**DOMAIN –** Natural Language Processing

**TITLE –** COVID-19 BOT

**ABSTRACT**

Chatbot is a computer program designed to simulate conversation with human users, especially over the internet.Simple chatbots work based on pre-written keywords that they understand, each of these command must be written by the developer seperately using regualr expressions or other form of string analysis, if the user has asked a question without using a single keyword the bot cannot understand it and as a rule responds with default messages.Smart chatbots rely on artificial intelligence when they communicate with the users instead of pre-prepared answers the bot responds with adequate suggestions on the topic. Once a chatbot is ready and is live interacting with customers, smart feedback loops can be implemented. Chatbots eliminate the requirement of any manpower during online interaction.

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