ASSIGNMENT

PROJECT NAME	INVENTORY MANAGEMENT SYSTEM FOR RETAILERS
NAME	THARUNIKA.B.M
ROLL NO	4211191031061
TEAM ID	PNT2022TMID10787

First html:

{% extends 'base.html' %}

{% block content %}
  <h1 style="text-align: center;">greetings</h1>
  <h1> {% block title %} Enter the query {% endblock %}</h1>
  {% for message in messages %}
    <div class='message'>
      <h3>TITLE : {{ message['title'] }}</h3>
      <p>MESSAGE : {{ message['Message'] }}</p>
      <p>EMAIL : {{ message['Email'] }}</p>
      <p>PHONE : {{ message['Phone'] }}</p>
      <p>QUERY : {{ message['Query'] }}</p>
      <p>MINFO : {{ message['MINFO'] }}</p>
      <p>OCUUPATION : {{ message['Occupation'] }}</p>
      <p>DOB : {{ message['DOB'] }}</p>
    </div>
  {% endfor %}
{% endblock %}

Second html:

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <title> FlaskApp</title>
   <style>
      .message {
         padding: 10px;
         margin: 5px;
         background-color: #f3f3f3
      }
      nav a {
         color: #d64161;
         font-size: 25px;
         margin-left: 50px;
         text-decoration: none;
         text-transform: uppercase;
      }

      .alert {
         padding: 20px;
         margin: 5px;
         color: #970020;
         background-color: #ffd5de;
      }
      .button {
   background-color:#970020; /* Green */
   border: none;
   color: white;
   padding: 16px 32px;
   text-align: center;
   text-decoration: none;
   display: inline-block;
   font-size: 16px;
   margin: 4px 2px;
   transition-duration: 0.4s;
   cursor: pointer;
}

.button1 {
   background-color: white;
```

```css
  color: black;
  border: 2px solid #970020;
}

.button1:hover {
  background-color: #970020;
  color: white;
}
input[type=text],textarea {
  width: 50%;
  padding: 12px 20px;
  margin: 8px 0;
  box-sizing: border-box;
  border: 2px solid red;
  border-radius: 4px;
}

    </style>
</head>
<body>
  <nav>
    <a href="{{ url_for('index') }}">FlaskApp</a>
    <a href="{{ url_for('create') }}">Create</a>

  </nav>
  <hr>
  <div class="content">
    {% for message in get_flashed_messages() %}
      <div class="alert">{{ message }}</div>
    {% endfor %}
    {% block content %} {% endblock %}
  </div>

</body>
</html>
```

APP DEVELOPMENT CODE:

```python
from flask import Flask, render_template, request, url_for, flash, redirect

app = Flask(__name__)
app.config['SECRET_KEY'] =
'df0331cefc6c2b9a5d0208a726a5d1c0fd37324feba25506'

@app.route('/create/', methods=('GET', 'POST'))
def create():
    if request.method == 'POST':
        title = request.form['title']
        content = request.form['content']

        if not title:
            flash('Title is required!')
        elif not content:
            flash('Content is required!')
        else:
            messages.append({'title': title, 'content': content})
            name = "Shyam Mohan"
            return redirect(url_for('index', messages=name ))

    return render_template('create.html')


messages = [{'title': 'Message One',
         'content': 'Message One Content'},
        {'title': 'Message Two',
         'content': 'Message Two Content'}
        ]

@app.route('/')
def index():
    return render_template('index.html', messages=messages)




@app.route('/admin')
def hello_admin():
    return 'Hello Admin'

@app.route('/guest/<guest>')
```

```python
def hello_guest(guest):
    return 'Hello %s as Guest' % guest

@app.route('/user/<name>')
def hello_user(name):
    if name =='admin':
        return redirect(url_for('hello_admin'))
    else:
        return redirect(url_for('hello_guest',guest = name))

if __name__ == '__main__':
    app.run(host='0.0.0.0', port=5000, debug=True)
```

DOCKER FILE:

```dockerfile
FROM python:3.10.4
WORKDIR /app
COPY requirements.txt ./
RUN pip install -r requirements.txt
COPY . .
EXPOSE 5000
CMD ["python","./app.py"]
```