

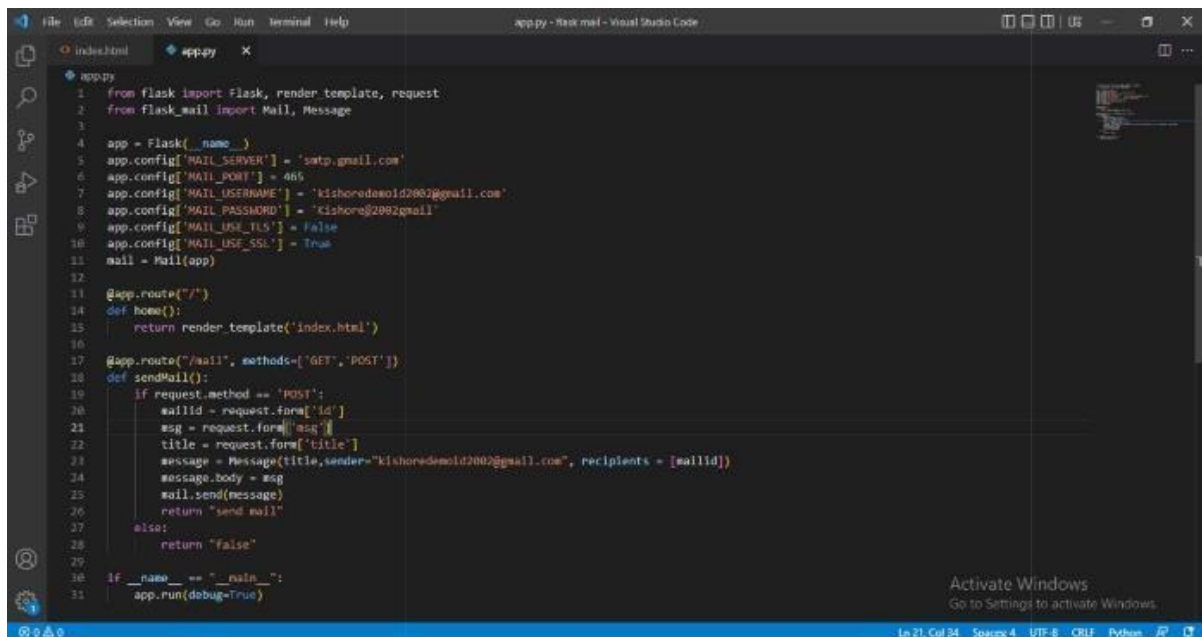
Project Title: Containment Zone Alerting Application

Team ID: PNT2022TMID04780

Sendgrid Integration With Python Code

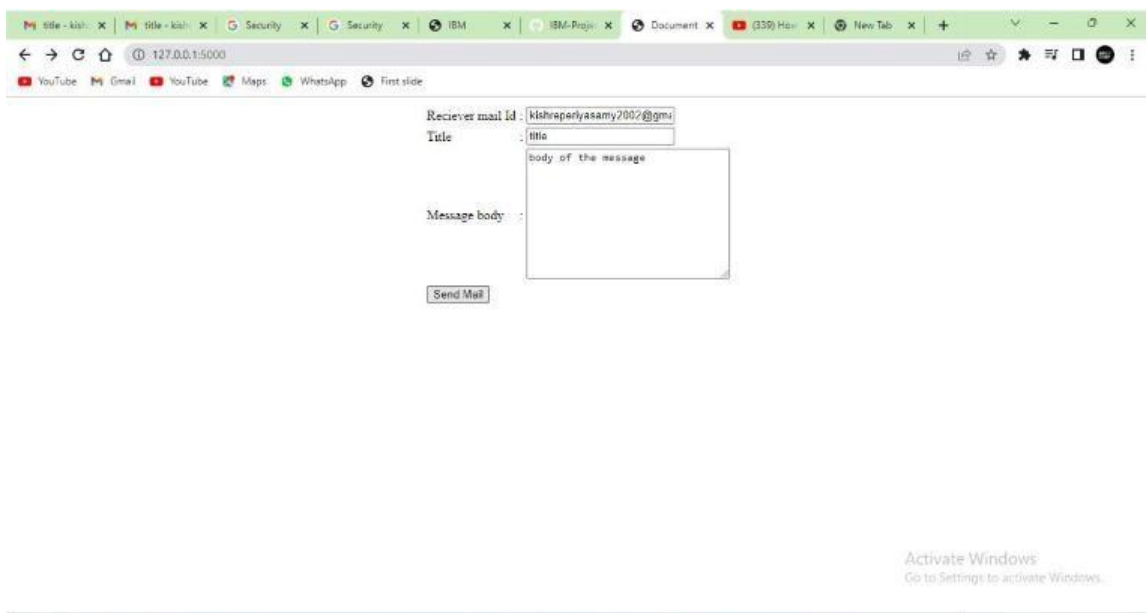
Flask Mail

SCREENSHOTS:



```
1 from flask import Flask, render_template, request
2 from flask_mail import Mail, Message
3
4 app = Flask(__name__)
5 app.config['MAIL_SERVER'] = 'smtp.gmail.com'
6 app.config['MAIL_PORT'] = 465
7 app.config['MAIL_USERNAME'] = 'kishoredemo12002@gmail.com'
8 app.config['MAIL_PASSWORD'] = 'Kishore@2002gmail'
9 app.config['MAIL_USE_TLS'] = False
10 app.config['MAIL_USE_SSL'] = True
11 mail = Mail(app)
12
13 @app.route("/")
14 def home():
15     return render_template('index.html')
16
17 @app.route("/mail", methods=['GET', 'POST'])
18 def sendMail():
19     if request.method == 'POST':
20         mailid = request.form['id']
21         msg = request.form['msg']
22         title = request.form['title']
23         message = Message(title, sender="kishoredemo12002@gmail.com", recipients = [mailid])
24         message.body = msg
25         mail.send(message)
26         return "send mail"
27     else:
28         return "false"
29
30 if __name__ == "__main__":
31     app.run(debug=True)
```

Code for using flask mail



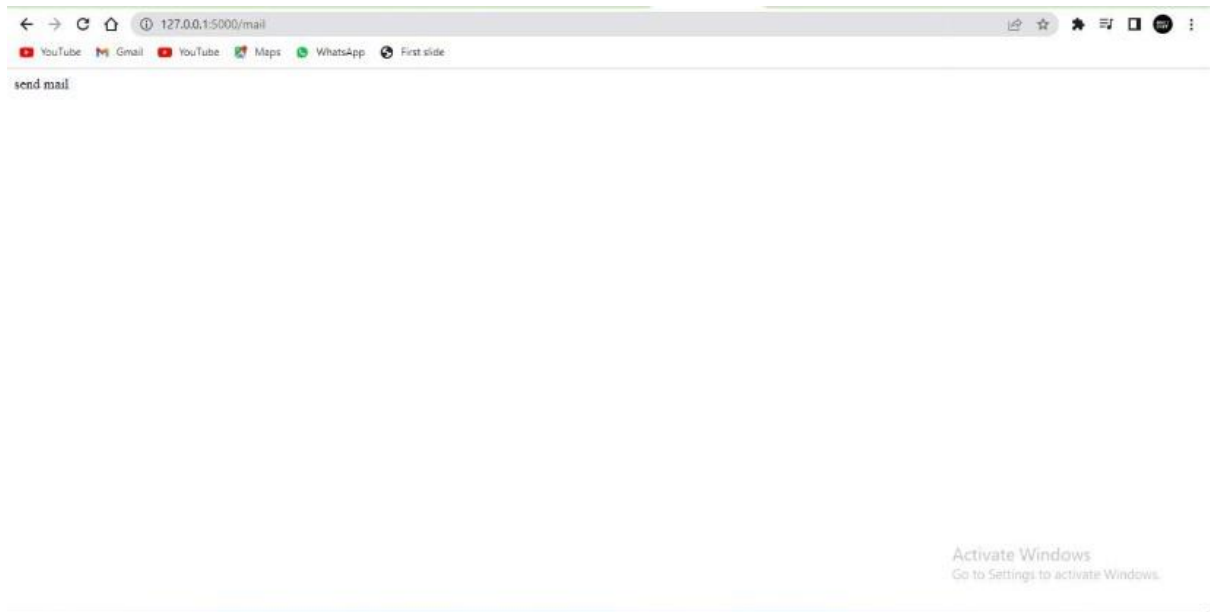
Receiver mail id : kishorepariyasamy2002@gmail.com

Title : title

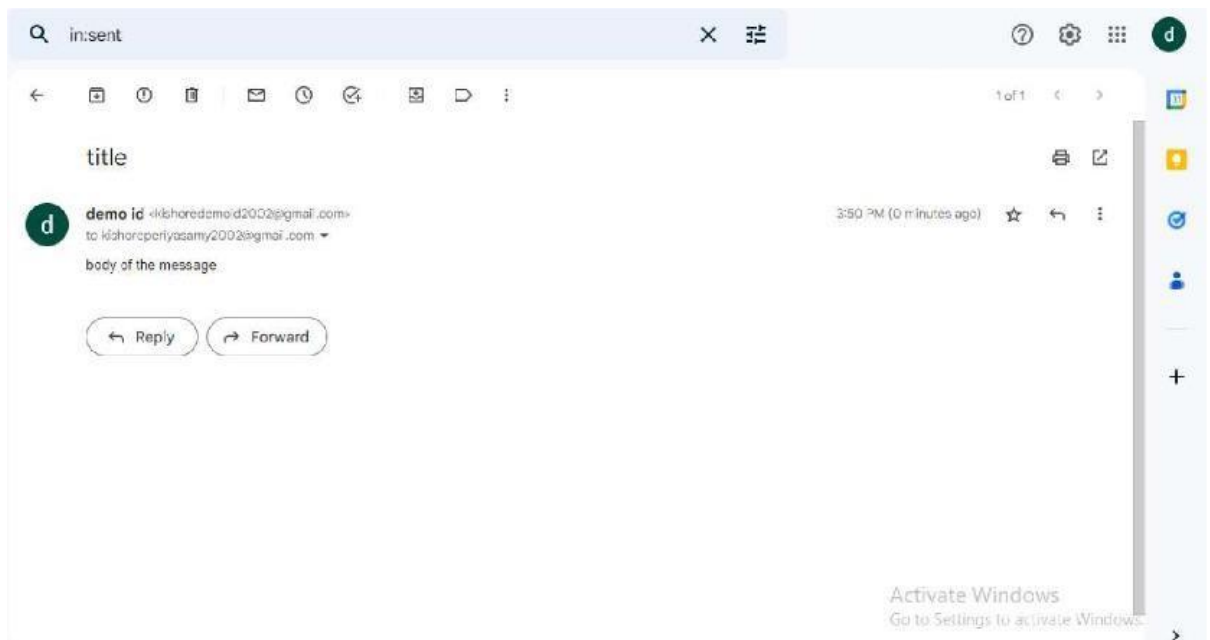
Message body : body of the message

Send Mail

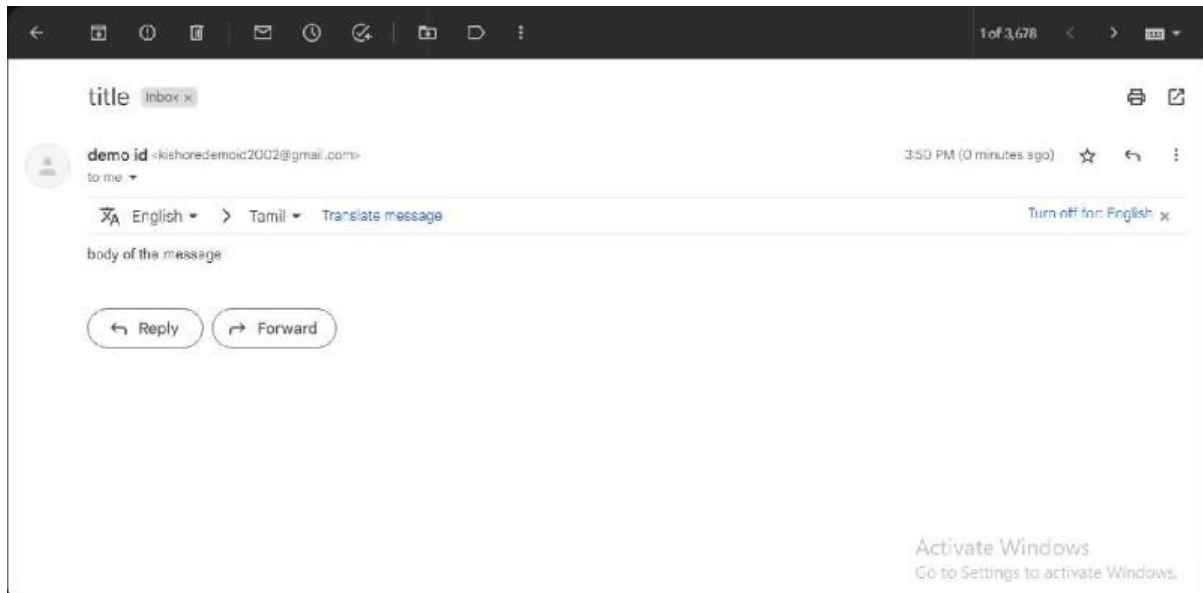
UI to get the User's data



Sent Successfully



Sent Mail Successfully



Received Mail