



**BHASKARACHARYA NATIONAL INSTITUTE FOR
SPACE APPLICATIONS AND GEO-INFORMATICS**
WEEKLY PROGRESS REPORT (26/09/2025 – 02/10/2025)

WEEK 9

PROJECT NAME	SMART PYTHON-POWERED DOCUMENT MANAGEMENT, SIMPLIFIED
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PROJECT DESCRIPTION :

**THE PROJECT AIMS TO PROVIDE A STREAMLINED
SOLUTION TO STORE, ORGANIZE, SECURE, AND
RETRIEVE DOCUMENTS EFFICIENTLY.**

GROUP MEMBER :

PRAGNESH RAVAL, PARTH GADHAVI, YASH RAVAL

GROUP ID :

2025G138

GROUP GUIDE :

PREM PATNI

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CCMS (VADU), HNGU UNIVERSITY

SCREEN SHOTS :

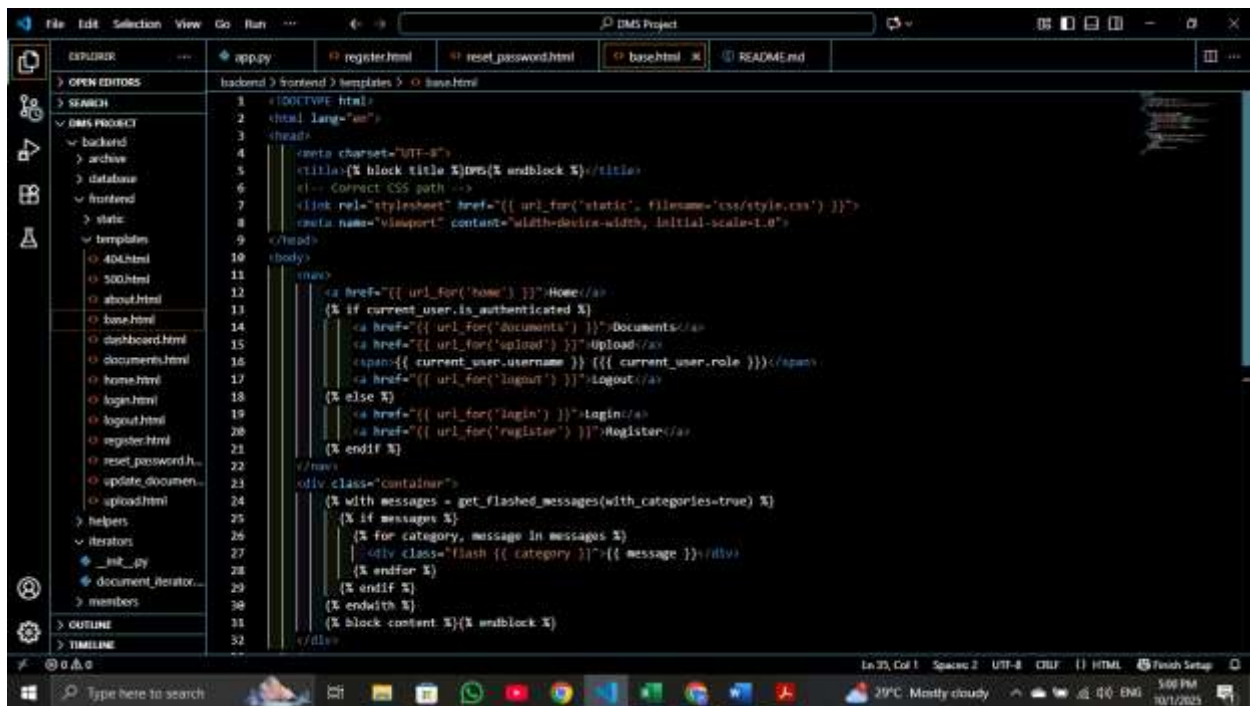
26/09/2025	<ul style="list-style-type: none">• File handling pilish (Pragnesh)• Create HTML page (Parth)• Learn create tables in html (Yash)
27/09/2025	Holiday (4 th Saturday)
28/09/2025	Holiday (Sunday)
29/09/2025	<ul style="list-style-type: none">• Create Initialize Flask app, basic route (Pragnesh)• Setup templates folder, base HTML (Parth)• Learn Python Exception Handling, File Handling (Yash)
30/09/2025	<ul style="list-style-type: none">• Setup project structure (app.py, models.py) (Pragnesh)• Create Design homepage + navbar (Parth)• Learn Python Classes, OOP basics (Yash)
01/10/2025	<ul style="list-style-type: none">• Learning Context Managers and File read/write safely with with (Pragnesh)• Integrate backend templates with placeholder data (Parth)• Learning Flask Routing & Request/Response (Yash)
02/10/2025	Holiday (Dashera)

Next Week Plan	I am planning to explore more learn Flask and build project
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REFERENCE:

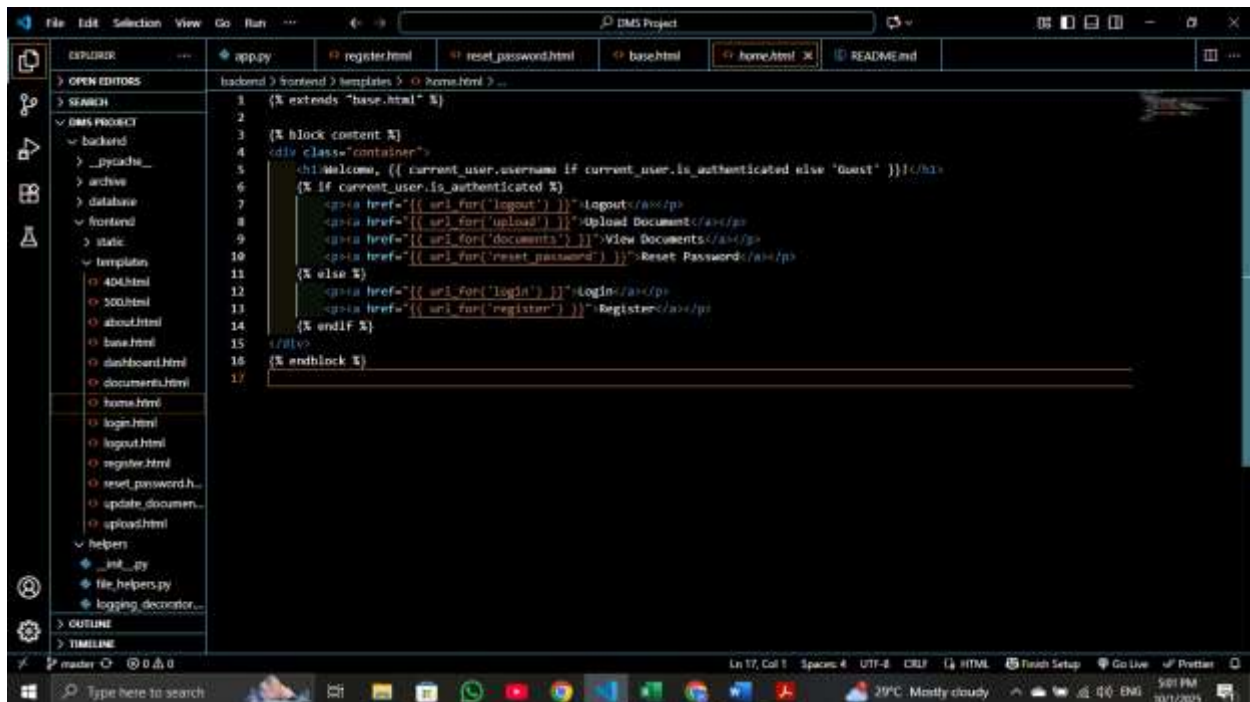
- <https://www.w3schools.com/python/>
- [HTTPS://CODE.VISUALSTUDIO.COM/](https://code.visualstudio.com/)

SCREEN SHOTS :



This screenshot shows a code editor with the 'base.html' file open. The file is a Django template that defines the base structure of the application. It includes a DOCTYPE declaration, a meta charset, a title block, and a link to a stylesheet. The main content area is enclosed in a container class. The template uses Django's template language to conditionally display links for authenticated users (Home, Documents, Upload, Logout) and for all users (Login, Register). It also includes a block for flashed messages.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <title>{% block title %}{% if %}{% endblock %}</title>
6     <!-- Correct CSS path -->
7     <link rel="stylesheet" href="{% url_for('static', filename='css/style.css') %}">
8     <meta name="viewport" content="width=device-width, initial-scale=1.0">
9 </head>
10 <body>
11     <div>
12         <a href="{% url_for('home') %}">Home</a>
13         {% if current_user.is_authenticated %}
14             <a href="{% url_for('documents') %}">Documents</a>
15             <a href="{% url_for('upload') %}">Upload</a>
16             <span>{{ current_user.username }} ({{ current_user.role }})</span>
17             <a href="{% url_for('logout') %}">Logout</a>
18         {% else %}
19             <a href="{% url_for('login') %}">Login</a>
20             <a href="{% url_for('register') %}">Register</a>
21         {% endif %}
22     </div>
23     <div class="container">
24         {% with messages = get_flashed_messages(with_categories=true) %}
25             {% if messages %}
26                 {% for category, message in messages %}
27                     <div class="flash {{ category }}">{{ message }}</div>
28                 {% endfor %}
29             {% endif %}
30         {% endwith %}
31         {% block content %}{% endblock %}
32     </div>
```



This screenshot shows a code editor with the 'home.html' file open. The file is a Django template that extends the 'base.html' template. It contains a welcome message for the current user, either the logged-in user or a guest. It also displays a list of links for the user to navigate to different parts of the application, such as Logout, Upload Documents, View Documents, Reset Password, Login, and Register.

```
1 {% extends "base.html" %}
2
3 {% block content %}
4 <div class="container">
5     <h1>Welcome, {{ current_user.username if current_user.is_authenticated else 'Guest' }}!</h1>
6     {% if current_user.is_authenticated %}
7         <a href="{% url_for('logout') %}">Logout</a>
8         <a href="{% url_for('upload') %}">Upload Documents</a>
9         <a href="{% url_for('documents') %}">View Documents</a>
10        <a href="{% url_for('reset_password') %}">Reset Password</a>
11    {% else %}
12        <a href="{% url_for('login') %}">Login</a>
13        <a href="{% url_for('register') %}">Register</a>
14    {% endif %}
15 </div>
16 {% endblock %}
17
```