
INFORMATICS INSTITUTE OF TECHNOLOGY

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In Collaboration with

UNIVERSITY OF WESTMINSTER

# PRESCRIPTION SCANNING SYSTEM

Thesis

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## Abstract

The world today is advancing at a breakneck speed thanks to modern technology. I came up with the notion of creating a smart medical solution. The majority of individuals buy and sell medicines by manually reading the prescription; however, with this approach, we no longer need to read the prescription. It will recognize the prescription and display the information that was noted in the prescription using image processing technology. It will recognize the prescription and display the information stated in the prescription, as well as offer solutions for that information. It will be extremely beneficial to pharmacists who have difficulty interpreting prescriptions. It will also be beneficial to people who use medicine on a regular basis. We used Google Cloud API to detect the input and get the information in this study. When it comes to frameworks, there are a lot of them. We must choose an appropriate framework for the system's implementation. As a result, the flask framework was chosen.


Key Words: Google Cloud API, Flask, OCR Engine