Integrating SendGrid service

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Project	Containment Zone Alerting Application

AIM:

To integrate the SendGrid service in web API

Procedures:

STEP 1:

Create an API key , this allow your application to authenticate to our API and send mail.

STEP 2:

- o Create an environment variable with your SendGrid API Key.

- o Install the sendgrid-python and dependencies packages.

STEP 3: Run the below code to send a email

```
# using SendGrid's Python Library
# http://github.com/sendgrid/sendgrid-python

import os
from sendgrid import SendGridAPIClient
from sendgrid.helpers.mail import Mail

message = Mail (
        from_email  = 'from_email@eample.com',
        to_email = 'to@example.com',
        subject = 'A Test From SendGrid !',
        html_content = 'Hello there from SenderGrid your URL is :'+'<strong><a
        href=https://github.com/cyberjive> right here !!!</a></strong>')
try:
        sg = SendGridAPIClient(os.environ.get('SENDGRID_API_KEY'))
        response = sg.send(message)
        print(response.status_code)
        print(response.body)
        print(response.headers)
except Exception as e:
        print(e.message)
```

Result:

sIntegration of SendGrid is completed successfully.