and how they can be an alternative to using an application or even a website. The chatbots should be easy to use, respond in a timely fashion and be all round user friendly. The bots should make the users interaction as easy and fast as possible to ensure that the users time is not wasted and that they get what they want without any difficulty or misunderstanding from the bot. The conversation should flow and always keep the user in control of the conversation. Users should come away from their experience with the chatbot and think that it was a fun, easy to use and straightforward interaction that would encourage them to comeback without any hesitation. . These chatbot can be used in small industries or business for automating customer care as user queries will be handled by chat bots thus reducing need of human effort, errors and expenditure.

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