PROJECT NAME	INVENTORY MANAGEMENT SYSTEM FOR RETAILERS
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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;
```

```
    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:

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