

# REPORT

## Objectives Of Project

The Following Code will is based on the Vaccination Drive . The user can get all the important information needed regarding vaccination.

## Information regarding all the Functions

1. main: This Function is the main executive function of the code . All other function calls will come under this functions. The main need of this function is due to profiling.
2. Get\_OTP: This function will sent a OTP on the number provided by the user((imaginary)).
3. Verify\_OTP: This Function will check whether the OTP entered by the user is correct or not.
4. ask\_vaccination: This function will ask the use whether he/she wants to apply for vaccination. If user wants then the following function will ask for user details.
5. Apply\_Vaccination: This function will ask for the general details of the user that will be needed for verification.
6. vaccine\_name: This function will ask user for the vaccine he/she wants covishield or covaccine.
7. Schedule\_Appointment: This Function will ask for aadhar number and get the present date and find the first dose date using datetime library function.
8. Set\_Vaccination\_Venue: This will will ask for user current location and then will generate the most nearest location for his preference.
9. first\_dose\_message: This function will generate a message containing all the necessary details of appointment.
10. guidelines\_for\_vaccination: This function will show the guidelines to the user regarding vaccination.
11. schedule\_second\_dose: This function will generate the date for second dose by datetime library.

12. `Verification_for_second_dose`: This function will verify that the correct user is trying to accessing the details or not.

13. `second_dose_status`: This function will show the user total days left for second dose vaccination.

14. `second_dose_message`: This function will generate a message containing all the necessary details of appointment.

15. `first_dose_certificate`: This function will generate a certificate for 1st dose.

16. `second_dose_certificate`: This function will generate a certificate for 2nd dose.

## CODE

```
# CODE FOR VACCINE REGISTRATION AND CERTIFICATE
# import date time library to get current time and date
import pdb
from datetime import datetime, timedelta
# this library is used to get current location
from geopy.geocoders import Nominatim
# this library is used to get random number
import random
# this library is used for profiling
import cProfile
loc = Nominatim(user_agent="GetLoc")
def main():
    global First_Name , Last_Name , location_for_appointment , Aadhar_no
    global first_dose_date ,dob,age,vaccine
    Application_id=random.randint(1000,100000)
    print("Hey!_Welcome_To_The_Vaccination_Drive...\n")
    print("Enter_Your_Phone_Number_To_Login_or_Sign_up")
    # getting phone number input from user

    phone_no = int(input())

    # this will generate a random OTP
    OTP_generate=random.randint(1000,100000)
    print("Your_OTP_for_Login_in_vaccination_is_", OTP_generate)
    '''
    This function is used to verify OTP entered by the user
    '''
    def Verify_OTP( otp):
        if(otp==OTP_generate):
            print("OTP_verified!!_Let's_Continue_")
        else:
            print("INCORRECT_OTP,_Please_click_on_Resend_OTP_To_Try_Again")
            Get_OTP()

    '''
    This function is used to take input for OTP from user
    '''
    def Get_OTP():
        print('''' OTP Sent on The Given Phone Number
        Verify To Continue ''')
        global otp
        otp = int(input("Enter_the_OTP\n"))
        # calling the function to verify OTP
        Verify_OTP(otp)
        # calling the function to get OTP
        Get_OTP()
```

```
'''
Below function will generate your second dose certificate
'''
def second_dose_certificate(second_dose_date):
    print("\n")
    print(''''          Certificate Of Covid - 19 Vaccination
''')
    print(''''          Second Dose
''')
    print("\n")
    print("APPLICATION_ID: ", Application_id)
    print("\n")
    print("NAME: " + First_Name + " " + Last_Name)
    print("\n")
    print("Gender: " + gender)
    print("\n")
    print("ID_VERIFIED: ", Aadhar_no)
    print("\n")
    print("DATE_OF_BIRTH: " + dob)
    print("\n")
    print("AGE: ", age)
    print("\n")
    print("Vaccination_Status: Fully Vaccinated (1st Dose)")
    print("\n")
    print("Vaccination_Details:")
    print("Vaccine_Name: " + vaccine)
    print("\n")
    print("Vaccine_Type: Covid-19 vaccine, non-replacing viral vector")
    print("\n")
    print("Dose_Number: 2")
    print("\n")
    print("Date_Of_First_Dose: ", first_dose_date.strftime('%d-%m-%Y'))
    print("\n")
    print("Date_of_Second_Dose: ", second_dose_date.strftime('%d-%m-%Y'))
    print("\n")
    print("Vaccination_At: " + str(location_for_appointment))

'''
Below function will count the number of days left for your second dose
'''
def second_dose_status():
    global days_left
    days_left = second_dose_date - presentday
    # finding days left by subtracting second dose day with
    # present day using date time library function
    print("Total_Days_left_for_Your_Second_Dose_are", days_left)

'''
Below Function will take application id input from user
if the entered id is correct then only user can do further process
```

```

'''
def Verification_for_second_dose():
    print("Enter the Application id provided during 1st dose")
    apply=int(input())
    # this condition is used to check entered number with application id
    if(apply==Application_id):
        print("You Can Apply On or After: \n",second_dose_date.strftime('%d
            # calling second dose status function
            second_dose_status()

    else:
        print(" Incorrect ID\n")

'''
Below function will schedule the second dose date
'''
def schedule_second_dose(vaccine , first_dose_date):
    global second_dose_date
    # if covishield vaccine is entered by user than second dose will be after 90 days
    if(vaccine=="Covishield"):
        # time delta will show the date after 90 days from present day
        second_dose_date= first_dose_date +timedelta(90)
    # if covaccine vaccine is entered by user than second dose will be after 28 days
    elif(vaccine=="Covaccine"):
        # time delta will show the date after 28 days from present day
        second_dose_date= first_dose_date +timedelta(28)

'''
Below function is used to get first dose certificate of the user
'''
def first_dose_certificate(second_dose_date , location_for_appointment):
    # taking application id from user for verification
    print("Enter application ID\n")
    h1=int(input())
    if(h1==Application_id):
        print("\n")
        print('''
            Certificate Of Covid - 19 Vaccination

            First Dose

            print("\n")
            print("APPLICATION_ID: ", Application_id)
            print("\n")
            print("NAME: "+ First_Name +" "+ Last_Name)
            print("\n")
            print("Gender: "+ gender)
            print("\n")
            print("ID_VERIFIED: ", Aadhar_no)
            print("\n")

```

```
        print("DATE_OF_BIRTH: "+ dob)
        print("\n")
        print("AGE: ", age)
        print("\n")
        print("Vaccination_Status: "+ Half_Vaccinated + "(1st Dose)")
        print("\n")
        print("Vaccination_Details:")
        print("Vaccine_Name: "+ vaccine)
        print("\n")
        print("Vaccine_Type: "+ Covid_19_vaccine + ", non-replacing_viral_vector")
        print("\n")
        print("Dose_Number: 1")
        print("\n")
        print("Dose_Date: ", first_dose_date.strftime('%d-%m-%Y'))
        print("\n")
        print("Apply_For_Second_Dose_After_2nd_Dose_Date: ", second_dose_date)
        print("\n")
        print("Vaccination_At: "+ str(location_for_appointment))
    else:
        print("Incorrect_ID, Try_Again..")
        first_dose_certificate(second_dose_date)

'''
Below function will show the guidelines for vaccination for user
'''

def guidelines_for_vaccination():
    print(''''                                GUIDELINES FOR VACCINATION
''')
    print(''''Make sure you have:

    1. A Mask that covers your nose and mouth and fits tightly and comfortably.
    2. Hand Sanitizer.
    3. The Notification you received about your appointment.
    4. Your ID ''')
    ,,,

Below function will generate a message confirming the appointment
of user for second dose with date , time and location
'''

def second_dose_message(location_for_appointment , First_Name , Last_Name , dob , a
    print("\n")
    print('''' YOUR 2nd DOSE APPOINTMENT IS BOOKED \n ''')
    print("Below_are_the_Following_Details\n")
    print("APPLICATION_ID: ", Application_id)
    print("\n")
    print("NAME: "+ First_Name + " "+ Last_Name)
    print("\n")
```

```
        print("Gender:_" + gender)
        print("\n")
        print("AADHAR_NUMBER:_" , Aadhar_no)
        print("\n")
        print("DATE_OF_BIRTH:_" + dob)
        print("\n")
        print("AGE:_" , age)
        print("\n")
        print("VACCINATION_VENUE:_" + str(location_for_appointment))
        print("\n")
        print("Time: _11AM_-_3PM")
        print("\n")
        print("Second_Dose_Date:_" , second_dose_date.strftime('%d-%m-%Y'))
        print("\n")
        print("Vaccine_Name:_" + vaccine)
        print("\n")
        # Calling Guidlines for vaccination function
        guidelines_for_vaccination()

'''
Below function will generate a message confirming the appointment
of user for first dose with date , time and location
'''

def first_dose_message(location_for_appointment , First_Name , Last_Name , dob , age):
    print("\n")
    print('''' YOUR 1st DOSE APPOINTMENT IS BOOKED \n''')
    print("Below_are_the_Following_Details\n")
    print("APPLICATION_ID:_" , Application_id)
    print("\n")
    print("NAME:_" + First_Name + "_" + Last_Name)
    print("\n")
    print("Gender:_" + gender)
    print("\n")
    print("AADHAR_NUMBER:_" , Aadhar_no)
    print("\n")
    print("DATE_OF_BIRTH:_" + dob)
    print("\n")
    print("AGE:_" , age)
    print("\n")
    print("VACCINATION_VENUE:_" + str(location_for_appointment))
    print("\n")
    print("Time: _11AM_-_3PM")
    print("\n")
    print("First_Dose_Date:_" , first_dose_date.strftime('%d-%m-%Y'))
    print("\n")
    print("Vaccine_Name:_" + vaccine)
    print("\n")
    # Calling Guidlines for vaccination function
    guidelines_for_vaccination()
```

```
        # calling schedule second dose function
        schedule_second_dose(vaccine , first_dose_date)

    '''
    Below function will generate a new location from user's existing location
    '''
    def Set_Vaccination_Venue():
        global location_for_appointment
        print("Enter Your Location\n")
        # Taking current location as user input
        your_location=input()
        print("Your Appointment Request is Being Processed...Please Wait..")
        getloc = loc.geocode(your_location)
        # generating some random loactions according to user preference
        getloc1 = loc.geocode("Vijay_nagar_indore")
        getloc2 = loc.geocode("abhay_prashal_indore")
        getloc3 = loc.geocode("rajwada_indore")
        getloc4 = loc.geocode("Geeta_bhawan_indore")
        getloc5 = loc.geocode("Regal_square_indore")

        locations=[getloc1 , getloc2 , getloc3 , getloc4 , getloc5]
        rand_idx = random.randrange(len(locations))
        random_num = locations[rand_idx]
        location_for_appointment=(random_num)
    # calling first dose message function
        first_dose_message(location_for_appointment , First_Name , Last_Name , dob , age)

    '''
    Below function will schedule appointment for first dose
    '''
    def Schedule_Appointment():
        global Aadhar_no , first_dose_date , presentday
        # asking for user aadhar number
        print("Enter Your Aadhar Number:\n")
        Aadhar_no=int(input())
        presentday = datetime.now()
        # Fetching present day date and time
        ## Setting first dose date after 3 days from present day by date time
        first_dose_date=presentday + timedelta(3)
        # calling set vaccination venue function

        Set_Vaccination_Venue()

    '''
    Below Function will ask for vaccine name that user wants
    '''
    def get_vaccine_name():
        global vaccine
        print("Enter The Vaccine You Want: Covishield or Covaccine:\n")
        vaccine=input()
```



```
        # calling schedule appointment function after that
        Schedule_Appointment()

'''
Below function will ask for general details for appointment
'''

def Apply_Vaccination():
    global First_Name ,Last_Name,dob,age ,Application_id ,gender

    # this will generate random id using random library function
    print("Enter_your_First_Name\n")
    # Asking for user name
    First_Name=input()
    print("Enter_your_Last_Name\n")
    Last_Name=input()
    # asking for gender
    print("Your_Gender\n")
    gender=input()
    print("Enter_Your_Date_Of_Birth\n")
    # asking date of birth
    dob=input()

    print("Enter_your_Age\n")
    # Asking age input
    age=int(input())
    # Calling get vaccine name function
    get_vaccine_name()

'''
Below function will ask user whether he/she wants to apply for vaccination
'''

def ask_vaccination():
    global Application_id
    print("DO_you_want_to_Apply_For_1st_Dose_Vaccination_[Yes/No]")
    s = input()

    if(s=="yes"):
        # calling Apply Vaccination function

        Apply_Vaccination()
    else:
        print("Do_you_want_to_apply_for_second_dose_[Yes/No]\n")
        s2=input()
        if(s2=="yes"):
            # asking for application ID
            print("Enter_First_Dose_Application_Id\n")
```

```
s1=int(input())
if(s1==Application_id):
    Apply_Vaccination()
else:
    print("You have not applied for 1st dose, First apply for")
    ask_vaccination()
else:
    print("Stay Healthy, Stay Safe ... \n")
    exit()

ask_vaccination()
# calling ask vaccination function
print("\n")
print("Your 1st Dose Vaccination is Done!!!!\n")
global second_dose_date
print("You can apply for Second Dose after ", second_dose_date.strftime('%d-'))
print("For 1st Dose Certificate click [y/n]\n")
# asking user whether he wants 2st dose certificate
pdb.set_trace()
inp=input()
if(inp=="y"):
    first_dose_certificate(second_dose_date, location_for_appointment)
    # calling first dose certificate

print("Do You Want To Check Second Dose Staus:")
second_inp=input()
if(second_inp=="y"):
    Verification_for_second_dose()

print("Do you want to apply for Second dose [y/n]\n")
# asking whether want to apply for second dose
s3=input()
if(s3=="y"):
    second_dose_message(location_for_appointment, First_Name, Last_Name, dob, a)
else:
    print("Stay safe ...")
    exit()

print("To Download certifacte of your Second Dose click [y/n]\n")
# asking user whether he wants 2st dose certificate
in2=input()
if(in2=="y") :
    second_dose_certificate(second_dose_date)
cProfile.run('main()')
```

## OUTPUT

```
PS C:\Users\HP> python -u "c:\Users\HP\Desktop\final11.py"
Hey! Welcome To The Vaccination Drive...

Enter Your Phone Number To Login or Sign up
9131618018
Your OTP for Login in vaccination is 7041
  OTP Sent on The Given Phone Number
    Verify To Continue
Enter the OTP
7041
OTP verified!! Let's Continue
DO you want to Apply For 1st Dose Vaccination [Yes/No]
yes
Enter your First Name

Prashant
Enter your Last Name

Tripathi
Your Gender

M
Enter Your Date Of Birth

15 Apr 2003
Enter your Age

19
Enter The Vaccine You Want: Covishield or Covaccine:

Covaccine
Enter Your Aadhar Number:

902046447402
Enter Your Location

sgsits
Your Appointement Request is Being Processed . Please Wait..
```

```
YOUR 1st DOSE APPOINTMENT IS BOOKED

Below are the Following Detalis

APPLICATION ID: 43629

NAME: Prashant Tripathi

Gender: M

AADHAR NUMBER: 902046447402

DATE OF BIRTH: 15 Apr 2003

AGE: 19

VACCINATION VENUE: Rajwada Palace, Sarafa Street, Martand Chowk, Indore, Indore District, Madhya Pradesh, 452001, India

Time: 11AM - 3PM

First Dose Date: 18-11-2022

Vaccine Name: Covaccine
```

```

                                GUIDELINES FOR VACCINATION
Make sure you have:
    1. A Mask that covers your nose and mouth and fits tightly and comfortably.
    2. Hand Sanitizer.
    3. The Notification you received about your appointment.
    4. Your ID

Your 1st Dose Vaccination is Done!!!

You can apply for Second Dose after 16-12-2022
For 1st Dose Certificate click [ y or n]

y
Enter application ID
43629

                                Certificate Of Covid - 19 Vaccination
                                First Dose

APPLICATION ID: 43629

NAME: Prashant Tripathi

Gender: M

ID VERIFIED: 902046447402

DATE OF BIRTH: 15 Apr 2003

```

```

AGE: 19

Vaccination Status : Half Vaccinated (1st Dose)

Vaccination Details:
Vaccine Name: Covaccine

Vaccine Type: Covid 19 vaccine, non- replacing viral vector

Dose Number: 1

Dose Date: 18-11-2022

Apply For Second Dose After 2nd Dose Date: 16-12-2022

Vaccination At : Rajwada Palace, Sarafa Street, Martand Chowk, Indore, Indore District, Madhya Pradesh, 452001, India
Do You Want To Check Second Dose Staus:
y
Enter the Application id provided during 1st dose
43629
You Can Apply On or After:
16-12-2022
Total Days left for Your Second Dose are 31 days, 0:00:00
Do you want to apply for Second dose [y/n]
y

```

Prashant Tripathi  
0801CS211068

---

YOUR 2nd DOSE APPOINTMENT IS BOOKED

Below are the Following Details

APPLICATION ID: 43629

NAME: Prashant Tripathi

Gender: M

AADHAR NUMBER: 902046447402

DATE OF BIRTH: 15 Apr 2003

AGE: 19

VACCINATION VENUE: Rajwada Palace, Sarafa Street, Martand Chowk, Indore, Indore District, Madhya Pradesh, 452001, India

Time: 11AM - 3PM

Second Dose Date: 16-12-2022

Vaccine Name: Covaccine

#### GUIDELINES FOR VACCINATION

Make sure you have:

1. A Mask that covers your nose and mouth and fits tightly and comfortably.
2. Hand Sanitizer.
3. The Notification you received about your appointment.
4. Your ID

To Download certificate of your Second Dose click [y /n]

y

Prashant Tripathi  
0801CS211068

---

Certificate Of Covid - 19 Vaccination  
Second Dose

APPLICATION ID: 43629

NAME: Prashant Tripathi

Gender: M

ID VERIFIED: 902046447402

DATE OF BIRTH: 15 Apr 2003

AGE: 19

Vaccination Status : Fully Vaccinated (1st Dose)

Vaccination Details:  
Vaccine Name: Covaccine

Vaccine Type: Covid 19 vaccine, non- replacing viral vector

Dose Number: 2

Date Of First Dose: 18-11-2022

Date of Second Dose: 16-12-2022

Date of Second Dose: 16-12-2022

Vaccination At : Rajwada Palace, Sarafa Street, Martand Chowk, Indore, Indore District, Madhya Pradesh, 452001, India

## PROFILING

7488 function calls (7380 primitive calls) in 67.190 seconds					
Ordered by: standard name					
ncalls	tottime	percall	cumtime	percall	filename:lineno(function)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:100(acquire)
3/1	0.000	0.000	0.004	0.004	<frozen importlib._bootstrap>:1022(find_and_load)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:125(release)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:165(__init__)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:169(__enter__)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:173(__exit__)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:179(get_module_lock)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:198(cb)
4/1	0.000	0.000	0.003	0.003	<frozen importlib._bootstrap>:233(call_with_frames_removed)
32	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:244(verbose_message)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:357(__init__)
5	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:391(cached)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:404(parent)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:412(has_location)
2	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:48(new_module)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:492(init_module_attrs)
3	0.000	0.000	0.001	0.000	<frozen importlib._bootstrap>:564(module_from_spec)
3/1	0.000	0.000	0.004	0.004	<frozen importlib._bootstrap>:664(load_unlocked)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:71(__init__)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:746(find_spec)
3	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:826(find_spec)
12	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:893(__enter__)
12	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap>:897(__exit__)
3	0.000	0.000	0.001	0.000	<frozen importlib._bootstrap>:921(find_spec)
3/1	0.000	0.000	0.004	0.004	<frozen importlib._bootstrap>:987(find_and_load_unlocked)
2	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1040(__init__)
2	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1065(get_filename)
2	0.000	0.000	0.001	0.001	<frozen importlib._bootstrap_external>:1070(get_data)
2	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1089(path_stats)
1	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1163(__init__)
1	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1174(create_module)
1	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1182(exec_module)
27	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:119(<listcomp>)
4	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:132(path_split)
12	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:134(<genexpr>)
8	0.000	0.000	0.000	0.000	<frozen importlib._bootstrap_external>:1356(path_importer_cache)
3	0.000	0.000	0.001	0.000	<frozen importlib._bootstrap_external>:1399(get_spec)
11	0.000	0.000	0.001	0.000	<frozen importlib._bootstrap_external>:140(path_stat)
3	0.000	0.000	0.001	0.000	<frozen importlib._bootstrap_external>:1431(find_spec)



```

11 0.000 0.000 0.001 0.000 <frozen importlib._bootstrap_external>:140(_path_stat)
3 0.000 0.000 0.001 0.000 <frozen importlib._bootstrap_external>:1431(find_spec)
3 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:150(_path_is_mode_type)
3 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:1531(_get_spec)
6 0.000 0.000 0.001 0.000 <frozen importlib._bootstrap_external>:1536(find_spec)
3 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:159(_path_isfile)
3 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:172(_path_isabs)
4 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:380(cache_from_source)
3 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:510(_get_cached)
2 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:542(_check_name_wrapper)
2 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:585(_classify_pyc)
2 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:618(_validate_timestamp_pyc)
6 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:67(_relax_case)
2 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:670(_compile_bytecode)
3 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:721(spec_from_file_location)
6 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:84(_unpack_uint32)
2 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:874(create_module)
2/1 0.000 0.000 0.004 0.004 <frozen importlib._bootstrap_external>:877(exec_module)
2 0.000 0.000 0.002 0.001 <frozen importlib._bootstrap_external>:950(get_code)
27 0.000 0.000 0.000 0.000 <frozen importlib._bootstrap_external>:96(_path_join)
6 0.000 0.000 0.000 0.000 <string>:1(<lambda>)
1 0.000 0.000 67.190 67.190 <string>:1(<module>)
1 0.000 0.000 0.000 0.000 __init__.py:1307(disable)
6 0.000 0.000 0.000 0.000 __init__.py:1455(debug)
1 0.000 0.000 0.000 0.000 __init__.py:1710(getEffectiveLevel)
6 0.000 0.000 0.000 0.000 __init__.py:1724(isEnabledFor)
1 0.000 0.000 0.000 0.000 __init__.py:219(_acquireLock)
1 0.000 0.000 0.000 0.000 __init__.py:228(_releaseLock)
6 0.000 0.000 0.000 0.000 __init__.py:299(loads)
1 0.000 0.000 0.000 0.000 __init__.py:43(normalize_encoding)
1 0.000 0.000 0.004 0.004 __init__.py:71(search_function)
3 0.000 0.000 0.000 0.000 __init__.py:89(find_spec)
2 0.000 0.000 0.000 0.000 __init__.py:96(<lambda>)
8 0.000 0.000 0.000 0.000 collections.abc.py:315(_subclasshook_)
24 0.000 0.000 0.000 0.000 collections.abc.py:409(_subclasshook_)
6 0.000 0.000 0.000 0.000 collections.abc.py:816(get)
6 0.000 0.000 0.000 0.000 _parseaddr.py:201(quote)
42 0.000 0.000 0.000 0.000 _policybase.py:281(_sanitize_header)
42 0.000 0.000 0.000 0.000 _policybase.py:293(header_source_parse)
42 0.000 0.000 0.000 0.000 _policybase.py:311(header_fetch_parse)
21 0.000 0.000 0.000 0.000 abc.py:117(_instancecheck_)
32/8 0.000 0.000 0.000 0.000 abc.py:121(_subclasscheck_)
6 0.000 0.000 5.881 0.980 adapters.py:285(get_json)
6 0.000 0.000 5.881 0.980 adapters.py:294(get_text)

6 0.000 0.000 0.000 0.000 ssl.py:1113(_check_connected)
6 0.000 0.000 1.867 0.311 ssl.py:1121(read)
6 0.000 0.000 0.000 0.000 ssl.py:1199(send)
6 0.000 0.000 0.000 0.000 ssl.py:1226(sendall)
6 0.000 0.000 1.868 0.311 ssl.py:1263(recv_into)
6 0.001 0.000 0.002 0.000 ssl.py:1331(_real_close)
6 0.000 0.000 1.899 0.317 ssl.py:1335(do_handshake)
6 0.000 0.000 0.002 0.000 ssl.py:488(_new_)
6 0.000 0.000 0.000 0.000 ssl.py:499(_encode_hostname)
6 0.000 0.000 1.901 0.317 ssl.py:507(wrap_socket)
6 0.000 0.000 0.000 0.000 ssl.py:562(set_alpn_protocols)
12 0.000 0.000 0.054 0.004 ssl.py:573(_load_windows_store_certs)
6 0.000 0.000 0.054 0.009 ssl.py:587(load_default_certs)
12 0.000 0.000 0.000 0.000 ssl.py:728(verify_mode)
6 0.000 0.000 0.000 0.000 ssl.py:736(verify_mode)
6 0.000 0.000 0.057 0.009 ssl.py:741(create_default_context)
1 0.000 0.000 0.001 0.001 stringprep.py:1(<module>)
2 0.000 0.000 0.000 0.000 types.py:176(_get_)
12 0.000 0.000 0.000 0.000 utils.py:222(unquote)
6 0.000 0.000 0.000 0.000 utils.py:260(decode_params)
42 0.000 0.000 0.000 0.000 utils.py:51(_has_surrogates)

```



## DEBUGGING

```
Your OTP for Login in vaccination is 13225
> c:\users\hp\desktop\final11.py(34)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(37)main()
-> def Get_OTP():
(Pdb) n
> c:\users\hp\desktop\final11.py(45)main()
-> Get_OTP()
(Pdb) n
OTP Sent on The Given Phone Number
Verify To Continue
Enter the OTP
13225
OTP verified!! Let's Continue
> c:\users\hp\desktop\final11.py(47)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(50)main()
-> def second_dose_certificate(second_dose_date):
(Pdb) n
> c:\users\hp\desktop\final11.py(82)main()
-> ...
(Pdb) p phone_no
1
(Pdb) n
> c:\users\hp\desktop\final11.py(85)main()
-> def second_dose_status():
(Pdb) n
> c:\users\hp\desktop\final11.py(92)main()
-> ...
(Pdb) b 67
Breakpoint 1 at c:\users\hp\desktop\final11.py:67
(Pdb) p presentday
*** NameError: name 'presentday' is not defined
(Pdb) n
> c:\users\hp\desktop\final11.py(97)main()
-> def Verification_for_second_dose():
(Pdb) step
(Pdb) b 101
Breakpoint 2 at c:\users\hp\desktop\final11.py:101
(Pdb) n
> c:\users\hp\desktop\final11.py(112)main()
-> def schedule_second_dose(vaccine,first_dose_date):
(Pdb) n
> c:\users\hp\desktop\final11.py(123)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(126)main()
-> def first_dose_certificate(second_dose_date,location_for_appointment):
(Pdb) n
> c:\users\hp\desktop\final11.py(168)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(172)main()
-> def guidelines_for_vaccination():
(Pdb) n
> c:\users\hp\desktop\final11.py(180)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(184)main()
-> def second_dose_message(location_for_appointment,First_Name,Last_Name,dob,age,Aadhar_no,second_dose_date,vaccine,Application_id,gender):
(Pdb) n
> c:\users\hp\desktop\final11.py(216)main()
-> def first_dose_message(location_for_appointment,First_Name,Last_Name,dob,age,Aadhar_no,first_dose_date,vaccine,Application_id,gender):
(Pdb) n
> c:\users\hp\desktop\final11.py(246)main()
-> ...
(Pdb) █
```

```
> c:\users\hp\desktop\final11.py(246)main()
-> ...
(Pdb) b 165
*** Blank or comment
(Pdb) n
> c:\users\hp\desktop\final11.py(249)main()
-> def Set_Vaccination_Venue():
(Pdb) n
> c:\users\hp\desktop\final11.py(273)main()
-> def Schedule_Appointment():
(Pdb) n
> c:\users\hp\desktop\final11.py(285)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(288)main()
-> def get_vaccine_name():
(Pdb) n
> c:\users\hp\desktop\final11.py(295)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(299)main()
-> def Apply_Vaccination():
(Pdb) n
> c:\users\hp\desktop\final11.py(324)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(327)main()
-> def ask_vaccination():
(Pdb) n
> c:\users\hp\desktop\final11.py(352)main()
-> ask_vaccination()
(Pdb) n
Do you want to Apply For 1st Dose Vaccination [Yes/No]
n
Do you want to apply for second dose [Yes/No]
n
Stay Healthy, Stay Safe...
```

```
-> print("Your OTP for Login in vaccination is ", OTP_generate)
(Pdb) p phone_no
9131618018
(Pdb) n
Your OTP for Login in vaccination is 88241
> c:\users\hp\desktop\final11.py(25)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(28)main()
-> def Verify_OTP( otp):
(Pdb) b 78
Breakpoint 1 at c:\users\hp\desktop\final11.py:78
(Pdb) p Application_id
42388
(Pdb) n
> c:\users\hp\desktop\final11.py(34)main()
-> pdb.set_trace()
(Pdb) n
> c:\users\hp\desktop\final11.py(35)main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(38)main()
-> def Get_OTP():
(Pdb) n
> c:\users\hp\desktop\final11.py(46)main()
-> Get_OTP()
(Pdb) n
OTP Sent on The Given Phone Number
Verify To Continue
Enter the OTP
56
INCORRECT OTP, Please click on Resend OTP To Try Again
OTP Sent on The Given Phone Number
Verify To Continue
Enter the OTP
56
INCORRECT OTP, Please click on Resend OTP To Try Again
OTP Sent on The Given Phone Number
```

```
-> def guidelines_for_vaccination():
(Pdb) p otp
30622
(Pdb) p Application_id
70061
(Pdb) p presentday
*** NameError: name 'presentday' is not defined
(Pdb) n
> c:\users\hp\desktop\final11.py(181):main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(185):main()
-> def second_dose_message(location_for_appointment,First_Name,Last_Name,dob,age,Aadhar_no,second_dose_date,vaccine,Application_id,gender):
(Pdb) n
> c:\users\hp\desktop\final11.py(217):main()
-> def first_dose_message(location_for_appointment,First_Name,Last_Name,dob,age,Aadhar_no,first_dose_date,vaccine,Application_id,gender):
(Pdb) n
> c:\users\hp\desktop\final11.py(247):main()
-> ...
(Pdb) n
> c:\users\hp\desktop\final11.py(250):main()
-> def Set_Vaccination_Venue():
(Pdb) n
> c:\users\hp\desktop\final11.py(274):main()
-> def Schedule_Appointment():
(Pdb) n
> c:\users\hp\desktop\final11.py(286):main()
-> ...
(Pdb) b 250
Breakpoint 1 at c:\users\hp\desktop\final11.py:250
(Pdb) p presentdat
*** NameError: name 'presentdat' is not defined
(Pdb) b 330
Breakpoint 2 at c:\users\hp\desktop\final11.py:330
(Pdb) n
> c:\users\hp\desktop\final11.py(289):main()
-> def get_vaccine_name():
(Pdb) n

> c:\users\hp\desktop\final11.py(362):main()
-> inp=input()
(Pdb) p First_name
*** NameError: name 'First_name' is not defined
(Pdb) p First_Name
'prashant'
(Pdb) p Last_Name
'tripathi'
(Pdb) p dob
'12 apr'
(Pdb) n
n
> c:\users\hp\desktop\final11.py(363):main()
-> if(inp=="y"):
(Pdb) n
> c:\users\hp\desktop\final11.py(367):main()
-> print("Do You Want To Check Second Dose Staus:")
(Pdb) n
Do You Want To Check Second Dose Staus:
> c:\users\hp\desktop\final11.py(368):main()
-> second_inp=input()
(Pdb) n
n
> c:\users\hp\desktop\final11.py(369):main()
-> if(second_inp=="y"):
(Pdb) n
> c:\users\hp\desktop\final11.py(372):main()
-> print("Do you want to apply for Second dose [y/n]\n")
(Pdb) p Application_id
9398
```

### Statiscal Information

1. Starting Date: 11/11/2022
2. End Date: 15/11/2022
3. Total Line Of Code: 350
4. Total Days Taken: 5 Days
5. Language Used: Python
6. Program Title: Vaccination Drive
7. Degubber Used: pdb
8. Profiler Used: cProfile