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Introduction to Facebook Postbot

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Abstract: ***In April 2016, Facebook presented a bot for Facebook Messenger, and bots became more popular than before. A bot (a common nickname for software robot) is an automated or semi-automated tool that carries out repetitive and mundane tasks to maintain the webpages. Internet bots or Robots are automatic processes that interact with Wikipedia or other media as they were human. Numerous applications of postbot such as handling multiple websites, maintain number of webpages automatically, etc. Services provided by bots include Virtual Assistance for web page, promotional activities, weather forecasting, news notifications etc. Bots can be used for personal, commercial and social purpose. Bots can be used for fun and entertainment purpose even. The important features of bots are instant data sharing, less time consuming, easiness in handling, etc. In this project we are developing a 'Postbot for Facebook' and will discuss about it's application for promotional purpose.***
Keywords: Bots, Scrapper, RSS, SDK, API.

I. INTRODUCTION

An Internet bot, also known as web robot, WWW robot or simply a bot, is a software application that runs automated tasks (scripts) over the Internet. The existence of bots is nothing new and the most of online sales companies have the bots to assist user while he/she performs shopping activity (for example, assistance with flight ticket reservation or for user's compliance related to bought product). The main difference between bots before and Facebook post bots at the moment lies in the fact that Facebook post application is currently in developing stage. With a Facebook bot it is easier to reach lots of people instantly which was not a case with the bots made for a particular customer service. Facebook Postbots can be used for broadcast messages to all of the subscribed users.

II. ORIGIN OF RESEARCH PROBLEM

In busy schedule, users don't get time to upload the photos and to share the necessary information at proper time. In this case the PostBot will help users by automated posting. For promotional purpose it becomes difficult and hectic to the organizations to do everything manually. There is need of an automated system for same purpose.

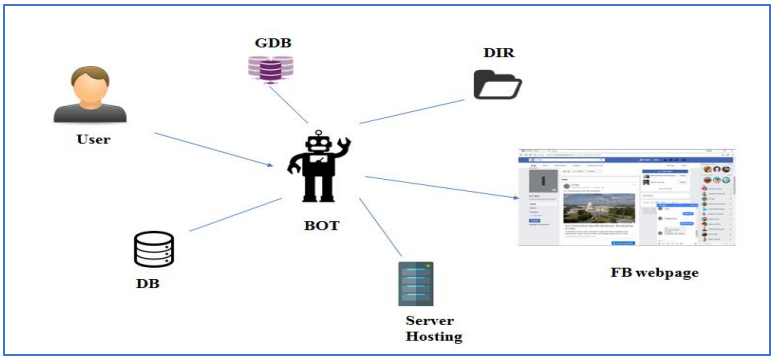
III.OBJECTIVE OF WORK

To develop an internet bot for posting purpose, that can work automatically and can be utilized for promotional purpose by colleges, organizations and industries

IV.METHODOLOGY

To develop a postbot with objective of automated posting Divide and conquer methodology is used.

V. PROPOSED ARCHITECTURE



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VI. COMPONENTS

A. SDK

Software Development Kit, provided by Facebook

B. Scraper

The one who bought the data

C. RSS

Rich Site Summary

VII. RESULTS

A. Virtual assistance for web pages

B. Automated posting with less human intervention

VIII. CONCLUSIONS

A. A web bot for automated and efficient posting on FB webpage

B. Information sharing on large scale with less human intervention

C. Application for promotional purpose by organizations, colleges, industries etc

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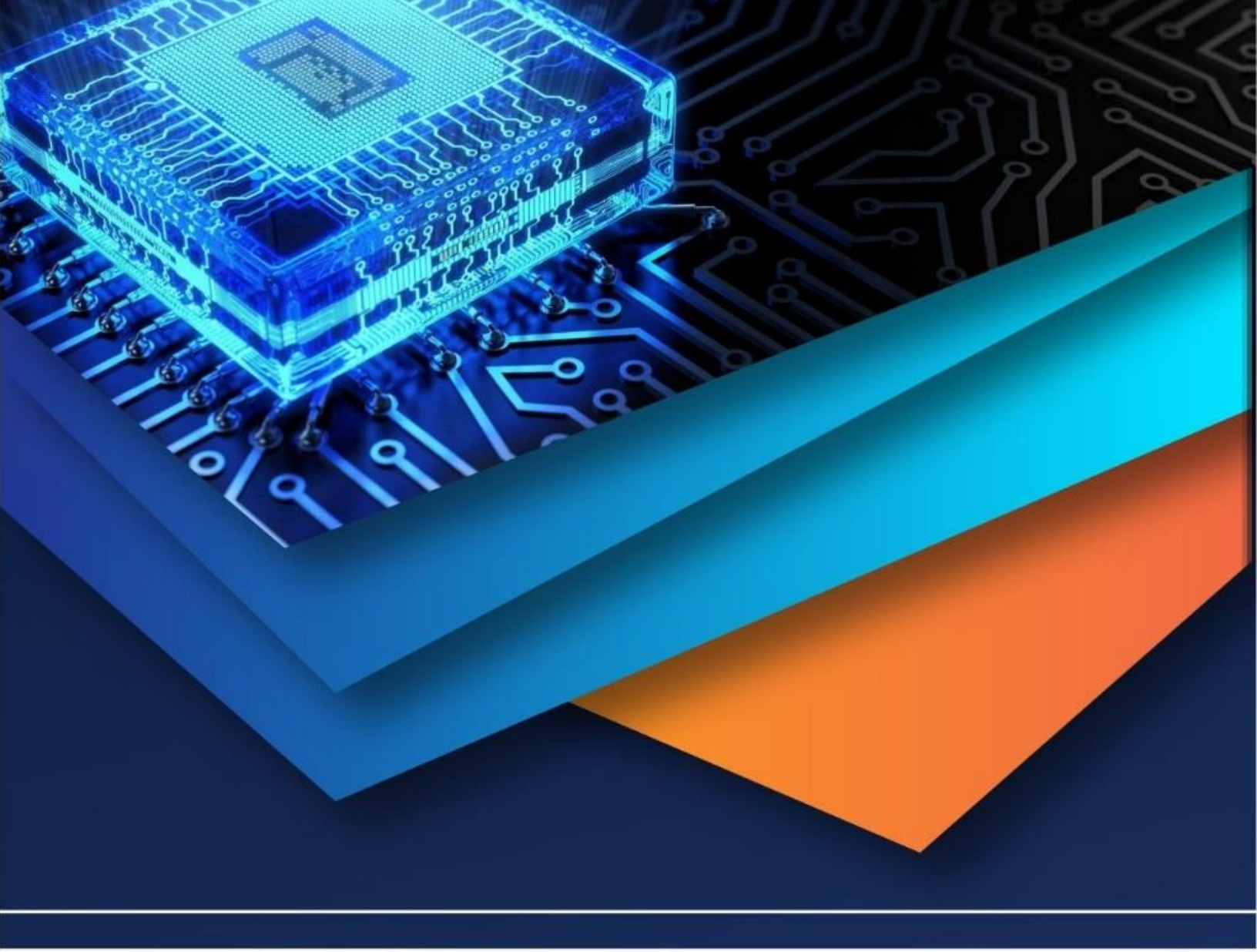

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