

A Whatsapp - Based Email Notifier

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Abstract: *Emails became one of the foremost used electronic communication mediums. But sad truth that since they're therefore sharply used, it's quite tough to stay up with them. So, so as to form our life a touch bit easier, we will build a tool which is able to fetch United States of America the assorted details from our mail box on question. From email it sends it to Email computer program by Pabbly and from there we've got connect it to WhatsApp Cloud API by Pabbly Connect and from WhatsApp Cloud API it sends to a WhatsApp. Pabbly Connect is AN economical platform that provides the options required to accomplish this. It is a message, email, decision and notification automation tool/platform. We'll be utilizing a number of its options through this project.*

Keywords: Pabbly Connect, Email Parser by Pabbly, WhatsApp Cloud API, Spams

1. Introduction

From email it sends it to Email computer program by Pabbly and from there we've got connect it to WhatsApp Cloud API by Pabbly Connect and from WhatsApp Cloud API it sends to a WhatsApp. Pabbly Connect an economical platform that provides with options required to accomplish this is a message, email, decision and notification automation tool/platform, interactive online session. Learner will be asked to select a tutor when registering for the course.

In 2020, WhatsApp create a new milestone that two billion people were using WhatsApp worldwide. And Emails have become one of the most used digital communication mediums. Over 3 million emails are sent every second by the email users. That's approximately 250 billion emails in a day and close to a whopping 100 trillion emails in a year. On average, we want to check our emails 20 times per day. And we spend 5.4 hours per day checking emails

2. Problem Statement

The increasing use of email for communication in both personal and professional settings has led to an overwhelming number of incoming messages. Many individuals find it difficult to keep track of new emails in a timely manner, especially when they are away from their computer or have their email client closed. This problem is compounded when the person is also using WhatsApp, as they have to constantly switch between different apps to check for new messages.

The aim of this project is to develop a system that integrates email and WhatsApp, allowing users to receive notifications of new emails directly on WhatsApp. This will provide a more efficient and convenient way for users to manage their

emails, as they will no longer have to frequently check their email client or switch between apps to stay informed of new messages. The system will allow users to quickly read, reply and take action to important emails directly from WhatsApp, without having to open the email client. This project will help users to increase productivity by cutting the time spent on the constant check of multiple apps for new messages, and also improve their work-life balance.

3. Objectives of the project

The main object of this project is to provide users with their required specifications and create a user-friendly interface. You will be creating a workflow in Pabbly Connect which queries the requested email data, according to the given search criteria, and sends their details to WhatsApp. User can effectively select their important emails notified using. Email filters. The plans can easily be changed according to the user's will and can be selected using this simple user-friendly interface. This project enhances our user's security and keeps the data and information confidential without being compromised.

4. Scope of Study

The scope of this project is we customized our email and then we notify in WhatsApp. And in the future, we may save some important emails in our databases. It will increase the internet information of the users which is incredibly necessary for the current generation. It is focused on studying the existing system that sends every email we get and we customized or personalized it and sent it to the user.

5. System Analysis

Proposed System: There is many WhatsApp Automation system as bots sending a reply to a message and forwarding

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the messages from one WhatsApp to another WhatsApp some Email to WhatsApp Automation system are available on the internet and it sends every email to the given WhatsApp number from the given email address. And this sends spam emails to WhatsApp and we may lose our money or any important information from our mobile phones.

The existing system mostly concentrated on sending emails to WhatsApp, while sending the mails they send every mail including spam mails also to WhatsApp. Our system customized or personalized email notifier sends the email without any unwanted and spam emails to the WhatsApp and then it was sent to WhatsApp, using Pabbly Connect we may implement this in various domains across the world.

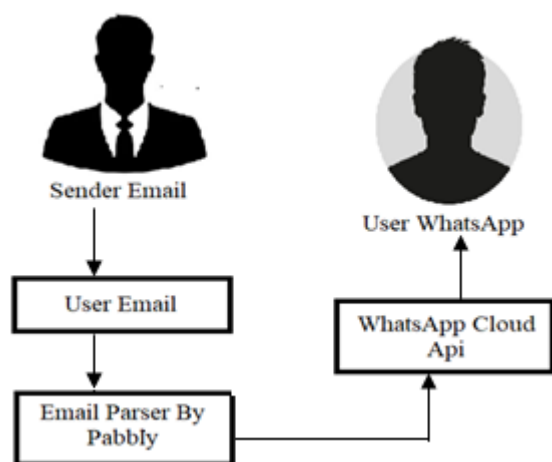
From the email our mail will send to email parser by Pabbly in Pabbly Connect Software, and from that the mail will send to WhatsApp Cloud API. And from WhatsApp Cloud API the mail will notify to the WhatsApp API.

5.1 Advantages

- An email notifier in WhatsApp would allow users to receive notifications about new messages or events in their WhatsApp account via email.
- This could be useful for individuals who prefer to receive notifications through email, or for those who are unable to receive push notifications on their mobile devices.
- Additionally, email notifications can be easily accessed from any device with an internet connection, which allows for greater flexibility and convenience for users.
- The open rate of short message applications is high in the applications like WhatsApp stands at 98% which is very very attractive when compared to the open rate of e-mail.

6. Work Flow of the System

6.1 Architecture diagram of the system



6.2 Sender Email

First, the sender must send the mail to the correct mail address. The must can be anything, it may or may not have subject but it should contain a body message.

The sender's email address is used to identify the origin of an email message and to direct replies to the correct location. When an email is sent, the sender's email address is included in the header of the message along with other information such as the recipient's email address, the subject of the message, and the date and time the message was sent.

When the recipient receives the email, they can see the sender's email address and can use it to reply to the message or forward it to others. Additionally, the sender's email address is also used by email servers to route the message to the correct destination and to handle any errors that may occur during the delivery process.

6.3 User Email

After sender send a mail to the user email. In the user email we must create a new filter in the Filters and blocked addresses from the email setting. After that in the Forwarding and POP/IMAP the email will forward to the Pabbly Connect email Parser using the unique email address from the Email Parser by Pabbly Connect.

6.4 EMAIL parser by Pabbly

Then the email will forward to the Email Parser by Pabbly Connect. An email parser like Pabbly is a tool that allows users to extract specific information from incoming emails and convert it into a structured format. Pabbly's email parser works by using pre-defined rules or templates to identify and extract specific information from an email, such as a sender's name, email address, time and date of the email, subject of the email, and body of the email.

6.5 WhasApp Cloud API

Pabbly Connect is an integration platform that allows users to connect various apps and automate tasks between them. The WhatsApp Cloud API is a set of programming interfaces that allow developers to access the functionality of WhatsApp through the cloud. If Pabbly Connect supports WhatsApp Cloud API, then you can use it to connect WhatsApp with other apps and automate tasks such as sending messages or updating customer information.

With the help of Pabbly Connect, you can automate the process of sending and receiving messages on WhatsApp, and you can even create workflows to trigger certain actions based on the messages received.

However, it is important to note that WhatsApp does not provide public access to their Cloud API, and it is only available to Business verified WhatsApp accounts. So, it's best to check with Pabbly Connect official website or customer support to confirm if WhatsApp Cloud API is supported.

The email will send to the user WhatsApp no. as a template message which is already pre-loaded in the WhatsApp Cloud API by Pabbly Connect.

6.6 User WhatsApp

From the WhatsApp Cloud API, the message sends to the user WhatsApp number. But it requires a specific setup and the recipient must have a WhatsApp Business account. WhatsApp Business account is a version of WhatsApp that allows businesses to communicate with customers through the WhatsApp platform.

It's important to note that the recipient must have set up their WhatsApp Business account to receive messages via email and the email service should support sending email to external domains.

6 Future Work

- In future we send it to telegram, SMS, signal and other messaging apps also.
- And we will improve the user interface and user experience in future.
- We will develop and improve the message how we send in the WhatsApp.
- Now we are sending the details of the email sender's information only, in future we will send the email messages too.

7 Conclusion

This personalized email foretell system which notifies using WhatsApp will send the user their customized Email to WhatsApp using Pabbly Connect which avoids getting unwanted emails and spam mail in WhatsApp. If the user set their email id and WhatsApp number the emails will automatically send to the user's WhatsApp Number and in the future, if we want a copy of the emails, we can store it in the database. We can also use this in various domains across the world and it is very useful to notify in WhatsApp. Since WhatsApp is used by over 2 billion users across the globe. We can also send Emails to WhatsApp, Emails to Telegram, and many more. It is very easy to use and it is very less time consuming and it is also very easy to debug.

The study also revealed that users have a better work-life balance as they are not constantly checking their email while they are away from their computer. The system also allows users to take actions on important emails directly from WhatsApp, without having to open the email client

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