

Central Healthcare System

CODE IMPLEMENTATION

Bachelor of Technology

in

Computer Science and Engineering

by

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Vellore Institute of Technology
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Main (app.py)

```
from flask import Flask, render_template, redirect, url_for, request, session
import pandas as pd
import numpy as np
from scipy import stats
import logging
import datetime
import os.path
from flask import Markup
import os
from face_recog import train
from flask_mysqldb import MySQL
from flask import Flask, render_template, request
from chatterbot.trainers import ListTrainer
from chatterbot import ChatBot
from chatterbot.trainers import ChatterBotCorpusTrainer
from flask import Flask, render_template, request, jsonify
import dbHandler
import time
import requests

UPLOAD_FOLDER = 'static/uploads/'

app=Flask(__name__)
app.config["DEBUG"]= True
app.config['MYSQL_HOST'] = '127.0.0.1'
app.config['MYSQL_USER'] = 'root'
app.config['MYSQL_PASSWORD'] = ''
app.config['MYSQL_DB'] = 'tarp'
app.config["UPLOAD_FOLDER"]=UPLOAD_FOLDER
app.secret_key = 'A0Zr98j/3yX R~XHH!jmN]LWX/,?RT'

bot = ChatBot('Buddy',
storage_adapter='chatterbot.storage.SQLStorageAdapter',

database_uri='sqlite:///database.sqlite3_eng',logic_adapters = [
    {
        'import_path': 'chatterbot.logic.BestMatch',
```

```

        'default_response': 'I am sorry, I do not
understand. I am still learning. Please contact doctor from our chat
window for further assistance.',
        'maximum_similarity_threshold': 0.90
    }
],
    read_only = True,

preprocessors=['chatterbot.preprocessors.clean_whitespace',
'chatterbot.preprocessors.unescape_html',
'chatterbot.preprocessors.convert_to_ascii'])

import base64
def save(username,image):
    decodeit =
open(os.path.dirname(os.path.realpath(__file__))+"/data/" +
username+".jpeg", 'wb')
    decodeit.write(base64.b64decode((image)))
    decodeit.close()

def temp_save(image):
    decodeit =
open(os.path.dirname(os.path.realpath(__file__))+"/temp/" +
"temp"+"".jpeg", 'wb')
    decodeit.write(base64.b64decode((image)))
    decodeit.close()

mysql = MySQL(app)
@app.route('/', methods=['POST', 'GET'])
def homepage():
    return render_template('index-two.html')

@app.route('/home2',methods=['POST', 'GET'])
def homepage2():
    return render_template('index-three.html')

@app.route('/login', methods=['POST', 'GET'])
def login():
    print("hello")
    if request.method == 'POST':
        username=request.form['username']

```

```

        image=request.form['image']
        l=image.split(',')
        img=l[1]
        temp_save(img)
        #print(username)
        s=username+".jpeg"
        print("s",s)
        name = train()
        print("app",name)
        if name==s:
            print("it worked:",name)
            return redirect(url_for('homepage2'))

    return render_template('login.html')

@app.route('/signup', methods=['POST', 'GET'])
def signup():
    name=" "
    email=" "
    password=" "
    dob=" "
    username=" "
    gender=" "
    image=" "
    if request.method == 'POST':
        name=request.form['name']
        session['fname'] = name
        image=request.form['image']
        email=request.form['email']
        password=request.form['password']
        dob=request.form['dob']
        username=request.form['username']
        gender=request.form['gender']
        cur = mysql.connection.cursor()
        cur.execute("INSERT INTO
users (name,email,username,password,dob,gender)
VALUES (%s,%s,%s,%s,%s,%s)", (name, email,username,password,dob,gender))
        mysql.connection.commit()
        cur.close()
        l=image.split(",")
        save(username,l[1])
        print(name,email,password,dob,username,gender,"image",image)

```

```

        return redirect(f'/ocr')

    # name = train(os.getcwd)
    # print(name)
    return render_template('signup.html')

@app.route('/ocr', methods=['POST', 'GET'])
def ocr():
    if request.method=="POST":
        uploaded_file = request.files['front']
        back_file = request.files['back']

        if uploaded_file.filename != '' and back_file.filename!='':

uploaded_file.save(os.path.join(os.path.dirname(os.path.realpath(__file__
__)))+'/aadhar/'+uploaded_file.filename)

back_file.save(os.path.join(os.path.dirname(os.path.realpath(__file__
__)))+'/aadhar/'+back_file.filename)

        from aadharcard import aadhar_card_front
        name , co, address, aadhar, gender, dob, region =
aadhar_card_front((os.path.join(os.path.dirname(os.path.realpath(__file
__)))+'/aadhar/'+uploaded_file.filename),

(os.path.join(os.path.dirname(os.path.realpath(__file__)))+'/aadhar/'+b
ack_file.filename))

        session['name'] = name
        session['father'] = co
        session['addr'] = address
        session['aadhar_num'] = aadhar
        session['gender'] = gender
        session['dob'] = dob
        print("Session-Name",name)

        return redirect(url_for('aadhaar',name = name,co = co,aadhar =
aadhar,address = address,dob = dob))
        #return render_template('aadhaar.html',name = name)
    return render_template('ocr.html')

@app.route('/aadhaar', methods=["POST","GET"])
def aadhaar():

```

```

    str1="checking"
    name = request.args.get('name')

    aadhar = request.args.get('aadhar')
    print(session['fname'],name)
    if request.method == 'POST':
        if name==session['fname']:
            str1="login successful"
            return redirect(url_for('home'))
        else:
            str1="fail"
    '''
    if request.method == 'POST':
        name = request.args.get('name')
        #name=request.form['name']
        co=request.form['co']
        aadhar=request.form['aadhar']
        address=request.form['address']
    '''

    return render_template('aadhaar.html',name =
request.args.get('name'),co = request.args.get('co'),aadhar =
request.args.get('aadhar'),address = request.args.get('address'),dob =
request.args.get('dob'),str=str1)

@app.route('/home',methods=["POST","GET"])
def home():
    return render_template("index-two.html")

@app.route('/prescription',methods=["POST","GET"])
def prescription():

    if request.method=="POST":
        uploaded_file = request.files['upload']
        if uploaded_file.filename != '':

uploaded_file.save(os.path.join(os.path.dirname(os.path.realpath(__file
__))+'/prescriptions_upload/'+uploaded_file.filename)

        from prescription_ocr import prescriptionn

```

```

        Patient, doctor , date, medicine_list =
prescriptionn(os.path.join(os.path.dirname(os.path.realpath(__file__)))
+ '/prescriptions_upload/' + uploaded_file.filename)

        print("Patient Name- ", Patient)
        print("Doctor- ", doctor)
        print("Date- ", date)
        print("Medicine- List- ", medicine_list)

    return render_template('prescription.html')

@app.route('/sms', methods=["POST", "GET"])
def sms():
    from sms import check
    if request.method=="POST":
        n=request.form["num"]
        print(n)
        check(str(n))

    return render_template("sms.html")

@app.route('/chatbot')
def chatbot():
    return render_template("chatbot.html")

@app.route("/get")
def get_bot_response():
    user_input = request.args.get('msg')
    return str(bot.get_response(user_input))

@app.route('/chatroom')
def chatroom():
    return render_template("chathome.html") # This page will be rendered
for homeUrl

@app.route('/createChatRoom', methods= ['GET','POST'])
def createChatRoom():
    chatRoomDb = 'C' + str(int(time.time())) # Creating new Name of the
chatroom ID according to UNIX timestamp.

```

```

        dbHandler.createChatRoomDB(chatRoomDb) # Creating new table in
database for new chatroom.

        dbHandler.createChatRoomID(chatRoomDb) # Enlisting new 'database
ID' to 'ChatRoomID' table.

        return(chatRoomDb) # returning name of the new chatroom, client
side script will be executed according to this.

@app.route('/<chatRoomName>') # variable 'url' for any chatroom
def chatRoom(chatRoomName):
    return render_template("chatindex.html", chatRoomName =
chatRoomName) # This is common chatroom page, this will be rendered for
any chatroom.

@app.route('/addChatToDB', methods= ['GET','POST'])
def addChatToDB():
    chatRoomID = request.form['chatRoomID'] #This data will come via
ajax request, check 'main.js' file
    username = request.form['username'] # same as previous
    comment = request.form['comment'] # same as previous
    # chatCount = request.form['chatCount'] #This data will come via
ajax request, this chat count will be incremented according to client
side.

    dbHandler.addChatToDB(chatRoomID,username,comment) # comment and
username will be inserted to db according to chatRoomID.

    return ('', 204) # For returning null value to client

@app.route('/fetchChatData', methods= ['GET','POST'])
def fetchChatData():
    chatCount = request.form['chatCount']
    chatRoomID = request.form['chatRoomID']

    chats = dbHandler.retrieveChatRoom(chatRoomID,chatCount)

    return jsonify(chats)

@app.route('/hospital')

```



```

def hospital():
    data1 = request.args.get('data')
    return render_template('hospitals.html',data=data1)

@app.route('/hospital_details', methods=['POST', 'GET'])
def index():
    if request.method == 'POST':
        city = request.form['city']
        print(city)
        session['city'] = city
        return redirect(url_for('hospital',city=city))
    return render_template('hospital_form.html')

@app.route('/hospitals', methods=['POST', 'GET'])
def hospitals():
    city_name = session['city']
    url =
"http://indian-hospital.herokuapp.com/api/v1/hospitals/?city="+city_name+"&format=json"
    req = requests.get(url)
    print("Data",req.json())
    data = {
        "data": req.json()
    }
    return jsonify(data)

if __name__ == '__main__':

    # run() method of Flask class runs the application
    # on the local development server.
    # check commentg
    #check
    app.secret_key = 'super secret key'
    app.config['SESSION_TYPE'] = 'filesystem'
    app.run()

```

Chatroom.py

```

from flask import Flask, render_template, jsonify
from flask_socketio import SocketIO, emit

app = Flask(__name__, template_folder='templates',
static_url_path='/static/', static_folder='static')
app.config['SECRET_KEY'] = 'ines'
socketio = SocketIO(app)

@app.route('/')
def index():
    return render_template('./chat_room.html')

@socketio.on('connected')
def conn(msg):
    return {'data': 'Ok'}

@socketio.on('client_message')
def receive_message(data):
    emit('server_message', data, broadcast=True)

if __name__ == '__main__':
    socketio.run(app, debug=True)

```

Facerecog.py

```

import face_recognition
import cv2
import numpy as np
import os
import glob

def train():

    faces_encodings = []
    faces_names = []

    cur_direct = os.getcwd()

    #path = os.path.join(cur_direct, 'face_recognition_copy/data/')
    #path=('/face_recognition_copy/data')
    #f=os.listdir("face_recognition copy/data")

```

```

f = os.listdir(cur_direct+"/data")
print(f)
#list_of_files = [f for f in (glob.glob(path+'*.jpg') and
(glob.glob(path+'*.jpeg')))]
#number_files = len(list_of_files)
#names = list_of_files.copy()
path="face_recognition copy/data/"
path = cur_direct+"/data/"
#print(path)
# print(number_files)
# print(list_of_files)
for i in range(len(f)):
    a = face_recognition.load_image_file(path+f[i])
    b = face_recognition.face_encodings(a)[0]
    faces_encodings.append(b)
# Create array of known names
# names[i] = names[i].replace(cur_direct, "")
# print(names[i])
# faces_names.append(names[i])
frame= face_recognition.face_encodings(frame1)[0]
#print(frame)
# small_frame = cv2.resize(frame, (0, 0), fx=0.25, fy=0.25)
# rgb_small_frame = small_frame[:, :, :-1]
ans=[]
if True:
    print("yoo")
    #face_names = []
    for i in range(len(faces_encodings)):
        print("hiii")
        matches = face_recognition.compare_faces (frame,
[faces_encodings[i]])
        print("matches",matches,f[i])
        name = "Unknown"
        face_distances = face_recognition.face_distance( frame,
[faces_encodings[i]])
        l=[]
        l.append(face_distances)
        l.append(f[i])
        ans.append(l)
        print(face_distances,f[i])
    ans=sorted(ans,key=lambda x:x[0])
    name= ans[0][1]
'''

```

```

        face_names.append(name)

    process_this_frame = not process_this_frame

    # Display the results
    for (top, right, bottom, left), name in zip(face_locations,
face_names):
        top *= 4
        right *= 4
        bottom *= 4
        left *= 4

        # Draw a rectangle around the face
        cv2.rectangle(frame, (left, top), (right, bottom), (0, 0, 255),
2)

        # Input text label with a name below the face
        cv2.rectangle(frame, (left, bottom - 35), (right, bottom), (0,
0, 255), cv2.FILLED)
        font = cv2.FONT_HERSHEY_DUPLEX
        cv2.putText(frame, name, (left + 6, bottom - 6), font, 1.0,
(255, 255, 255), 1)

    # Display the resulting image

    cv2.imshow('Video', frame)

    Hit 'q' on the keyboard to quit!
    if cv2.waitKey(1) & 0xFF == ord('q'):
        break
'''
print("name",name)
return name

```

Getdata.py

```

from flask import Flask, render_template, jsonify
import requests
import json
from flask import Flask, render_template, redirect, url_for, request,
session
app = Flask(__name__)

```

```

@app.route('/hospital')
def hospital():
    data1 = request.args.get('data')
    return render_template('hospitals.html',data=data1)

@app.route('/', methods=['POST', 'GET'])
def index():
    if request.method == 'POST':
        city = request.form['city']
        print(city)
        session['city'] = city
        return redirect(url_for('hospital',city=city))
    return render_template('hospital_form.html')

@app.route('/hospitals', methods=['POST', 'GET'])
def hospitals():
    city_name = session['city']
    url =
"http://indian-hospital.herokuapp.com/api/v1/hospitals/?city="+city_name+"&format=json"
    req = requests.get(url)
    print("Data",req.json())
    data = {
        "data": req.json()
    }
    return jsonify(data)

if __name__ == '__main__':

    app.secret_key = 'super secret key'
    app.config['SESSION_TYPE'] = 'filesystem'

    app.run()

```

Newchatroom.py

```
from flask import Flask, render_template, request, jsonify
import dbHandler
import time

app = Flask(__name__)

@app.route('/')
def home():
    return render_template("home.html") # This page will be rendered for
homeUrl

@app.route('/createChatRoom', methods= ['GET','POST'])
def createChatRoom():
    chatRoomDb = 'C' + str(int(time.time())) # Creating new Name of the
chatroom ID according to UNIX timestamp.

    dbHandler.createChatRoomDB(chatRoomDb) # Creating new table in
database for new chatroom.
    dbHandler.createChatRoomID(chatRoomDb) # Enlisting new 'database
ID' to 'ChatRoomID' table.

    return(chatRoomDb) # returning name of the new chatroom, client
side script will be executed according to this.

@app.route('/<chatRoomName>') # variable 'url' for any chatroom
def chatRoom(chatRoomName):
    return render_template("index.html", chatRoomName = chatRoomName) #
This is common chatroom page, this will be rendered for any chatroom.

@app.route('/addChatToDB', methods= ['GET','POST'])
def addChatToDB():
    chatRoomID = request.form['chatRoomID'] #This data will come via
ajax request, check 'main.js' file
    username = request.form['username'] # same as previous
    comment = request.form['comment'] # same as previous
    # chatCount = request.form['chatCount'] #This data will come via
ajax request, this chat count will be incremented according to client
side.
```

```

        dbHandler.addChatToDB(chatRoomID,username,comment) # comment and
username will be inserted to db according to chatRoomID.

        return ('', 204) # For returning null value to client

@app.route('/fetchChatData', methods= ['GET','POST'])
def fetchChatData():
    chatCount = request.form['chatCount']
    chatRoomID = request.form['chatRoomID']

    chats = dbHandler.retrieveChatRoom(chatRoomID,chatCount)

    return jsonify(chats)

if __name__ == "__main__":
    app.run(debug=True)

```

Prescriptionocr.py

```

import os
import io
from google.cloud import vision
import json
import re
import pandas as pd

def date_cleaning(date_value):

    date_value = date_value.rstrip()
    date_value = date_value.lstrip()
    date_value = date_value.replace('l', '/')
    date_value = date_value.replace('L', '/')
    date_value = date_value.replace('I', '/')
    date_value = date_value.replace('i', '/')
    date_value = date_value.replace('|', '/')
    date_value = date_value.replace('\\"', '/1')
    date_value = date_value.replace(" ", "")
    date_value = date_value.split(':')[0]
    return date_value

```

```

def prescriptionn(path):

    os.environ['GOOGLE_APPLICATION_CREDENTIALS']=
os.path.join(os.path.dirname(os.path.realpath(__file__)), "central-healthcare-system-38dc26f491a5.json")

    client = vision.ImageAnnotatorClient()
    d= os.path.dirname(os.path.realpath(__file__))
    #path = d + '/docs/' + path

    with io.open(path, 'rb') as image_file:
        content = image_file.read()

    image = vision.Image(content=content)

    response = client.text_detection(image=image)
    str1 = ""
    texts = response.text_annotations
    for text in texts:
        #print(text.description)
        str1 += text.description
        break
    print("Raw Data",str1)
    res = []
    for sub in str1.split('\n'):
        if ':' in sub:
            res.append(map(str.strip, sub.split(':', 1)))
    res = dict(res)

    # printing result
    print("The converted dictionary is : " + str(res))

#####POST_PROCESSING_TEXT#####
#####

```



```

text1 = []
text2 = []

lines = str1.split('\n')
#print(lines)
for lin in lines:
    s = lin.strip()
    s = lin.replace('\n','')
    s = s.rstrip()
    s = s.lstrip()
    text1.append(s)
text1 = list(filter(None, text1))
print(text1)

date = []
Patient = None
doctor = None

def finddate(test_str):
    check = []
    for test in test_str:
        for l in test.split():
            if(re.search(r'\d{2}/\d{2}/\d{4}', str(l)) or
re.search(r'\d{2}-\d{2}-\d{4}',str(l) )):
                check.append(l)
                test_str.remove(test)

    return check

date = finddate(text1)

for text in text1:
    text = str(text).replace("-", " ")

print(text1)
print(date)

medicine_list =
['MEDICINE', 'MEDICINES', 'MEDICINES-', 'medicine', 'Medicine']

```

```

index = 0
for text in text1:
    a = text.split()
    for k in a:
        if k in medicine_list:
            index = text1.index(text)
            break
print("Index",index)
medicine_list = text1[index+1:]
print(medicine_list)

name_list = ['NAME','NAME:','name','NAME!',"NAME-","NAME -"]
name_index = 1
for text in text1:
    a = text.split()
    for k in a:
        if k in name_list:
            name_index = text1.index(text)
            break

print(name_index)

doctor_list =
['DOCTOR','dotor','DOCTOR!','DOCTOR:','DOCTOR-','DOCTOR -']

doc_index = 1
for text in text1:
    a = text.split()
    for k in a:
        if k in doctor_list:
            doc_index = text1.index(text)
            break

Patient = ""
for i in range(name_index+1,doc_index):
    Patient += text1[i]+" "
print(Patient)
doctor = ""
for i in range(doc_index+1,index):
    doctor += text1[i]+" "
print(doctor)

```

```

        return Patient, doctor , date, medicine_list

prescriptionn("C:/Users/Raghav
Jindal/Desktop/Centralized-Healthcare-System/face_recognition
copy/prescriptions/pres1.jpeg")

```

Sms.py

```

# Download the helper library from
https://www.twilio.com/docs/python/install
import os
from twilio.rest import Client

def check(s):
# Find your Account SID and Auth Token at twilio.com/console
# and set the environment variables. See http://twil.io/secure
    account_sid = 'AC4a11a59091a289f9edba4de147c5aeb5'
    auth_token = 'dac6393ff83c3ad94901a87d13eeee33'
    client = Client(account_sid, auth_token)

    # add_ons_data =
{"payfone_tcpa_compliance.RightPartyContactedDate": "20160101"}

    message = client.messages \
        .create(
            body="Python sms is working /n Raghav",
            from_='+17579097849',
            to='+91'+s
        )

    print(message.sid)

```

Scrape.py

```

from bs4 import BeautifulSoup
import requests
import pandas as pd

def scrape(let):

```

```

url1="https://www.lmg.com/drugs-all-medicines?label="
url2=url1+let
hdr = {'User-Agent': 'Mozilla/5.0 (X11; Linux x86_64)
AppleWebKit/537.11 (KHTML, like Gecko) Chrome/23.0.1271.64
Safari/537.11',
      'Accept':
'text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8',
      'Accept-Charset': 'ISO-8859-1,utf-8;q=0.7,*;q=0.3',
      'Accept-Encoding': 'none',
      'Accept-Language': 'en-US,en;q=0.8',
      'Connection': 'keep-alive'}
br=requests.get(url2,headers=hdr)
soup=BeautifulSoup(br.text,"html.parser")
s1=soup.find_all('a',{'class':"button-text link-page"})
lastpage=0
for j in s1:
    lastpage=int(j.text)

for k in range(1,lastpage+1):
    print(k)
    pstr("&page="
    url=url2+pstr+str(k)
    br=requests.get(url,headers=hdr)
    soup=BeautifulSoup(br.text,"html.parser")
    s4 = soup.find_all('div',{'class':"style__font-bold__1k9Dl
style__font-14px__YZZrf style__flex-row__2AKyf
style__space-between__2mbvn style__padding-bottom-5px__2NrDR"})
    for i in s4:
        a=i.text.split("MRP")
        l3.append(a[0])
        l4.append(a[1])

l=[]
l3=[]
l4=[]
for i in range(97,123):
    let=chr(i)
    print(let)
    scrape(let)
md={"name":l3,"price":l4}
df=pd.DataFrame(md)

```

```
df.to_csv("medicine.csv")
```

Index2.html

```
<!DOCTYPE html>
  <html lang="en">

<head>
  <meta charset="utf-8" />
  <title>Doctris</title>
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">

  <!-- favicon -->
  <link rel="shortcut icon" href="images/favicon.ico">
  <!-- Bootstrap -->
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.
min.css"

integrity="sha384-JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+Vmm
DGMN5t9UJ0Z" crossorigin="anonymous">
  <!-- Icons -->
  <!-- <link href="css/materialdesignicons.min.css"
rel="stylesheet" type="text/css" /> -->
  <link rel="stylesheet"

href="https://cdnjs.cloudflare.com/ajax/libs/MaterialDesign-Webfont/5.9
.55/css/materialdesignicons.min.css"

integrity="sha512-vIgFb4o1CL8iMGoIF7cYiEVFrel13k/BkTGvs0hGfVn1bV6XjAA0M
0oEHdWqGdAVRTDID3vIZPOHmKdrMAUChA=="
crossorigin="anonymous" />
  <link
href="https://cdn.jsdelivr.net/npm/remixicon@2.5.0/fonts/remixicon.css"
rel="stylesheet">
  <link rel="stylesheet"
href="../../unicons.iconscout.com/release/v3.0.6/css/line.css">
  <!-- Css -->
```

```

        <!-- <link href="{{
url_for('static',filename='styles/style.min.css') }}" rel="stylesheet"
type="styles/css" > -->

        <link rel= "stylesheet" type= "text/css" href= "{{
url_for('static',filename='styles/style.min.css') }}">

        <!-- <link rel= "stylesheet" type= "text/css" href= "{{
url_for('static',filename='styles/bootstrap.min.css') }}"> -->

</head>

<body>

    <!-- Loader -->
    <div id="preloader">
        <div id="status">
            <div class="spinner">
                <div class="double-bounce1"></div>
                <div class="double-bounce2"></div>
            </div>
        </div>
    </div>

    <!-- Loader -->

    <!-- Navbar SStart -->
    <header id="topnav" class="defaultscroll sticky">
        <div class="container">
            <!-- Logo container-->
            <div>

                <a class="logo" href="index.html">
                    

                    

                    <!--  -->
                    <!--  -->
                </a>
            </div>

            <!-- End Logo container-->
            <ul class="dropdowns list-inline mb-0">
                <li class="list-inline-item mb-0">

```

```


Login
Sign-Up


```

```

                </a>
                <a class="dropdown-item
text-dark" href="doctor-dashboard.html"><span class="mb-0
d-inline-block me-1"><i class="uil uil-dashboard align-middle
h6"></i></span> Dashboard</a>

                <a class="dropdown-item
text-dark" href="doctor-profile-setting.html"><span class="mb-0
d-inline-block me-1"><i class="uil uil-setting align-middle
h6"></i></span> Profile Settings</a>

                <div class="dropdown-divider
border-top"></div>

                <a class="dropdown-item
text-dark" href="login.html"><span class="mb-0 d-inline-block me-1"><i
class="uil uil-sign-out-alt align-middle h6"></i></span> Logout</a>

            </div>
        </div>
    </li> -->
</ul>
<div class="menu-extras">
    <div class="menu-item">
<!-- Mobile menu toggle-->
        <a class="navbar-toggle" id="isToggle" onclick="toggleMenu()">
            <div class="lines">
                <span></span>
                <span></span>
                <span></span>
            </div>
        </a>
<!-- End mobile menu toggle-->
    </div>

    <div id="navigation">
<!-- Navigation Menu-->
        <ul class="navigation-menu nav-left nav-light">
            <li class="has-submenu
parent-menu-item">

                <a href="/">Home</a>

            </li>

            <!-- <li class="has-submenu
parent-parent-menu-item">

```



```

                <a href="./face_recognition
copy/templates/ocr.html">Aadhaar Verify</a>

            </li> -->

            <li class="has-submenu
parent-menu-item">
                <a
href="/prescription">Prescription OCR</a>

            </li>

            <li class="has-submenu
parent-menu-item">
                <a href="/chatbot">Chatbot</a>
            </li>

            <li class="has-submenu
parent-menu-item">
                <a
href="/hospital_details">Hospitals</a>
            </li>

            <!-- <li class="has-submenu
parent-parent-menu-item"><a href="javascript:void(0)">Services</a><span
class="menu-arrow"></span>

                <ul class="submenu">
                    <li><a href="/blog"
class="sub-menu-item"> Blog</a></li>

                    <li><a href="terms.html"
class="sub-menu-item">Terms & Policy</a></li>
                    <li><a href="privacy.html"
class="sub-menu-item">Privacy Policy</a></li>
                    <li><a href="error.html"
class="sub-menu-item">404 !</a></li>
                    <li><a href="contact.html"
class="sub-menu-item">Contact</a></li>
                </ul>
            </li> -->

```

```

                                <!-- <li><a
href="http://shreethemes.in/doctris/admin/index.html"
class="sub-menu-item" target="_blank">Admin</a></li> -->
        </ul>
        <!--end navigation menu-->
    </div>
    <!--end navigation-->
    </div>
    <!--end container-->
    </header>
    <!--end header-->
    <!-- Navbar End -->

    <!-- Start Hero -->
    <section class="bg-half-170 pb-0 d-table w-100"
style="background: url('images/bg/bg-lines-one.png') center center;">
        <div class="container">
            <div class="row mt-5 mt-sm-0 align-items-center">
                <div class="col-md-6">
                    <div class="heading-title">
                        <h4 class="heading mb-3">Best E-Healthcare
services</h4>
                        <!-- <p class="para-desc text-muted
mb-0">Great doctor if you need your family member to get immediate
assistance, emergency treatment or a simple consultation.</p> -->
                    </div>
                    <!-- <div class="subscribe-form mt-4">
                        <form class="ms-0" style="max-width:
550px;">
                            <div class="mb-2">
                                <input type="text" id="name"
name="name" class="border bg-white rounded-pill" required=""
placeholder="Doctor name...">
                                <button type="submit" class="btn
btn-pills btn-primary"><i class="ri-search-line align-middle me-1"></i>
Search</button>
                            </div>
                            <div class="row">
                                <div class="col-12">
                                    <p class="text-muted
mb-0"><b>Note:</b> Please search best doctors here,</p>
                                    </div> -->
                                <!--end col-->

```

```

        <!-- </div> -->
        <!--end row-->
        <!-- </form>
        </div> -->
    </div><!--end col-->

    <div class="col-md-6 mt-4 pt-2 mt-sm-0 pt-sm-0">
        
        <!--  -->
    </div>
    <!--end col-->
</div><!--end row-->
</div><!--end container-->
</section><!--end section-->
<!-- End Hero -->
<!-- Cta Start -->
<section class="section" background_image=url(..images/cta.jpg);>
    <div class="bg-overlay" style="opacity: 0.3;"></div>
    <div class="container">
        <div class="row">
            <div class="col-lg-5 offset-lg-7 col-md-7 offset-md-5">
                <div
                    class="features feature-bg-primary d-flex bg-white
p-4 rounded-md shadow position-relative overflow-hidden">
                    <i class="uil uil-briefcase icons h2 mb-0
text-primary"></i>
                    <div class="ms-3">
                        <h5 class="titles">Our Mission</h5>
                        <p class="text-muted para mb-0">To provide
e-healthcare services to one and all.</p>
                    </div>
                    <div class="big-icon">
                        <i class="uil uil-briefcase"></i>
                    </div>
                </div>

                <div
                    class="features feature-bg-primary d-flex bg-white
p-4 rounded-md shadow position-relative overflow-hidden mt-4">
                    <i class="uil uil-airplay icons h2 mb-0
text-primary"></i>

```

```

        <div class="ms-3">
            <h5 class="titles">Our Vision</h5>
            <p class="text-muted para mb-0">To develop
robust healthcare system for everybody</p>
        </div>
        <div class="big-icon">
            <i class="uil uil-airplay"></i>
        </div>
    </div>

    <div
        class="features feature-bg-primary d-flex bg-white
p-4 rounded-md shadow position-relative overflow-hidden mt-4">
        <i class="uil uil-flip-v icons h2 mb-0
text-primary"></i>
        <div class="ms-3">
            <h5 class="titles">Who We Are ?</h5>
            <p class="text-muted para mb-0">We provide
healthcare services to common people.</p>
        </div>
        <div class="big-icon">
            <i class="uil uil-flip-v"></i>
        </div>
    </div>
</div>
<!--end col-->
</div>
<!--end row-->
</div>
<!--end container-->
</section>
<!--end section-->
<!-- Cta End -->

<!-- Start -->
<!-- <section class="section">

    <div class="container mt-100 mt-60">
        <div class="row justify-content-center">
            <div class="col-12">
                <div class="section-title mb-4 pb-2 text-center">
                    <span class="badge badge-pill
badge-soft-primary mb-3">Departments</span>

```

```

                <h4 class="title mb-4">Our Medical
Services</h4>

                <p class="text-muted mx-auto para-desc
mb-0">Great doctor if you need your family member to get
                effective immediate assistance, emergency
treatment or a simple consultation.</p>
            </div>
        </div>

    </div>

    <div class="row">
        <div class="col-xl-3 col-md-4 col-12 mt-5">
            <div class="card features feature-primary
border-0">

                <div class="icon text-center rounded-md">
                    <i class="ri-eye-fill h3 mb-0"></i>
                </div>
                <div class="card-body p-0 mt-3">
                    <a href="departments.html" class="title
text-dark h5">Eye Care</a>
                    <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                    fill a space.</p>
                    <a href="departments.html"
class="link">Read More <i
                    class="ri-arrow-right-line
align-middle"></i></a>
                </div>
            </div>
        </div>

        <div class="col-xl-3 col-md-4 col-12 mt-5">
            <div class="card features feature-primary
border-0">

                <div class="icon text-center rounded-md">
                    <i class="ri-psychotherapy-fill h3
mb-0"></i>
                </div>
                <div class="card-body p-0 mt-3">

```

```

                <a href="departments.html" class="title
text-dark h5">Psychotherapy</a>
                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                    fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                    class="ri-arrow-right-line
align-middle"></i></a>
            </div>
        </div>
    </div>

    <div class="col-xl-3 col-md-4 col-12 mt-5">
        <div class="card features feature-primary
border-0">
            <div class="icon text-center rounded-md">
                <i class="ri-stethoscope-fill h3 mb-0"></i>
            </div>
            <div class="card-body p-0 mt-3">
                <a href="departments.html" class="title
text-dark h5">Primary Care</a>
                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                    fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                    class="ri-arrow-right-line
align-middle"></i></a>
            </div>
        </div>
    </div>

    <div class="col-xl-3 col-md-4 col-12 mt-5">
        <div class="card features feature-primary
border-0">
            <div class="icon text-center rounded-md">
                <i class="ri-capsule-fill h3 mb-0"></i>
            </div>
            <div class="card-body p-0 mt-3">
                <a href="departments.html" class="title
text-dark h5">Dental Care</a>

```

```

                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                                class="ri-arrow-right-line
align-middle"></i></a>
            </div>
        </div>
    </div>

    <div class="col-xl-3 col-md-4 col-12 mt-5">
        <div class="card features feature-primary
border-0">
            <div class="icon text-center rounded-md">
                <i class="ri-microscope-fill h3 mb-0"></i>
            </div>
            <div class="card-body p-0 mt-3">
                <a href="departments.html" class="title
text-dark h5">Orthopedic</a>
                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                                class="ri-arrow-right-line
align-middle"></i></a>
            </div>
        </div>
    </div>

    <div class="col-xl-3 col-md-4 col-12 mt-5">
        <div class="card features feature-primary
border-0">
            <div class="icon text-center rounded-md">
                <i class="ri-pulse-fill h3 mb-0"></i>
            </div>
            <div class="card-body p-0 mt-3">
                <a href="departments.html" class="title
text-dark h5">Cardiology</a>

```

```
                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                class="ri-arrow-right-line
align-middle"></i></a>
            </div>
        </div>
    </div>

    <div class="col-xl-3 col-md-4 col-12 mt-5">
        <div class="card features feature-primary
border-0">
            <div class="icon text-center rounded-md">
                <i class="ri-empathize-fill h3 mb-0"></i>
            </div>
            <div class="card-body p-0 mt-3">
                <a href="departments.html" class="title
text-dark h5">Gynecology</a>
                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                class="ri-arrow-right-line
align-middle"></i></a>
            </div>
        </div>
    </div>

    <div class="col-xl-3 col-md-4 col-12 mt-5">
        <div class="card features feature-primary
border-0">
            <div class="icon text-center rounded-md">
                <i class="ri-mind-map h3 mb-0"></i>
            </div>
            <div class="card-body p-0 mt-3">
                <a href="departments.html" class="title
text-dark h5">Neurology</a>
```



```

                <p class="text-muted mt-3">There is now an
abundance of readable dummy texts required purely to
                fill a space.</p>
                <a href="departments.html"
class="link">Read More <i
                                class="ri-arrow-right-line
align-middle"></i></a>
                </div>
            </div>
        </div>

    </div>

</section> -->
<!--end section-->


<!-- Start -->
<section class="section">

    <div class="container mt-100 mt-60">
        <!-- <div class="row align-items-center">
            <div class="col-md-6 col-12">
                <div class="me-lg-5">
                    
                    </div> -->
                <!-- </div> end col -->

            <!-- <div class="col-md-6 col-12 mt-4 mt-sm-0 pt-2
pt-sm-0">

                <div class="accordion" id="accordionExample">
                    <div class="accordion-item border rounded">
                        <h2 class="accordion-header"
id="headingOne">

                            <button class="accordion-button
border-0 bg-light" type="button" data-bs-toggle="collapse"
data-bs-target="#collapseOne"

```

```

        aria-expanded="true"
aria-controls="collapseOne">
        How does it work ?
    </button>
</h2>
    <div id="collapseOne"
class="accordion-collapse border-0 collapse show"
aria-labelledby="headingOne"
        data-bs-parent="#accordionExample">
    <div class="accordion-body
text-muted">
        There are many variations of
passages of Lorem Ipsum available, but the majority have suffered
alteration in some form.
    </div>
</div>
</div>

    <div class="accordion-item border rounded
mt-2">
        <h2 class="accordion-header"
id="headingTwo">
            <button class="accordion-button
border-0 bg-light collapsed" type="button" data-bs-toggle="collapse"
data-bs-target="#collapseTwo"
                aria-expanded="false"
aria-controls="collapseTwo">
                Do I need a designer to use
Doctris ?
            </button>
        </h2>
        <div id="collapseTwo"
class="accordion-collapse border-0 collapse"
aria-labelledby="headingTwo"
            data-bs-parent="#accordionExample">
        <div class="accordion-body
text-muted">
            There are many variations of
passages of Lorem Ipsum available, but the majority have suffered
alteration in some form.
        </div>
    </div>
</div>

```

```

<div class="accordion-item border rounded
mt-2">

    <h2 class="accordion-header"
id="headingThree">

        <button class="accordion-button
border-0 bg-light collapsed" type="button" data-bs-toggle="collapse"
            data-bs-target="#collapseThree"
aria-expanded="false" aria-controls="collapseThree">
            What do I need to do to start
selling ?

        </button>
    </h2>
    <div id="collapseThree"
class="accordion-collapse border-0 collapse"
aria-labelledby="headingThree"
            data-bs-parent="#accordionExample">
        <div class="accordion-body
text-muted">

            There are many variations of
passages of Lorem Ipsum available, but the majority have suffered
alteration in some form.

        </div>
    </div>
</div>

<div class="accordion-item border rounded
mt-2">

    <h2 class="accordion-header"
id="headingFour">

        <button class="accordion-button
border-0 bg-light collapsed" type="button" data-bs-toggle="collapse"
            data-bs-target="#collapseFour"
aria-expanded="false" aria-controls="collapseFour">
            What happens when I receive an
order ?

        </button>
    </h2>
    <div id="collapseFour"
class="accordion-collapse border-0 collapse"
aria-labelledby="headingFour"
            data-bs-parent="#accordionExample">

```

```

<div class="accordion-body
text-muted">
        There are many variations of
passages of Lorem Ipsum available, but the majority have suffered
alteration in some form.
    </div>
</div>
</div>
</div> -->
<!--</div><!--end col-->
<!-- </div><!--end row-->

<div class="row mt-4 pt-2 justify-content-center">
    <div class="col-12 text-center">
        <div class="section-title">
            <h4 class="title mb-4">Have Question ? Get
in touch!</h4>
            <p class="text-muted para-desc
mx-auto"></p>
            <a href="javascript:void(0)" class="btn
btn-primary mt-4"><i class="mdi mdi-phone"></i> Contact us</a>
        </div>
    </div><!--end col-->
</div><!--end row-->
</div><!--end container-->
</section><!--end section-->
<!-- End -->

<!-- Start -->
<footer class="bg-footer">
    <div class="container">
        <div class="row">
            <div class="col-xl-5 col-lg-4 mb-0 mb-md-4 pb-0
pb-md-2">
                <a href="#" class="logo-footer">
                    
                    <!--  -->
                </a>
                <p class="mt-4 me-xl-5">We provide centralised
healthcare system for common people.</p>
            </div><!--end col-->

```

```

        <div class="col-xl-7 col-lg-8 col-md-12">
            <div class="row">
                <div class="col-md-4 col-12 mt-4 mt-sm-0
pt-2 pt-sm-0">
                    <!--<h5 class="text-light
footer-head">Company</h5>
                    <ul class="list-unstyled footer-list
mt-4">
                        <li><a href="aboutus.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i> About
us</a></li>
                        <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Services</a></li>
                        <li><a href="doctor-team-two.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Team</a></li>
                        <li><a href="blog-detail.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Project</a></li>
                        <li><a href="blogs.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Blog</a></li>
                        <li><a href="login.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Login</a></li>
                    </ul> -->
                </div><!--end col-->

                <div class="col-md-4 col-12 mt-4 mt-sm-0
pt-2 pt-sm-0">
                    <!-- <h5 class="text-light
footer-head">Departments</h5>
                    <ul class="list-unstyled footer-list
mt-4">
                        <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i> Eye
Care</a></li>
                        <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Psychotherapy</a></li>

```

```

                <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i> Dental
Care</a></li>

                <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Orthopedic</a></li>

                <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Cardiology</a></li>

                <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Gynecology</a></li>

                <li><a href="departments.html"
class="text-foot"><i class="mdi mdi-chevron-right me-1"></i>
Neurology</a></li>

            </ul>-->
        </div><!--end col-->

        <div class="col-md-4 col-12 mt-4 mt-sm-0
pt-2 pt-sm-0">

            <h5 class="text-light
footer-head">Contact us</h5>

            <ul class="list-unstyled footer-list
mt-4">

                <li class="d-flex
align-items-center">

                    <i data-feather="mail"
class="fea icon-sm text-foot align-middle"></i>

                    <a
href="mailto:contact@example.com" class="text-foot
ms-2">contact@example.com</a>

                </li>

                <li class="d-flex
align-items-center">

                    <i data-feather="phone"
class="fea icon-sm text-foot align-middle"></i>

                    <a href="tel:+152534-468-854"
class="text-foot ms-2">+152 534-468-854</a>

                </li>

                <li class="d-flex
align-items-center">
```

```

                <i data-feather="map-pin"
class="fea icon-sm text-foot align-middle"></i>
                <a
href="https://www.google.com/maps/embed?pb=!1m18!1m12!1m3!1d39206.00243
2144705!2d-95.4973981212445!3d29.709510002925988!2m3!1f0!2f0!3f0!3m2!1i
1024!2i768!4f13.1!3m3!1m2!1s0x8640c16de81f3ca5%3A0xf43e0b60ae539ac9!2sG
erald+D.+Hines+Waterwall+Park!5e0!3m2!1sen!2sin!4v1566305861440!5m2!1se
n!2sin" class="video-play-icon text-foot ms-2">View on Google map</a>
            </li>
        </ul>

        <!-- <ul class="list-unstyled
social-icon footer-social mb-0 mt-4">
            <li class="list-inline-item"><a
href="#" class="rounded-pill"><i data-feather="facebook" class="fea
icon-sm fea-social"></i></a></li>
            <li class="list-inline-item"><a
href="#" class="rounded-pill"><i data-feather="instagram" class="fea
icon-sm fea-social"></i></a></li>
            <li class="list-inline-item"><a
href="#" class="rounded-pill"><i data-feather="twitter" class="fea
icon-sm fea-social"></i></a></li>
            <li class="list-inline-item"><a
href="#" class="rounded-pill"><i data-feather="linkedin" class="fea
icon-sm fea-social"></i></a></li>
        </ul> -->
        <!--end icon-->
    </div><!--end col-->
</div><!--end row-->
</div><!--end col-->
</div><!--end row-->
</div><!--end container-->

</footer><!--end footer-->
<!-- End -->

<!-- Back to top -->
<a href="#" onclick="topFunction()" id="back-to-top" class="btn
btn-icon btn-pills btn-primary back-to-top"><i data-feather="arrow-up"
class="icons"></i></a>
<!-- Back to top -->

```

```

    <!-- MOdal Start -->
    <div class="modal fade" id="watchvideomodal" tabindex="-1"
aria-hidden="true">
        <div class="modal-dialog modal-dialog-centered modal-lg">
            <div class="modal-content video-modal rounded
overflow-hidden">
                <video class="w-100" controls autoplay muted loop>
                    <source
src="https://www.w3schools.com/html/mov_bbb.mp4" type="video/mp4">>
                    <!--Browser does not support <video> tag -->
                </video>
            </div>
        </div>
    </div>
    <!-- MOdal End -->

    <!-- javascript -->
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.6.0/jquery.min.js"
integrity="sha512-894YE6QWD5I59HgZOGReFYm4dnWc1Qt5NtvYSaNcOP+u1T9qYdvdI
hz0PPSiqn/+3e7Jo4EaG7TubfWGUrMQ=="
        crossorigin="anonymous"></script>
    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.bu
ndle.min.js"
integrity="sha384-LtrjvnR4Twt/qOuYxE721u19sVFLVSA4hf/rRt6PrZTmiPltdZcI7
q7PXQBYTKyf"
        crossorigin="anonymous"></script>

    <!-- Icons -->
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/feather-icons/4.28.0/feathe
r.min.js"
integrity="sha512-7x3zila4t2qNycrtZ31HO0NnJr8kg2VI67YLoRSyi9hGhRN66FHYW
r7Axa9Y1J9tGYHVBPqIjSElogHrJTz51g=="
        crossorigin="anonymous"></script>
    <!-- Main Js -->
    <script src="{ url_for('static',filename='js/app.js') }">
</script>
    <!-- <script src="js/app.js"></script> -->

```



```
</body>
```

```
</html>
```