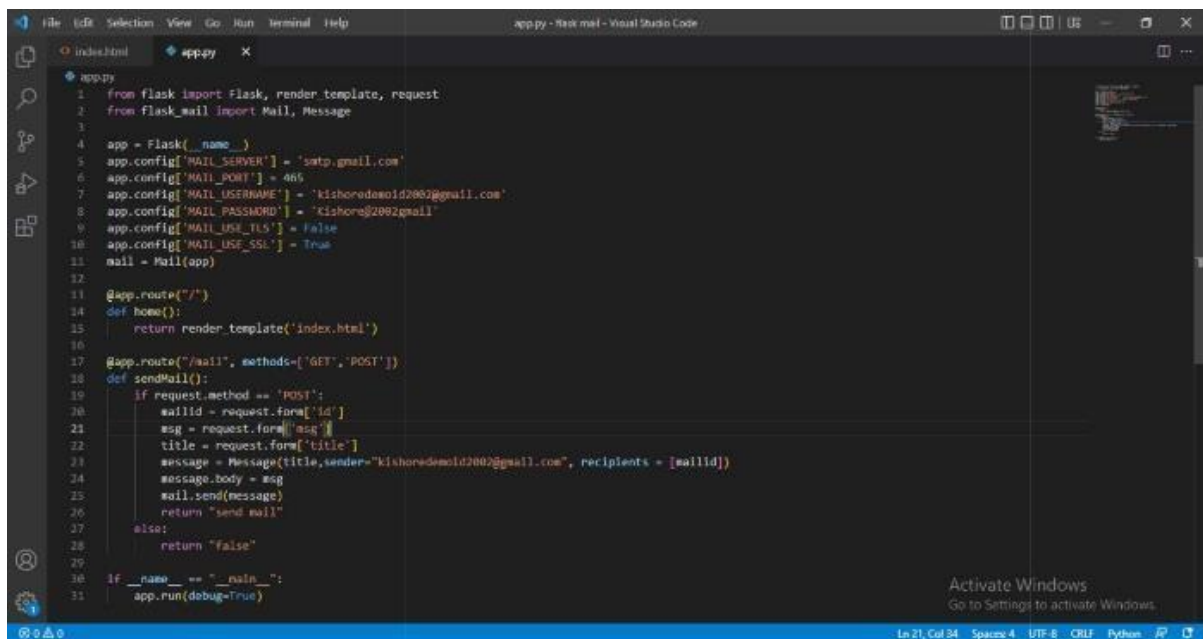


FLASK MAIL

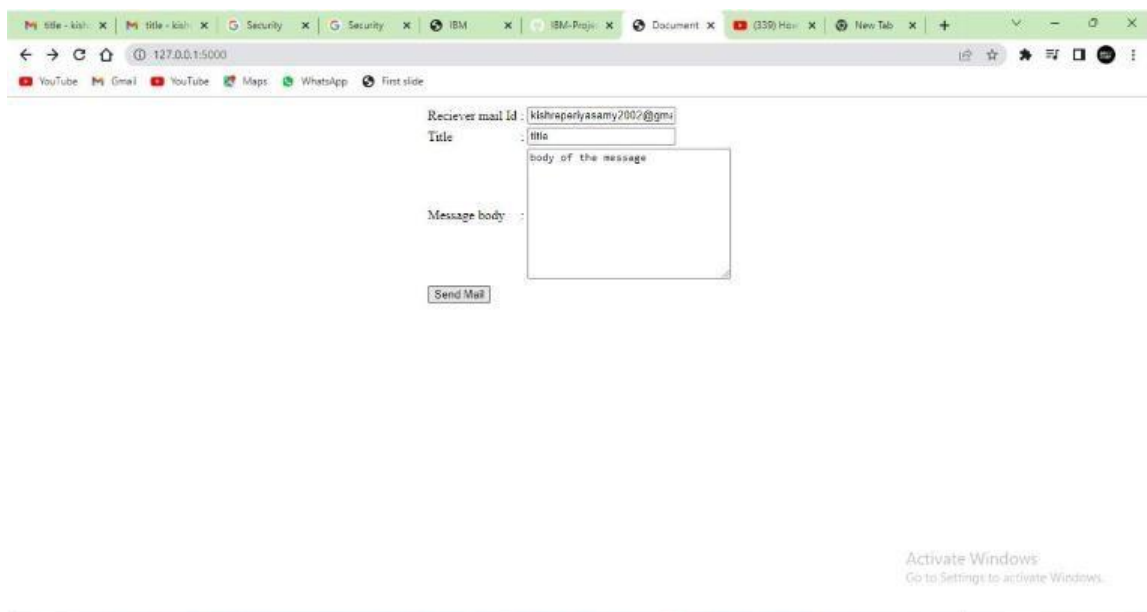
Team ID	PNT2022TMID24921
Project Name	CONTAINMENT ZONE ALERTING APPLICATION
Team Members	AishwaryaM Divyapriya S Anitha A DevedageethaC

SCREEN SHOTS:



```
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'] = 'kishoredasid2002@gmail.com'
8 app.config['MAIL_PASSWORD'] = 'kishoreg2002gmaill'
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="kishoredasid2002@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)
```

Fig1. Code for using flask mail



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000'. The page contains a form with the following fields and controls:

- Receiver mail id:** A text input field containing 'kishorepriyasamy2002@gmail.com'.
- Title:** A text input field containing 'title'.
- Message body:** A large text area containing 'body of the message'.
- Send Mail:** A button located below the message body field.

Fig2. UI to get the User's data

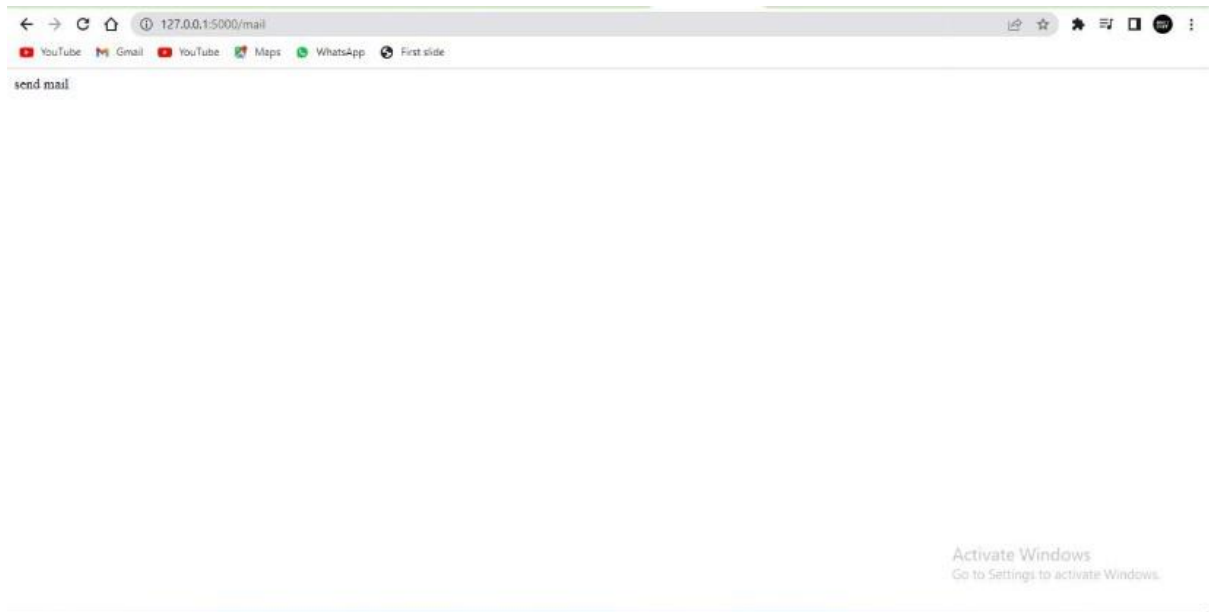


Fig3. Sent Successfully

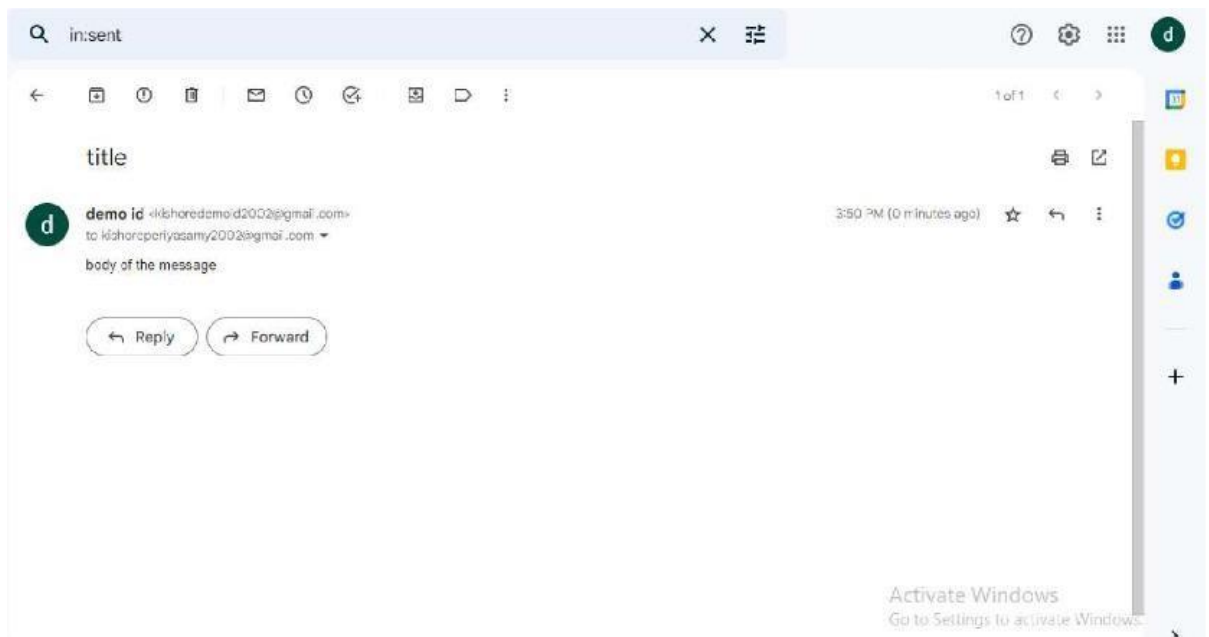


Fig4. Sent Mail Successfully

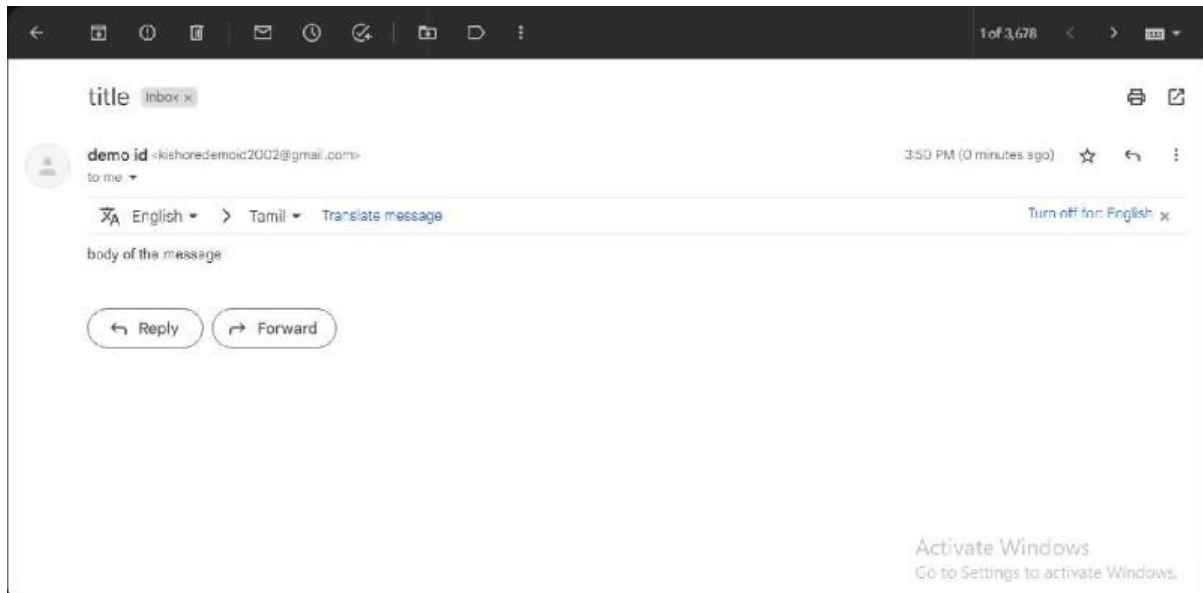


Fig5. Received Mail