MASS MAIL DISPATCHER

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INTRODUCTION

Email marketing is one of the most effective and widely used marketing strategies by marketers across the globe. And bulk emails or mass mailing is a part of email marketing. With this service, you can send a single message to thousands of people on a mailing list or a personalized email to each address on a list. A bulk email service can send emails to a list of any size. Using a bulk email service is cheaper, faster, and much more convenient.

METHODS

FRONT-END

- HTML
- CSS

BACK-END

- PYTHON (3.10.1)
- FLASK (2.1.2)
- FLASK-MAIL (0.9.1)
- VALIDATE-EMAIL (1.3)

USE OF FLASK (2.1.2) :

```
from flask import flask , render_template, request
#flask is the prototype used to create instances of web application

#render_template : renders a template from the template folder with the given context

# request : to collect data from client's web page
```

USE OF FLASK-MAIL (0.9.1) :

- `from flask_mail import Mail, Message`

- `# Mail : manage email messages`

- `# Message : Encapsulates an email message.`

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USE OF VALIDATE-EMAIL (1.3) :

- `from validate_email import validate_email`

- `# to check if an email id is valid and if it exists`

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IMPLEMENTATION

PYTHON FILE-main.py

- Run the file

```
PS C:\Users\dell\Documents\HTML,CSS,JS\Mass Mail Dispatcher> python -u "c:\Users\dell\Documents\HTML,CSS,JS\Mass Mail Dispa
tcher\main.py"
 * Serving Flask app 'main' (lazy loading)
 * Environment: production
   WARNING: This is a development server. Do not use it in a production deployment.
   Use a production WSGI server instead.
 * Debug mode: on
 * Running on http://127.0.0.1:5000 (Press CTRL+C to quit)
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 324-976-352
```

- Click on the link which takes you to the Home page(home.html)

HOME PAGE

Enter the required details needed to send the mail.

Then the user need to upload the csv file containing the recipient's email-id.

Then after uploading the csv file, to preview the details and confirm the recipient's email-id, click the preview button which takes us to the PREVIEW PAGE.

PREVIEW PAGE

- On the preview page, check if everything is correct and check-out the valid and invalid email-id from the csv file.
- The mail would be sent to the valid email-id only.

HOME   About

PREVIEW

Email is to be sent:

from: kumargunjan0124@gmail.com

Subject: Test of my API

Body: Please do not pay attention to this message. this is just a test for my project work.

Send Mails

Valid Email-Id
gunjanku109@gmail.com
gunjan@iiitmanipur.ac.in
kumargunjan0124@gmail.com
principal.8b@gmail.com
deanca@rediffmail.com

Invalid Email-Id
sunny@gmisisl.in
kadar@honey.boy
onemanarmy

- Then after verifying all the details, click on the **Send Mails** in order to send the mail finally to the valid recipients.

RESULT PAGE

- After the mails are sent to all the recipients, the page is redirected to RESULT page which shows us the number of mails sent successfully.

HOME   About   Contact

5 Emails were sent successfully.

CONCLUSION

Mass mailing has become a new trend being used in every industry, be it marketing, education or medical. This has made the work easier, and saves time and effort.

There are many mass mailing services in the industry, but all are in some case complicated and paid. We can create our own just as mentioned in above pages.

THANK YOU

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