**EXPERIMENT-13**

1. **Install python in your system(if not installed)**
2. **Execute the following commands in command prompt in the given order**

**below.**

1. **Check if python installed or not using**

**> python --version**

1. **>pip install virtual env (To create virtual environment)**
2. **>python -m venv env (To create env folder)**
3. **>dir**
4. **>.\env\Scripts\activate (To activate env)**
5. **>pip list**
6. **>pip install django( Install django)**
7. **>django-admin --version(To check if django installed or not)**
8. **>django-admin startproject my\_app(To create project in virtual**

**environment)**

1. **>cd my\_app**
2. **Enter VSCode Editor and Create ‘templates’ folder inside ‘my\_app/ folder’.**
3. **Inside ‘templates’ folder create 3 files i) home.html ii)dashboard.html iii)**

**contactUs.html.**

**home.html:**

<!DOCTYPE html>

<html>

<head>

    <title>Home</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet">

</head>

<body>

    <h1 class="text-center">Welcome to CMRIT</h1>

    <nav class="navbar navbar-expand-lg bg-body-tertiary">

        <div class="container-fluid">

            <a class="navbar-brand" href="#">CMRIT</a>

            <div class="collapse navbar-collapse" id="navbarNav">

                <ul class="navbar-nav">

                    <li><a class="nav-link" href="{% url 'home' %}">Home</a></li>

                    <li><a class="nav-link" href="{% url 'dashboard' %}">Dashboard</a></li>

                    <li><a class="nav-link" href="{% url 'contactUs' %}">Contact Us</a></li>

                </ul>

            </div>

        </div>

    </nav>

</body>

</html>

**dashboard.html:**

<!DOCTYPE html>

<html>

<head><title>Dashboard</title></head>

<body>

    <h1>Welcome to Dashboard</h1>

    <a href="{% url 'home' %}">Back to home</a>

</body>

</html>

**contactUs.html:**

<!DOCTYPE html>

<html>

<head><title>Contact Us</title></head>

<body>

    <h1>CMR Institute of Technology, Medchal, Hyderabad</h1>

    <a href="{% url 'home' %}">Back to home</a>

</body>

</html>

1. **Open ‘my\_app/settingd.py’ and modify the following :**

import os

'DIRS': [BASE\_DIR/'my\_app'/'templates'],

1. **Create new file ‘index.py’ by right clicking ‘my\_app/’ and type the following:**

**index.py:**

from django.shortcuts import render

def home(request):

    return render(request, 'home.html')

def dashboard(request):

    return render(request, 'dashboard.html')

def contactUs(request):

    return render(request, 'contactUs.html')

1. **Open ‘my\_app/my\_app/urls.py’ and replace with**

**urls.py:**

from django.contrib import admin

from django.urls import path

from . import index

urlpatterns = [

    path('', index.home, name='home'),

    path('dashboard/', index.dashboard, name='dashboard'),

    path('contactUs/', index.contactUs, name='contactUs'),

]

1. **In command prompt run the server using**

**>python manage.py runserver**

**OUTPUT SCREENSHOT:**





