

ASSIGNMENT

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 %} <span style="color: rgb(30, 28, 28);">Enter the  
query</span> {% endblock %} </h1>
```

```
{% for message in messages %}
```

```
<div class='message'>
```

```
<h3><span style="color: rgb(142, 184, 27);">TITLE : </span> {{  
message['title'] }}</h3>
```

```
<p><span style="color: rgb(71, 185, 74);">MESSAGE : </span>{{  
message['Message'] }}</p>
```

```
<p><span style="color: rgb(71, 185, 74);">EMAIL : </span>{{  
message['Email'] }}</p>
```

```
<p><span style="color: rgb(71, 185, 74);">PHONE : </span>{{  
message['Phone'] }}</p>
```

```
<p><span style="color: rgb(71, 185, 74);">QUERY : </span>{{  
message['Query'] }}</p>
```

```
<p><span style="color: rgb(71, 185, 74);">MINFO : </span>{{  
message['MINFO'] }}</p>
```

```
<p><span style="color: rgb(71, 185, 74);">OCUUPATION : </span>{{  
message['Occupation'] }}</p>
```

```
<p><span style="color: rgb(71, 185, 74);">DOB : </span>{{ message['DOB']  
}}</p>
```

```
</div>
```

```
{% endfor %}
```

```
{% endblock %}
```

Second 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:

```
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>')
```

```
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"]
```