



Empirical Research Study On Developing and Implementing Temporary Email Generator

A Report for Evaluation 3 of Project 2

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Abstract

Nowadays the most common approach to communicate either it is a professional communication or a casual chat between friends, Email or the electronic mail is the most commonly used mode of communication. Earlier Emails was developed in 1960 when a user can send an email to the user with same computer and the recipient has to be online to receive the email just like instant messaging. Today's email services are based on store and forward model, in which email servers accepts message, deliver them and store them. User's computer is not needed to be online simultaneously. About every organization require an email address, for example to access websites or any application. It is pleasant to have only one email address to have only one email address and to use it to receive only important mail and no unwanted emails. Temporary email generator is an extraordinary approach to help you keep your inbox tidier by helping you access the websites without giving out your main email address.

Introduction

What is an Email?

Short for **electronic mail**, **e-mail** or **email** is information stored on a computer that is exchanged between two users over telecommunications. More plainly, e-mail is a message that may contain text, files, images, or other attachments sent through a network to a specified individual or group of individuals.

The first e-mail was sent by Ray Tomlinson in 1971. Tomlinson sent the e-mail to himself as a test e-mail message, containing the text "something like QWERTYUIOP." However, despite sending the e-mail to himself, the e-mail message was still transmitted through ARPANET.

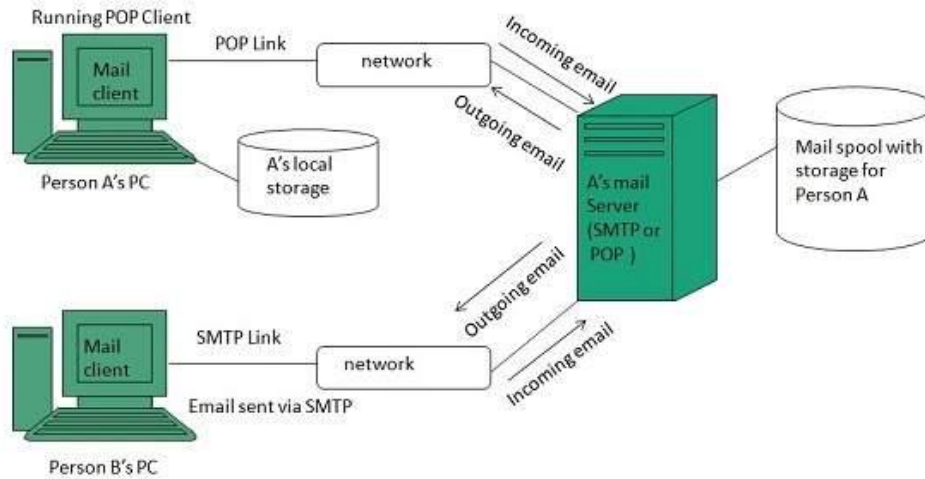
Working of an Email.

Email working follows the client server approach. In this client is the mailer i.e. the mail application or mail program and server is a device that manages emails.

Following example will take you through the basic steps involved in sending and receiving emails and will give you a better understanding of working of email system:

- Suppose person A wants to send an email message to person B.
- Person A composes the messages using a mailer program i.e. mail client and then select Send option.
- The message is routed to **Simple Mail Transfer Protocol** to person B's mail server.
- The mail server stores the email message on disk in an area designated for person B.
- Now, suppose person B is running a POP client and knows how to communicate with B's mail server.
- It will periodically poll the POP server to check if any new email has arrived for B. As in this case, person B has sent an email for person B, so email is forwarded over the network to B's PC. This message is now stored on person B's PC.

The following diagram gives pictorial representation of the steps discussed above:



What is a Temporary Email?

Almost every service requires you to provide an email address. Yet, the problem of spam and unwanted email messages is increasing day by day. Every time you provide your email address, you increase the possibility of receiving even more spams if the company you provide your information to is hacked or sells your email address for their own good. Also, numerous users of disposable email addresses are concerned with privacy as much as spams.

Temporary email addresses can help to solve the problem. By providing a different and unique email address each time you sign up for services and keeping a record of those unique email addresses, you can tell how your private information is getting to spammers.

Many temporary email addresses forward messages to your real email address. A few temporary email services make the temporary email only available for a short time.

Existing System

Currently there are many Email services which provides users to send and receive email to anyone and anywhere. These emails are the primary emails for the users and they want to keep their inbox free from spam messages. And how does these users receive spams? For example when a user visit any website, some of these website asks for users email address before accessing the website and this sharing of email address leads to receiving lots of spam messages. Here comes the need for temporary email address, with the help of temporary email address we can easily access any website and keep our primary email private and secure. This temporary email works just like the normal email address and helps users to access and website.

Proposed system

Temporary email will create a unique temporary email address which will be automatically be deleted after a fixed amount of time. This email will exactly work like the traditional email address except it will vanish after fixed amount of time.

KEY FEATURES

- This system will provide an email address with random user name.
- The email will be destroyed after 15 minutes of time.
- The email system will provide a temporary inbox that will allow user to download or upload attachments.
- Every username will be random.
- User can also edit the username according to his/her needs.
- This system will also provide monetization support(ads).

Implementation or architecture diagrams

ALGORITHM OF THE PROPOSED SYSTEM

Input: Custom or random email address

Output: Working email address

Step 1: Enter email address or choose the option of random email address.

Step 2: Checks the availability of the username.

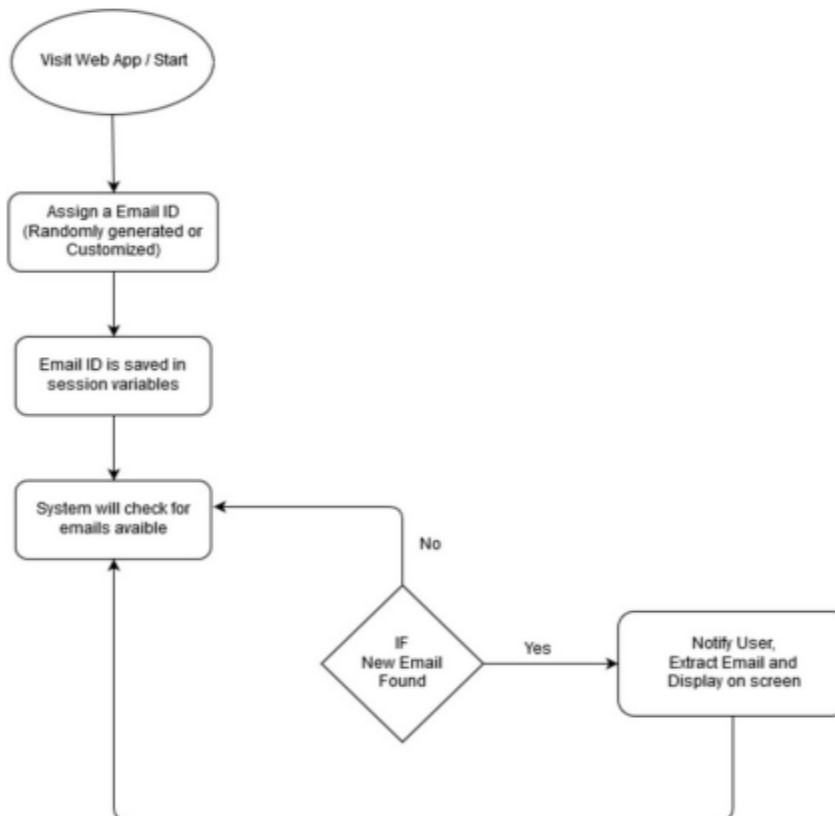
Step 3: Creates working email address.

Step 4: Email is in session.

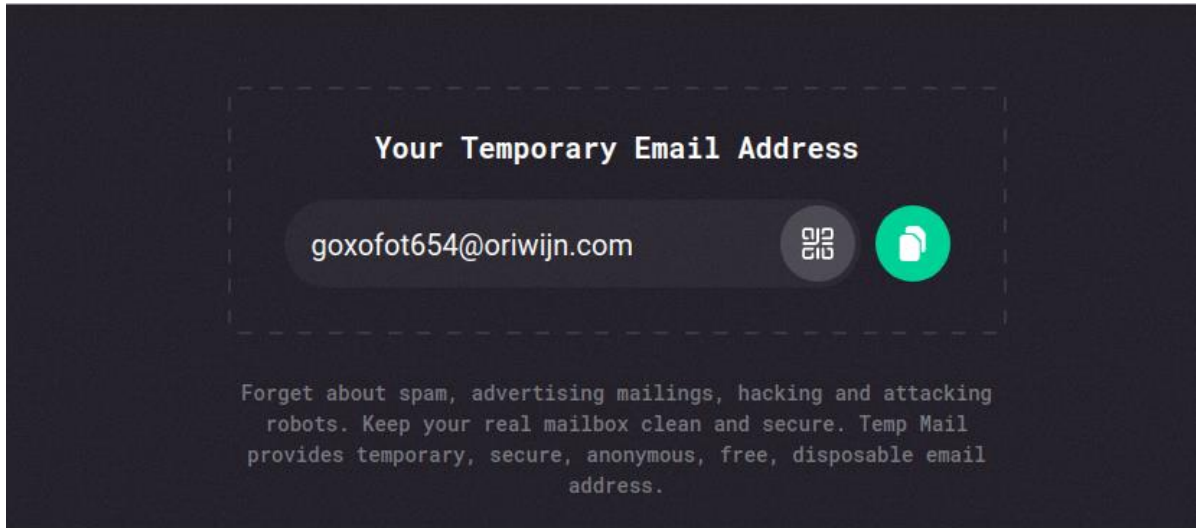
Step 5: Allows user to delete email before proposed time.


Step 6: Email expires after 15 minutes.

Step 7: Stop.



Screenshots



 Copy

 Refresh

 Change

 Delete

Conclusion/Future Enhancement

Temporary email address uses different approaches of Disposable email system. It is a simple approach of using email address to bypass users from getting spam emails. It not just creates a temporary email address it also creates a temporary inbox. It provides an effective and proven way of fight against spams. Is users use these email addresses regularly, then he/she can curb spam to almost zero. Temporary email system's service is free and open to everyone. It is an effective way to fight against spam.

In future various more features can be added to the temporary email system like an inbox can be provided, an option can be provided to for user to choose a custom email address as he likes and many more different features can be added to this temporary email system.

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