**SOURCE CODE:**

from django.shortcuts import render

from django.template import RequestContext from django.contrib import messages

import pymysql

from django.http import HttpResponse from django.conf import settings

from django.core.files.storage import FileSystemStorage import matplotlib.pyplot as plt

import re import cv2

import numpy as np

from string import punctuation from nltk.corpus import stopwords import nltk

from nltk.stem import WordNetLemmatizer from nltk.stem import PorterStemmer import os

from nltk.tokenize import word\_tokenize

stop\_words = set(stopwords.words('english')) lemmatizer = WordNetLemmatizer()

porter = PorterStemmer()

def LCS(l1,l2): #LCS method s1 = word\_tokenize(l1) s2 = word\_tokenize(l2)

dp = [[None]\*(len(s1)+1) for i in range(len(s2)+1)] for i in range(len(s2)+1):

for j in range(len(s1)+1): if i == 0 or j == 0:

dp[i][j] = 0

elif s2[i-1] == s1[j-1]: dp[i][j] = dp[i-1][j-1]+1

else:

dp[i][j] = max(dp[i-1][j] , dp[i][j-1]) return dp[len(s2)][len(s1)]

def cleanPost(doc): tokens = doc.split()

table = str.maketrans('', '', punctuation) tokens = [w.translate(table) for w in tokens]

tokens = [word for word in tokens if word.isalpha()] tokens = [w for w in tokens if not w in stop\_words]

tokens = [word for word in tokens if len(word) > 1]

tokens = [lemmatizer.lemmatize(token) for token in tokens] tokens = [porter.stem(token) for token in tokens]

tokens = ' '.join(tokens) return tokens

text\_files = [] text\_data = [] image\_files = [] image\_data = []

def index(request):

if request.method == 'GET':

return render(request, 'index.html', {})

def Register(request):

if request.method == 'GET':

return render(request, 'Register.html', {})

def Login(request):

if request.method == 'GET':

return render(request, 'Login.html', {})

def UploadSuspiciousFile(request): if request.method == 'GET':

return render(request, 'UploadSuspiciousFile.html', {})

def UploadSuspiciousImage(request): if request.method == 'GET':

return render(request, 'UploadSuspiciousImage.html', {})

def UserLogin(request):

if request.method == 'POST':

username = request.POST.get('username', False) password = request.POST.get('password', False) index = 0

con = pymysql.connect(host='127.0.0.1',port = 3308,user = 'root', password = 'root', database = 'plagiarism',charset='utf8')

with con:

cur = con.cursor() cur.execute("select \* FROM users") rows = cur.fetchall()

for row in rows:

if row[0] == username and password == row[1]:

index = 1 break

if index == 1:

file = open('session.txt','w') file.write(username) file.close()

context= {'data':'welcome '+username}

return render(request, 'UserScreen.html', context) else:

context= {'data':'login failed'}

return render(request, 'Login.html', context)

def Signup(request):

if request.method == 'POST':

username = request.POST.get('username', False) password = request.POST.get('password', False) contact = request.POST.get('contact', False) email = request.POST.get('email', False)

address = request.POST.get('address', False)

db\_connection = pymysql.connect(host='127.0.0.1',port = 3308,user = 'root', password = 'root', database = 'plagiarism',charset='utf8')

db\_cursor = db\_connection.cursor() student\_sql\_query = "INSERT INTO

users(username,password,contact\_no,email,address) VALUES('"+username+"','"+password+"','"+contact+"','"+email+"','"+address+"')"

db\_cursor.execute(student\_sql\_query) db\_connection.commit() print(db\_cursor.rowcount, "Record Inserted") if db\_cursor.rowcount == 1:

context= {'data':'Signup Process Completed'} return render(request, 'Register.html', context) else:

context= {'data':'Error in signup process'} return render(request, 'Register.html', context)