

NUTRITION ASSISTANT APPLICATION

Team ID:

PNT2022TMID15840

Team members:

Shivaani.B

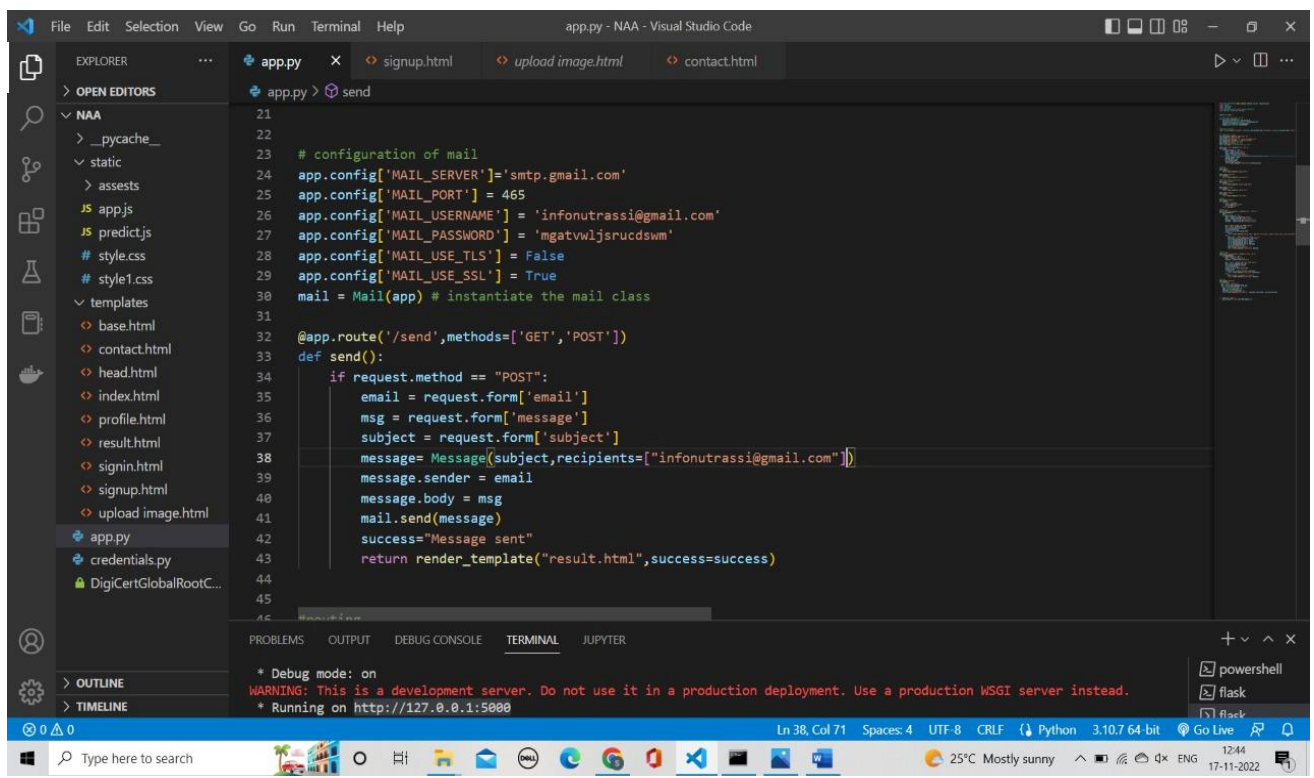
Sri Varshini.R. A

Sowjanya.G

Durga.P

SPRINT-3:

Integration of flask-mail in app.py:



```
File Edit Selection View Go Run Terminal Help
app.py - NAA - Visual Studio Code

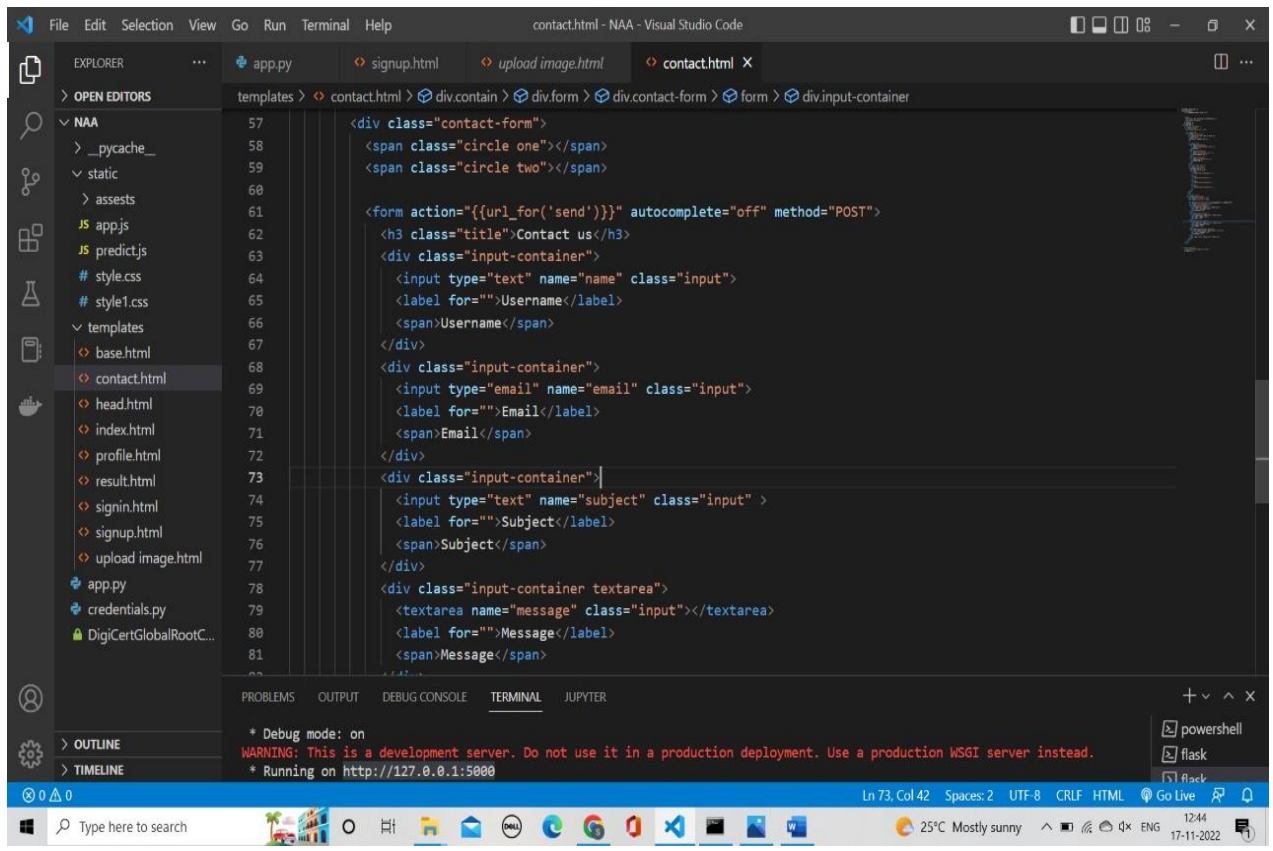
EXPLORER
> OPEN EDITORS
  > NAA
    > __pycache__
    > static
      > assets
        JS app.js
        JS predict.js
        # style.css
        # style1.css
      > templates
        > base.html
        > contact.html
        > head.html
        > index.html
        > profile.html
        > result.html
        > signin.html
        > signup.html
        > upload image.html
        app.py
        credentials.py
        DigiCertGlobalRootC...

    app.py > send
    21
    22
    23 # configuration of mail
    24 app.config['MAIL_SERVER'] = 'smtp.gmail.com'
    25 app.config['MAIL_PORT'] = 465
    26 app.config['MAIL_USERNAME'] = 'infonutrassi@gmail.com'
    27 app.config['MAIL_PASSWORD'] = 'mgatvwljsrucdswm'
    28 app.config['MAIL_USE_TLS'] = False
    29 app.config['MAIL_USE_SSL'] = True
    30 mail = Mail(app) # instantiate the mail class
    31
    32 @app.route('/send', methods=['GET', 'POST'])
    33 def send():
    34     if request.method == "POST":
    35         email = request.form['email']
    36         msg = request.form['message']
    37         subject = request.form['subject']
    38         message= Message(subject,recipients=["infonutrassi@gmail.com"])
    39         message.sender = email
    40         message.body = msg
    41         mail.send(message)
    42         success="Message sent"
    43         return render_template("result.html",success=success)
    44
    45
    46

TERMINAL
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000

Ln 38, Col 71 Spaces: 4 UTF-8 CRLF Python 3.10.7 64 bit Go Live flask flask
```

Contact.html:



The screenshot displays the Visual Studio Code editor interface. The Explorer panel on the left shows the project structure, including files like `base.html`, `contact.html`, `head.html`, `index.html`, `profile.html`, `result.html`, `signin.html`, `signup.html`, `upload image.html`, `app.py`, and `credentials.py`. The `contact.html` file is selected and open in the editor.

The code in `contact.html` is as follows:

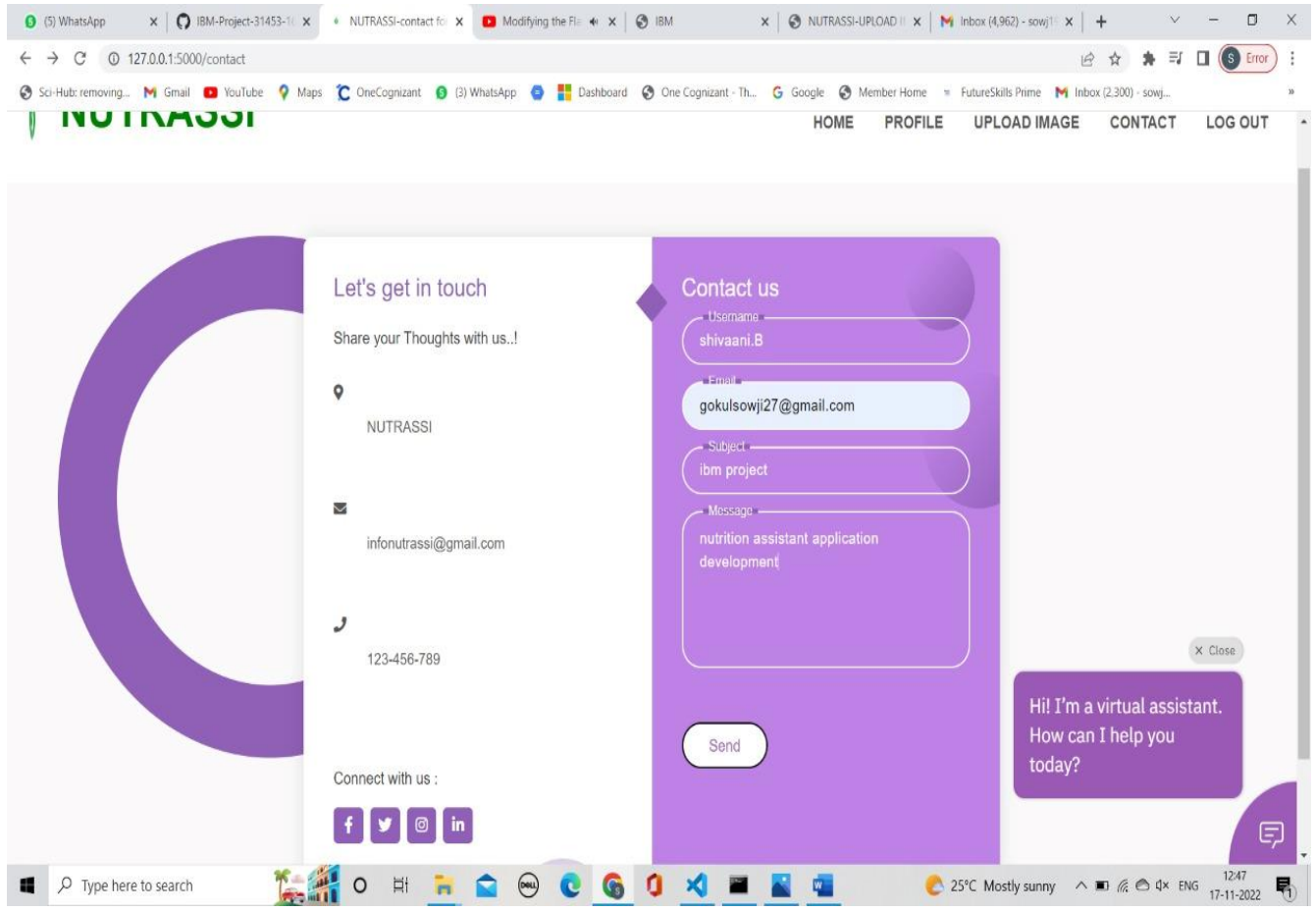
```
57 <div class="contact-form">
58   <span class="circle one"></span>
59   <span class="circle two"></span>
60
61   <form action="{{url_for('send')}}" autocomplete="off" method="POST">
62     <h3 class="title">Contact us</h3>
63     <div class="input-container">
64       <input type="text" name="name" class="input">
65       <label for="">Username</label>
66       <span>Username</span>
67     </div>
68     <div class="input-container">
69       <input type="email" name="email" class="input">
70       <label for="">Email</label>
71       <span>Email</span>
72     </div>
73     <div class="input-container">
74       <input type="text" name="subject" class="input" >
75       <label for="">Subject</label>
76       <span>Subject</span>
77     </div>
78     <div class="input-container textarea">
79       <textarea name="message" class="input"></textarea>
80       <label for="">Message</label>
81       <span>Message</span>
82     </div>
83   </form>
84 </div>
```

The terminal at the bottom shows the following output:

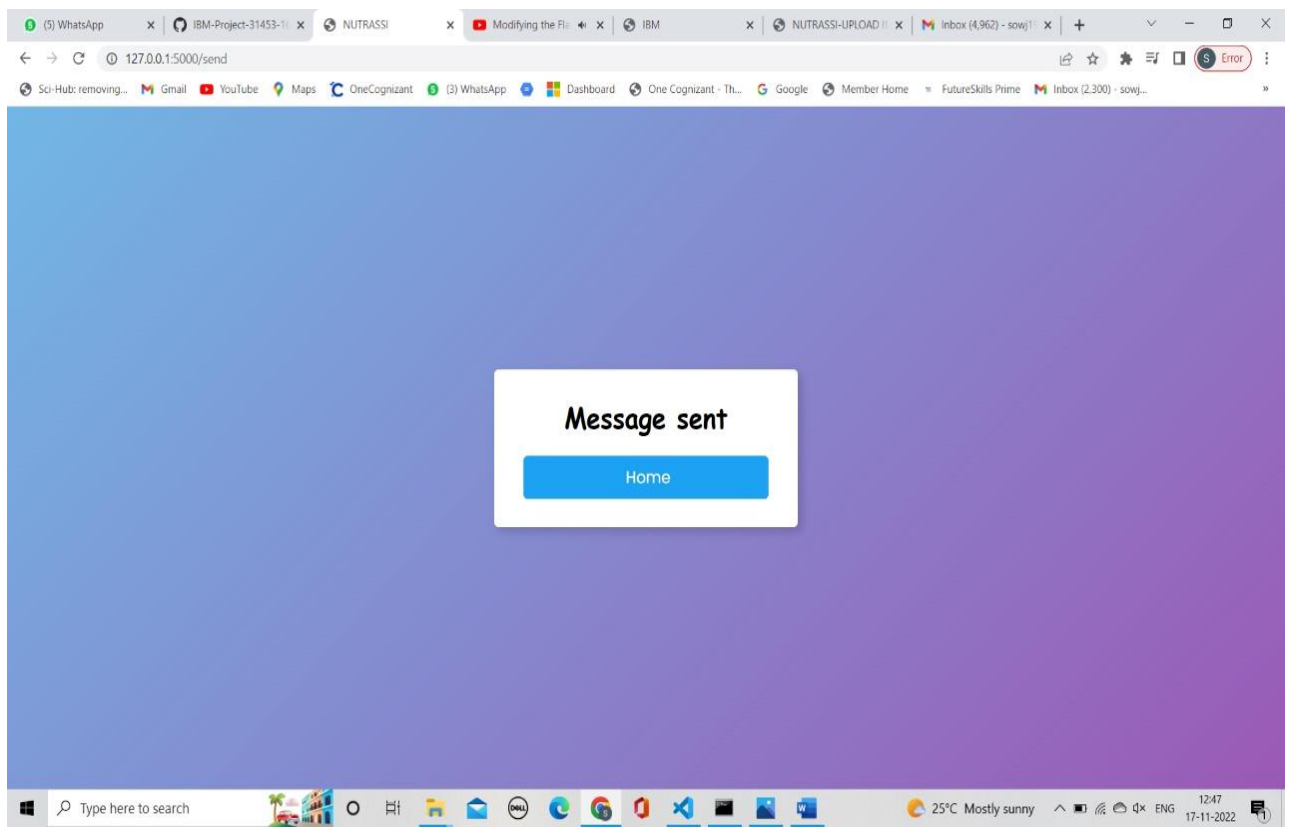
```
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
```

The status bar at the bottom indicates the current line and column (Ln 73, Col 42), the encoding (UTF-8), the line ending (CRLF), the file type (HTML), and the Go Live button.

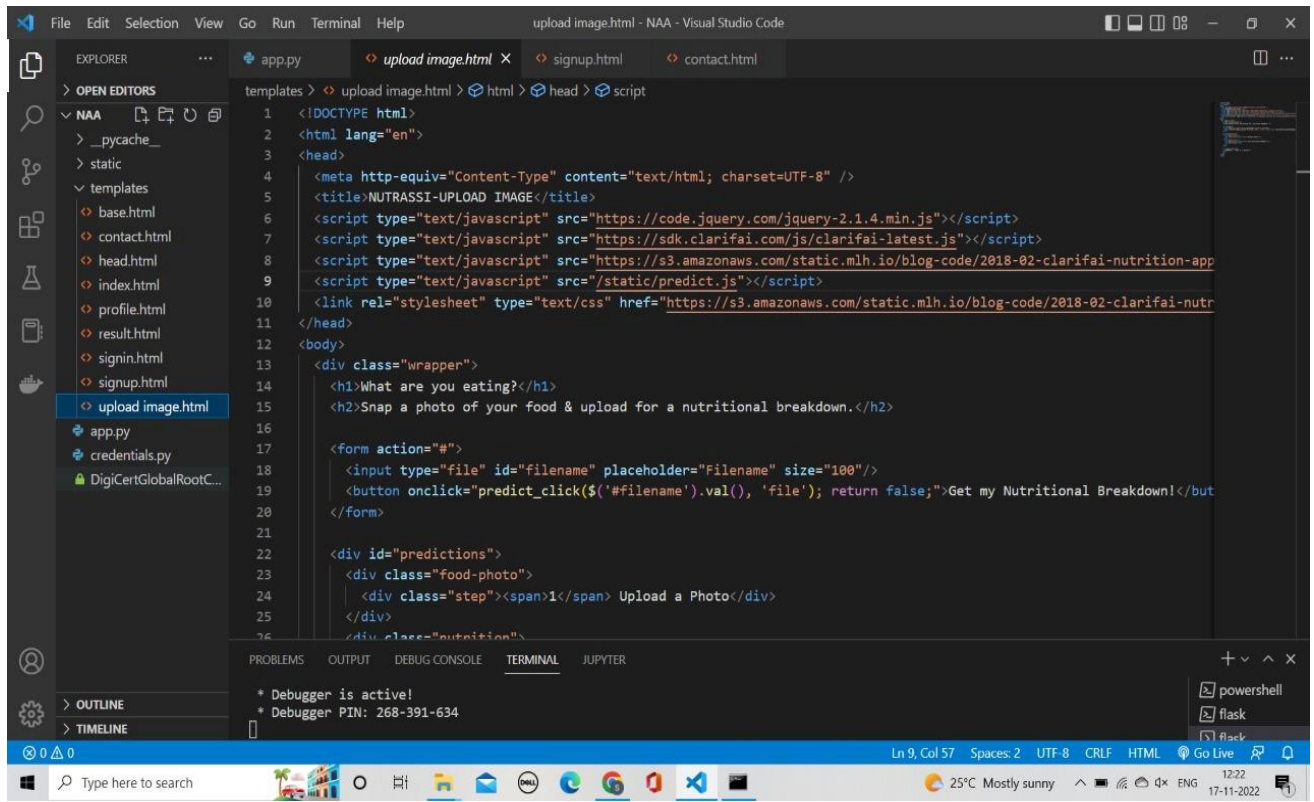
User sending message:



Confirmation of message sent:



Upload image.html:



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
5   <title>NUTRASSI-UPLOAD IMAGE</title>
6   <script type="text/javascript" src="https://code.jquery.com/jquery-2.1.4.min.js"></script>
7   <script type="text/javascript" src="https://sdk.clarifai.com/js/clarifai-latest.js"></script>
8   <script type="text/javascript" src="https://s3.amazonaws.com/static.mlh.io/blog-code/2018-02-clarifai-nutrition-app
9   <script type="text/javascript" src="/static/predict.js"></script>
10  <link rel="stylesheet" type="text/css" href="https://s3.amazonaws.com/static.mlh.io/blog-code/2018-02-clarifai-nutr
11 </head>
12 <body>
13   <div class="wrapper">
14     <h1>What are you eating?</h1>
15     <h2>Snap a photo of your food & upload for a nutritional breakdown.</h2>
16
17     <form action="#">
18       <input type="file" id="filename" placeholder="Filename" size="100"/>
19       <button onclick="predict_click($('#filename').val(), 'file'); return false;">Get my Nutritional Breakdown!</but
20     </form>
21
22     <div id="predictions">
23       <div class="food-photo">
24         <div class="step"><span>1</span> Upload a Photo</div>
25       </div>
26       <div class="nutrition">
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL JUPYTER

* Debugger is active!
* Debugger PIN: 268-391-634

Ln 9, Col 57 Spaces: 2 UTF-8 CRLF HTML Go Live

25°C Mostly sunny 12:22 17-11-2022

Result page of prediction:

