**SINDHI HIGH SCHOOL, HEBBAL**

**BANGALORE**



## *Employment Elf*



**COMPUTER SCIENCE (083)**

*Academic Year 2020-21*

***NAME : Smriti Vipin Madangarli***

***CLASS : 12 ROLL.NO: 34***

***REG. NO: ………………………………….. ACADEMIC YEAR: 2020-2021***

**SINDHI HIGH SCHOOL, HEBBAL**

**BANGALORE**



## CERTIFICATE

*This is to certify that this project report entitled*

*……Employment Elf……………is a record of the project work done by …Smriti Vipin Madangarli………… of class …12… Sec …A… in the academic year 2020 – 2021. The project has been satisfactorily completed as prescribed by the Central Board of Secondary Education for the AISSCE course in the year 2020-21.*

*Date:……………………………*

*Internal Examiner External Examiner*

*Board Registration Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

## ACKNOWLEDGEMENT

I would like to sincerely thank the school management, principal Ms.Maitreyi Satyadev, and especially my computer teacher, Ms. Rashmi B.A, f or giving me this challenging opportunity to learn more about computer programming and come up with this project. I would also like to extend my gratitude towards my parents and friends who helped in reviewing and suggesting suitable ideas.

Sincerely,

Smriti Vipin Madangarli

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**INTRODUCTION**

‘Employment Elf’ is a customized career website that is designed to gauge the passion and interest of Class 12 (or PUC) students and guide them in choosing suitable career paths. The website provides a career quiz for the same along with a comprehensive pie-chart analysis of career field options. Career options for each field include a list of a few befitting occupations, important institutions and relevant entrance examinations. A forum to view frequently asked questions and even to contact career consultation specialists is also available. In short ‘Employment Elf’ is your one-stop destination for career queries.

The project focuses on developing python and mysql knowledge and utilizing it to built one’s own application. Through this project the concepts of basic gui, file handling and python-sql connectivity will be perfected. In addition , the knowledge of debugging and error analysis will be enhanced.

**Hardware & Software Requirements**



**RAM** : 2 GB (Minimum)

#### 4 GB (Recommended)

**Operating System** : 32 bit x86

#### 64 bit x64 (Recommended)

**Hard Disk** : Minimum 250 MB Free Memory

**Processor** : Dual Core 2.80 GHz or Greater

**Screen Resolution** : 1366 x 768 (Optimal)

**Graphics Card** : Minimum 64 MB

**Platform** : Windows 7/8/10 with SP1

**Python Version** : Python 3.0 or Greater

**MODULES IMPORTED**

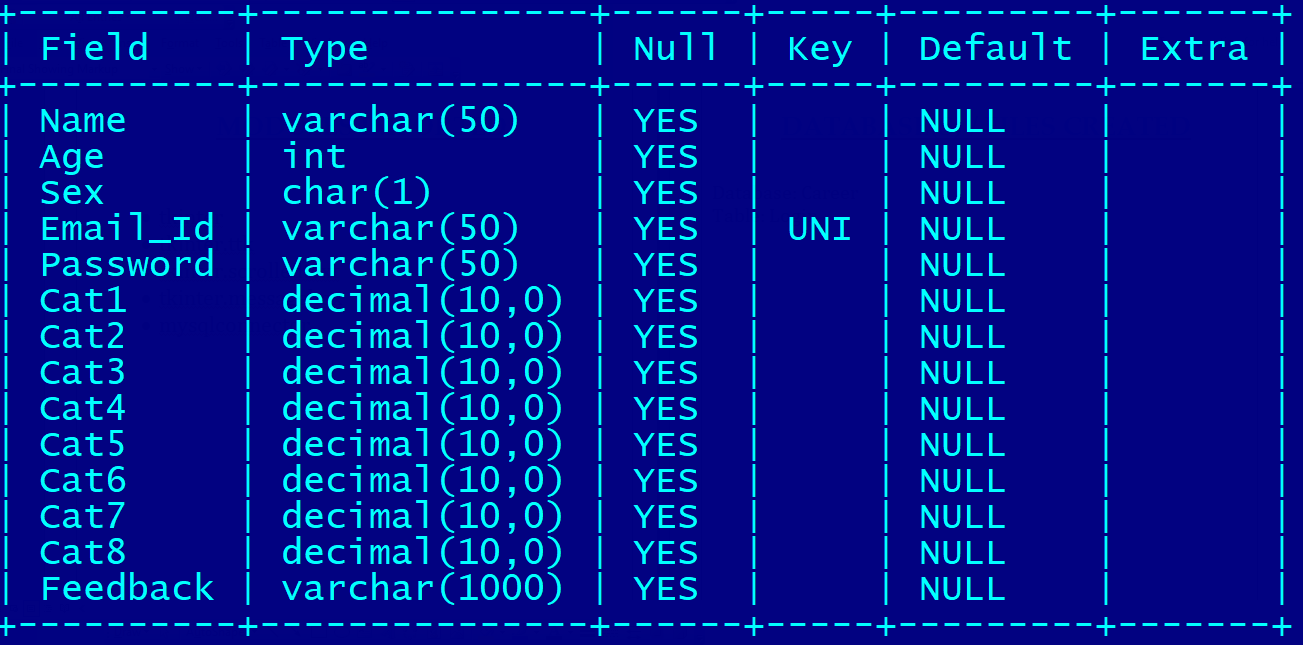
* tkinter
* tkinter.ttk
* tkinter.scrolledtext
* tkinter.messagebox
* mysql.connector

**DATABASE(S) CREATED**

Database: Career

Table: Login

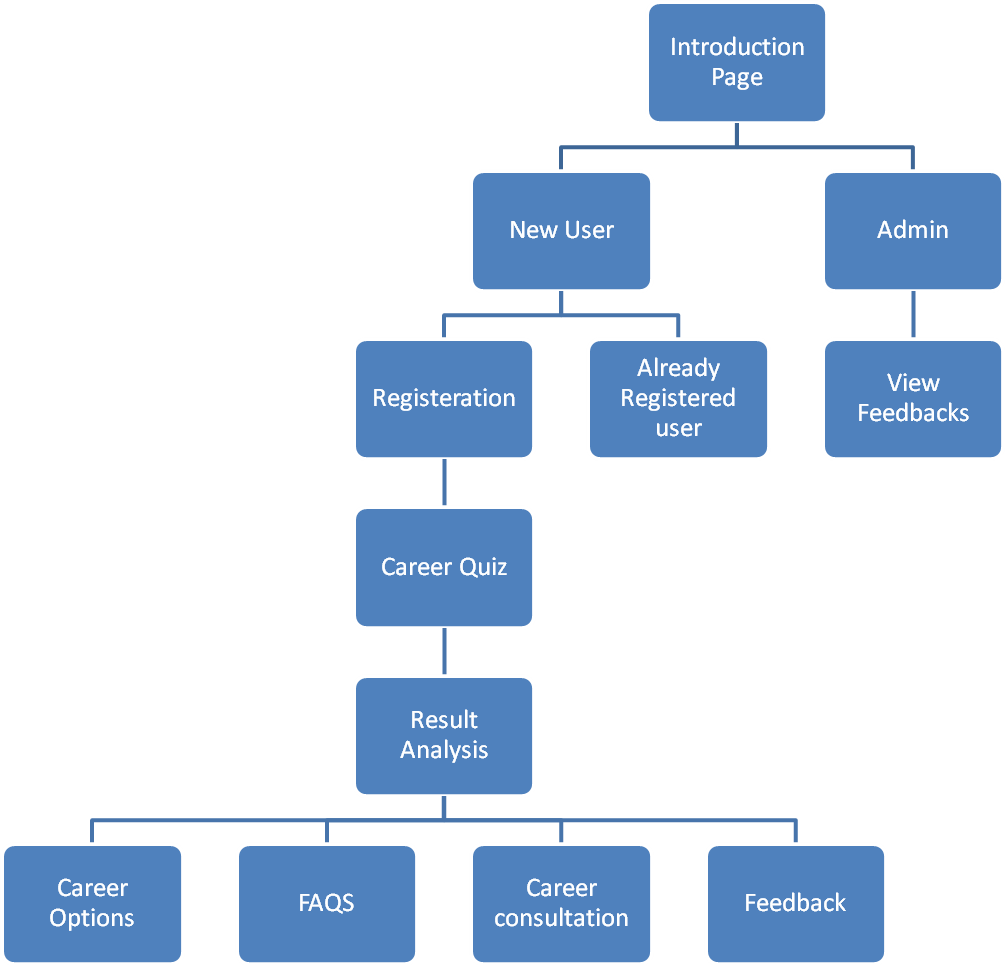
Table description:



**FILES CREATED**

1. **Text files:**
   1. career quiz.txt
   2. consult.txt
   3. faqs.txt
2. **CSV files:**
   1. Architecture and Construction.csv
   2. Arts, Audio&Video Technology and Communications.csv
   3. Business Management and Administration.csv
   4. Education and Training.csv
   5. Health Science.csv
   6. Law,Public Safety, Corrections and Security.csv
   7. Manufacturing.csv
   8. Science,Technology,Engineering and Mathematics.csv
3. **PNG files:**
   1. Career\_Elf.png
   2. Elf\_logo.png
   3. Elfie.png
4. **Python file(s):** EmploymentElf.py

**FLOWCHART**



**SOURCE CODE**

##Admin password is:career\_elf

#Importing tkinter

from tkinter import \*

from tkinter.ttk import\*

from tkinter.scrolledtext import\*

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

def admin():

global window1

window1.destroy

adm\_window = Tk()

adm\_window.title(‘Admin’)

adm\_window.configure(bg=’#FFF633’)

adm\_window.geometry(‘300x100’)

emp\_lb = Label(adm\_window,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#FFF633’)

emp\_lb.pack(side=TOP,padx=10,pady=10)

lbl=Label(adm\_window,text=”Password”, font=(‘Calibri’),background=’#FFDA33’)

lbl.pack(side= LEFT)

txt = Entry(adm\_window,width=20,show=’\*’)

txt.pack(side= LEFT)

def check\_adm():

if txt.get()==’career\_elf’:

lbl.pack\_forget()

txt.pack\_forget()

bt.pack\_forget()

width= adm\_window.winfo\_screenwidth()

height= adm\_window.winfo\_screenheight()

adm\_window.geometry(“%dx%d” % (width, height))

fdb = Label(adm\_window,text=’Feedbacks left by users’, font=(‘Broadway’,14,’bold’,’underline’), background = ‘#FFF633’)

fdb.pack(side=TOP, padx=50,pady=20)

sc\_fdb = ScrolledText(adm\_window,wrap = WORD,width = adm\_window.winfo\_screenwidth(),height = adm\_window.winfo\_screenheight(), font = (‘Calibri’,10,’bold’), background=”#FFF633”,foreground=”red”)

sc\_fdb.pack(side=BOTTOM,padx=10,pady=10)

import mysql.connector as ms

con=ms.connect(host=’localhost’,user=’root’,passwd=’tiger’,database=’career’)

cur=con.cursor()

con=ms.connect(host=’localhost’,user=’root’,passwd=’tiger’,database=’career’)

cur=con.cursor()

cur.execute(‘select \* from login where Feedback is not null’)

data=cur.fetchall()

fdb\_msg=’’

for row in data:

fdb\_msg += row[3] + ‘: ‘+str(row[13])+’\n’

sc\_fdb.insert(INSERT,fdb\_msg)

else:

from tkinter import messagebox

messagebox.showerror(“Admin Error”, ‘Enter correct password’)

bt=Button(adm\_window,text=”Enter”,command=check\_adm)

bt.pack(side=LEFT)

def feedback():

root7 = Tk()

root7.title(‘Feedback’)

root7.configure(bg=’#BEFF33’)

emp\_lb = Label(root7,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.grid(column=1,row=1,padx=10,pady=10)

ei = Label(root7, text=”Email\_Id”, font=(‘Calibri’,16,’bold’),background=’#A2CA4A’)

ei.grid(column=1,row=2)

txt1 = Entry(root7, width = 20)

txt1.grid(column=3,row=2)

fb = Label(root7, text=”Feedback”, font=(‘Calibri’, 16, ‘bold’),background=’#A2CA4A’)

fb.grid(column=1,row=4)

txt2 = Text(root7, width = 50, height=20)

txt2.grid(column=3,row=4)

def feed\_click():

import mysql.connector as ms

con = ms.connect(host=’localhost’,user=’root’,passwd=’tiger’,database=’career’)

cur=con.cursor()

cur.execute(“select \* from login where Email\_Id=’{}’”.format(txt1.get()))

data = cur.fetchone()

if data!=None:

x = “update login set Feedback=’{}’ where Email\_Id=’{}’”.format(txt2.get(“1.0”,END),txt1.get())

cur.execute(x)

con.commit()

from tkinter import messagebox

messagebox.showinfo(“Feedback Success”, “Thank you for dropping your feedback!”)

else:

from tkinter import messagebox

messagebox.showerror(“Email Error”, ‘Enter valid email-id’)

root7.destroy()

bt = Button(root7,text = ‘SUBMIT’, command=feed\_click)

bt.grid(column = 2, row =5)

root7.mainloop()

def wind2\_1():

global window2,window,root4

window.destroy()

root4.destroy()

window2 = Tk()

window2.title(‘Register’)

window2.configure(bg=’#BEFF33’)

width= window2.winfo\_screenwidth()

height= window2.winfo\_screenheight()

window2.geometry(“%dx%d” % (width, height))

emp\_lb = Label(window2,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.pack(side=TOP,padx=10,pady=10)

msg = Message(window2,width = window2.winfo\_screenwidth(),text = “Our website provides a wide variety of features. To access them, you’ll have to first register yourself”+’\n’+”Note: Once you register, you will immediately be directed to the career quiz”, font =(‘Calibri’,16), foreground= ‘#C2185B’,background=’#BEFF33’)

msg.pack(side=TOP,padx=10,pady=10)

img = PhotoImage(file=”Elfie.png”,master=window2)

lb1 = Label(window2, image=img).pack(side = TOP,padx=10,pady=10)

style\_but=Style(window2)

style\_but.configure(‘Tbutton’,font=

(“Harrington”,16,”bold”),

foreground = “red”, background=”#33FFAC”)

bt1 = Button(window2, text = ‘Register Now!’, command=Cregister)

bt1.pack(side=TOP, padx=10, pady=15)

bt2 = Button(window2, text = ‘Or have you already done it?’, command=Clogin)

bt2.pack(side=TOP, padx=10, pady=15)

bt3 = Button(window2, text = ‘Back to Main Page’, command=wind3\_2)

bt3.pack(side=TOP, padx=10, pady=15)

window2.mainloop()

def wind2\_2():

global window2,window

window.destroy()

window2 = Tk()

window2.title(‘Register’)

window2.configure(bg=’#BEFF33’)

width= window2.winfo\_screenwidth()

height= window2.winfo\_screenheight()

window2.geometry(“%dx%d” % (width, height))

emp\_lb = Label(window2,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.pack(side=TOP,padx=10,pady=10)

msg = Message(window2,width = window2.winfo\_screenwidth(),text = “Our website provides a wide variety of features. To access them, you’ll have to first register yourself”+’\n’+”Note: Once you register, you will immediately be directed to the career quiz”, font =(‘Calibri’,16), foreground= ‘#C2185B’,background=’#BEFF33’)

msg.pack(side=TOP,padx=10,pady=10)

img = PhotoImage(file=”Elfie.png”,master=window2)

lb1 = Label(window2, image=img).pack(side = TOP,padx=10,pady=10)

style\_but=Style(window2)

style\_but.configure(‘Tbutton’,font=

(“Harrington”,16,”bold”),

foreground = “red”, background=”#33FFAC”)

bt1 = Button(window2, text = ‘Register Now!’, command=Cregister)

bt1.pack(side=TOP, padx=10, pady=15)

bt2 = Button(window2, text = ‘Or have you already done it?’, command=Clogin)

bt2.pack(side=TOP, padx=10, pady=15)

bt3 = Button(window2, text = ‘Back to Main Page’, command=wind3\_2)

bt3.pack(side=TOP, padx=10, pady=15)

window2.mainloop()

#Window 3–Main Page

def wind3\_2():

global window,window2

window2.destroy()

window = Tk()

width= window.winfo\_screenwidth()

height= window.winfo\_screenheight()

window.geometry(“%dx%d” % (width, height))

window.title(‘EmploymentElf’)

window.configure(bg=’#BEFF33’)

l1 = Label(window,text = “Hello! Welcome to EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’ , background = ‘#BEFF33’).pack(side=TOP)

msg2 = Message(window, text=’’’EmploymentElf-the one stop destination for all your career related queries.

Now that you’ve taken up the Career Assessment Quiz, it’s time to check out our other features.

Click on any one of the buttons to explore!’’’, font=(‘Calibri’,16,’bold’), foreground=’red’, background=’#BEFF33’).pack(side=TOP)

style3=Style(window)

style3.configure(‘Tbutton’,font=

(“Harrington”,16,”bold”),

foreground = “red”, background=”#33FFAC”)

bt2=Button(window,text=”Career Options”,command=Career\_Options)

bt2.pack(side=TOP,padx=10, pady=15)

bt3 = Button(window,text = ‘FAQs’, command=FAQs)

bt3.pack(side=TOP,padx=10, pady=15)

bt4 = Button(window,text = ‘Career Consultation’, command=Consult)

bt4.pack(side=TOP,padx=10, pady=15)

bt5 = Button(window,text = ‘Go back to registration’, command=wind2\_2)

bt5.pack(side=TOP,padx=10, pady=15)

bt6 = Button(window,text = ‘Give us your valuable feedback’, command=feedback)

bt6.pack(side=TOP,padx=10, pady=15)

window.mainloop()

def wind3\_1():

global window

window = Tk()

width= window.winfo\_screenwidth()

height= window.winfo\_screenheight()

window.geometry(“%dx%d” % (width, height))

window.title(‘EmploymentElf’)

window.configure(bg=’#BEFF33’)

l1 = Label(window,text = “Hello! Welcome to EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’ , background = ‘#BEFF33’).pack(side=TOP)

msg2 = Message(window, text=’’’EmploymentElf-the one stop destination for all your career related queries.

Now that you’ve taken up the Career Assessment Quiz, it’s time to check out our other features.

Click on any one of the buttons to explore!’’’, font=(‘Calibri’,16,’bold’), foreground=’red’, background=’#BEFF33’).pack(side=TOP)

style3=Style(window)

style3.configure(‘Tbutton’,font=

(“Harrington”,16,”bold”),

foreground = “red”, background=”#33FFAC”)

bt2=Button(window,text=”Career Options”,command=Career\_Options)

bt2.pack(side=TOP,padx=10, pady=15)

bt3 = Button(window,text = ‘FAQs’, command=FAQs)

bt3.pack(side=TOP,padx=10, pady=15)

bt4 = Button(window,text = ‘Career Consultation’, command=Consult)

bt4.pack(side=TOP,padx=10, pady=15)

bt5 = Button(window,text = ‘Go back to registration’, command=wind2\_1)

bt5.pack(side=TOP,padx=10, pady=15)

bt6 = Button(window,text = ‘Give us your valuable feedback’, command=feedback)

bt6.pack(side=TOP,padx=10, pady=15)

window.mainloop()

#Function for Registration Window

click = 0 #click is a variable which has been used to link the register/login function with the career quiz and it’s result analysis

passwd, email, errormsg = ‘’, ‘’,’’

def Cregister():

global window2,name,click,errormsg

click = 0

root3 = Tk()

root3.title(“Register”)

root3.configure(bg=’#A2CA4A’)

emp\_lb = Label(root3,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#A2CA4A’)

emp\_lb.grid(column=2,row=0, padx=10,pady=10)

sg = Label(root3, text=”Enter your details first”, font=(‘Calibri’,14), foreground =’#9900CC’, background=’#A2CA4A’)

sg.grid(column=2,row=1)

nm = Label(root3,width=25, text=”Name (only alphabets)”, font=(‘Calibri’),background=’#A2CA4A’)

nm.grid(column=1,row=2)

txt1 = Entry(root3, width = 20)

txt1.grid(column=3,row=2)

age = Label(root3,width=25, text=”Age (min 10)”,font=(‘Calibri’),background=’#A2CA4A’)

age.grid(column=1,row=3)

txt2 = Entry(root3, width = 20)

txt2.grid(column=3,row=3)

sex = Label(root3,width=25, text=”Sex (m,f,o)”,font=(‘Calibri’),background=’#A2CA4A’)

sex.grid(column=1,row=4)

txt3 = Entry(root3, width = 20)

txt3.grid(column=3,row=4)

ei = Label(root3, width=25,text=”Email\_Id (eg:elf@emp.com)”,font=(‘Calibri’),background=’#A2CA4A’)

ei.grid(column=1,row=5)

txt4 = Entry(root3, width = 20)

txt4.grid(column=3,row=5)

pwd = Label(root3,width=25, text=”Password (min 8 characters)”,font=(‘Calibri’),background=’#A2CA4A’)

pwd.grid(column=1,row=6)

txt5 = Entry(root3, width = 20, show=’\*’)

txt5.grid(column=3,row=6)

def check():

global errormsg

if txt1.get().isalpha() or (‘ ‘ in txt1.get()):

if txt2.get().isdigit():

if len(txt2.get())==2:

if txt3.get() in [‘F’,’M’,’O’,’f’,’m’,’o’]:

if ‘@’ in txt4.get() and ‘.com’ in txt4.get():

if len(txt5.get())>=8:

return True

else:

errormsg=’Password should contain atleast 8 characters’

return False

else:

errormsg=’Email Id is not valid’

return False

else:

errormsg=”Sex should be in [‘F’,’M’,’O’]”

return False

else:

if len(txt2.get())==1:

errormsg=’You are too young’

return False

else:

errormsg=’Enter valid age’

return False

else:

errormsg=’Enter age in digits only’

return False

else:

errormsg=’Enter name in alphabets only’

return False

##SQL Connection1

import mysql.connector as sqLtor

def clicked():

global passwd,click,email,errormsg

email=txt4.get()

passwd = txt5.get()

mycon = sqLtor.connect(host = ‘localhost’, user = ‘root’, passwd=’tiger’, database = ‘Career’)

cursor=mycon.cursor()

cursor.execute(“select \* from login where Email\_Id=’{}’”.format(email))

data = cursor.fetchone()

if data==None:

st = “insert into login(Name, Age, Sex, Email\_Id, Password) values(‘{}’,’{}’,’{}’,’{}’,’{}’)”.format(txt1.get(), txt2.get(), txt3.get(), email, passwd)

if check():

cursor.execute(st)

mycon.commit()

root3.destroy()

from tkinter import messagebox

messagebox.showinfo(“Registered”, “Registration successful!”)

window2.destroy()

Cquiz\_full()

click = 1 #This is to indicate the quiz can be attempted

else:

from tkinter import messagebox

messagebox.showerror(“Register\_Error”, errormsg)

root3.destroy()

else:

from tkinter import messagebox

messagebox.showerror(“Register\_Error”, ‘ This Email\_Id has already been taken’ )

root3.destroy()

bt = Button(root3,text=’SUBMIT’, command=clicked)

bt.grid(column=2,row=8)

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#Function for Login Screen

def Clogin():

global window2,name,click

root3 = Tk()

root3.title(“Login”)

root3.configure(bg=’#A2CA4A’)

emp\_lb = Label(root3,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#A2CA4A’)

emp\_lb.grid(column=2,row=0, padx=10,pady=10)

sg = Label(root3, text=”Enter your credentials”, font=(‘Calibri’), foreground =’#9900CC’, background=’#A2CA4A’)

sg.grid(column=2,row=1)

ei = Label(root3, text=”Email\_Id”,font=(‘Calibri’),background=’#A2CA4A’)

ei.grid(column=1,row=2)

txt1 = Entry(root3, width = 20)

txt1.grid(column=3,row=2)

pwd = Label(root3, text=”Password”, font=(‘Calibri’),background=’#A2CA4A’)

pwd.grid(column=1,row=5)

txt2 = Entry(root3, width = 20, show=’\*’)

txt2.grid(column=3,row=5)

import mysql.connector as sqLtor

def clicked():

global passwd,click,email

email = txt1.get()

passwd=txt2.get()

mycon = sqLtor.connect(host = ‘localhost’, user = ‘root’, passwd=’tiger’, database = ‘Career’)

cursor=mycon.cursor()

cursor.execute(“select \* from login where Email\_Id=’{}’ and Password=’{}’”.format(email,passwd))

data = cursor.fetchone()

if data!=None:

from tkinter import messagebox

if messagebox.askyesno(“Career Quiz”, “Do you want to retake the quiz?”):

click=0 #User wishes to retake the quiz

else:

click=2 #User doesn’t want to retake the quiz

root3.destroy()

window2.destroy()

Cquiz\_full()

else:

from tkinter import messagebox

messagebox.showerror(“Login\_Error”, “Enter valid details”)

root3.destroy()

def passwd\_forget():

mycon = sqLtor.connect(host = ‘localhost’, user = ‘root’, passwd=’tiger’, database = ‘Career’)

cursor=mycon.cursor()

cursor.execute(“delete from login where Email\_Id=’{}’”.format(email))

Cregister()

bt1 = Button(root3,text=’SUBMIT’, command=clicked)

bt1.grid(column=1,row=8,sticky = W, pady=10,)

bt2 = Button(root3,text=’Forgot password?\nCreate New Account!’, command=passwd\_forget)

bt2.grid(column=3,row=8,sticky = W, pady=10,)

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

#Career Quiz

def Cquiz():

global Cat,lim

ques = [‘ ‘]

with open(‘career quiz.txt’,’r’) as cquiz: #Taking questions from csv file

for line in cquiz:

ques.append(line.rstrip())

Cat = {‘1’:[‘Arts, Audio/Video Technology and Communications’,0], ‘2’:[‘Education and Training’,0], ‘3’:[‘Manufacturing’,0], ‘4’:[‘Science,Technology,Engineering and Mathematics’,0], ‘5’:[‘Architecture and Construction’,0], ‘6’:[‘Business Management and Administration’,0], ‘7’:[‘Health Science’,0], ‘8’:[‘Law,Public Safety, Corrections and Security’,0]}

root2 = Tk()

width= root2.winfo\_screenwidth()

height= root2.winfo\_screenheight()

root2.geometry(“%dx%d” % (width, height))

root2.title(“Career Quiz”)

root2.configure(bg=’#BEFF33’)

style1 = Style(root2)

style1.configure(‘W.Tbutton’, font =

(‘calibri’, 20, ‘bold’, ‘underline’),

foreground = ‘red’)

style2 = Style(root2)

style2.configure(“Tradiobutton”,background =’#BEFF33’, font = (“arial”, 10, “bold”))

img = PhotoImage(file=”Elfie.png”,master=root2)

lb1 = Label(root2, image=img).grid(column=2,row=10)

#Creating RadioButtons

var = IntVar()

emp\_lb = Label(root2,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.grid(column=2,row=2)

lb = Label(root2, text = “Career Quiz”, font=(‘Calibri’,20,’bold’,’underline’), foreground=’red’, background=’#BEFF33’)

lb.grid(column=2, row=3, sticky = W, pady=10)

ins\_lb = Label(root2, text =’’’In order for us to estimate your personal interests and usual style,

you will first need to answer a series of questions.

Read each set of phrases below and decide which one of the four most describes you,

then select the radio button next to that phrase.’’’,font=(‘Calibri’,12),background=’#BEFF33’)

ins\_lb.grid(column=2,row=4,padx=10,pady=10)

rad1= Radiobutton(root2, text=ques[1], variable=var, value=1)

rad1.grid(column=1, row=5, sticky = W, pady=2)

rad2= Radiobutton(root2, text=ques[2], variable=var, value=2)

rad2.grid(column=3, row=5, sticky = W, pady=2)

rad3= Radiobutton(root2, text=ques[3], variable=var, value=3)

rad3.grid(column=1, row=6, sticky = W, pady=2)

rad4= Radiobutton(root2, text=ques[4], variable=var, value=4)

rad4.grid(column=3, row=6, sticky = W, pady=2)

lim = 5

def select():

op = str(var.get())

return op

def quit():

rad1.grid\_forget()

rad2.grid\_forget()

rad3.grid\_forget()

rad4.grid\_forget()

bt.configure(text=’DONE’,command=root2.destroy)

def Sel\_sc():

val= select()

global Cat,lim

if val in [‘1’, ‘14’, ‘22’, ‘27’, ‘33’]:

Cat[‘1’][1]+=1

elif val in [‘2’, ‘7’, ‘17’, ‘25’, ‘37’]:

Cat[‘2’][1]+=1

elif val in [‘6’, ‘12’, ‘13’, ‘29’, ‘40’]:

Cat[‘3’][1]+=1

elif val in [‘15’, ‘20’, ‘28’, ‘30’, ‘35’]:

Cat[‘4’][1]+=1

elif val in [‘3’, ‘5’, ‘9’, ‘21’, ‘31’]:

Cat[‘5’][1]+=1

elif val in [‘8’, ‘16’, ‘23’, ‘36’, ‘38’]:

Cat[‘6’][1]+=1

elif val in [‘4’, ‘10’, ‘18’, ‘24’, ‘32’]:

Cat[‘7’][1]+=1

elif val in [‘11’, ‘19’, ‘26’, ‘34’, ‘39’]:

Cat[‘8’][1]+=1

if lim==41:

quit()

try:

rad1.configure(text =ques[lim], value=lim)

rad2.configure(text =ques[lim+1], value=lim+1)

rad3.configure(text =ques[lim+2], value=lim+2)

rad4.configure(text =ques[lim+3], value=lim+3)

lim+=4

except:

root2.destroy

bt = Button(root2, text = “Enter”, command=Sel\_sc, style = ‘W.Tbutton’)

bt.grid(column=2, row=7, sticky = W, pady = 2)

root2.mainloop()

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

def Cquiz\_Result():

global email,root4

global Cat, click

T = A= ind = 0

l = []

for j in Cat:

l.append(Cat[j][1])

t = tuple(l)

for i in t:

T+=i

while T!=10:

root4\_1 = Tk()

root4\_1.title(‘Result’)

root4\_1.configure(bg=’#BEFF33’)

lb5 = Label(root4\_1, text = ‘Attempt the Quiz’,font=(‘Calibri’,16,’bold’), background=’#BEFF33’)

lb5.grid(column=0, row=0)

root4\_1.mainloop()

Cquiz()

T = A= ind = 0

l = []

for j in Cat:

l.append(Cat[j][1])

t = tuple(l)

for i in t:

T+=i

if T==10: #In the quiz, the user has totally selected 10 answers

global root4

root4 = Tk()

root4.title(‘Result’)

width= root4.winfo\_screenwidth()

height= root4 .winfo\_screenheight()

root4 .geometry(“%dx%d” % (width, height))

root4 .configure(bg=’#BEFF33’)

def percent(n):

return (n/T)\*100

##SQL Connection2

import mysql.connector as ms

con = ms.connect(host=’localhost’, user=’root’, passwd=’tiger’, database=’Career’)

cur = con.cursor()

for j in Cat:

perc = percent(Cat[j][1])

if j==’1’:

cur.execute(“update login set Cat1={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’2’:

cur.execute(“update login set Cat2={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’3’:

cur.execute(“update login set Cat3={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’4’:

cur.execute(“update login set Cat4={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’5’:

cur.execute(“update login set Cat5={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’6’:

cur.execute(“update login set Cat6={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’7’:

cur.execute(“update login set Cat7={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

elif j==’8’:

cur.execute(“update login set Cat8={} where Email\_Id=’{}’”.format(perc,email))

con.commit()

def prop(n):

return 360.0 \* n / T

if T!=0:

lab = Label(root4 , text=’Your Result Analysis’, font=(‘Harrington’,16,’bold’), foreground=’red’, background=’#BEFF33’)

lab.grid(column=2, row=0)

emp\_lb = Label(root4,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.grid(column=3, row=0)

cl\_lb = Label(root4,text=’’’\*\*Click each category to know

it’s colour on the pie chart’’’, font=(‘Calibri’,14,’bold’),foreground=’red’,background=’#BEFF33’)

cl\_lb.grid(column=4,row=1)

c = Canvas(root4 ,width=154, height=154, background=’#BEFF33’)

c.grid(column=2, row = 1)

Colours = (“gold”, “indigo”, “lime”, “#DC143C”, “teal”, “orange”, “#BA55D3”,”brown”)

for i in t:

c.create\_arc((2,2,152,152), fill=Colours[ind], outline=Colours[ind], start=prop(A), extent = prop(i))

if prop(i)!=0:

import tkinter as tk

cat\_rad = tk.Radiobutton(root4,text=Cat[str(ind+1)][0]+’(‘+str(int((i/T)\*100))+’%)’,font=(‘Calibri’,16,’bold’),bg=’#BEFF33’,selectcolor=Colours[ind],activebackground=Colours[ind])

cat\_rad.grid(column = 3, row = ind+2)

A+=i

ind+=1

try:

cur.execute(“select \* from login where Email\_Id=’{}’”.format(email))

data = cur.fetchone()

name = data[0]

msg4 = Message(root4 ,width=’200’, text=’Name: ‘+data[0]+’\n’+’Age: ‘+str(data[1]), font =(‘Harrington’,20,’bold’),foreground=’red’, background=’#33FFAC’)

msg4.grid(column=3, row=1)

except:

msg4 = Message(root4 , text=”No saved data”)

msg4.grid(column=3, row=1)

style2 = Style(root4)

style2.configure(‘W.Tbutton’, font =

(‘Harrington’, 18, ‘bold’),

foreground = ‘red’, background = “#33FFAC”)

bt = Button(root4 ,text = ‘Click to continue’, command=wind3\_1, style=’W.Tbutton’)

bt.grid(column = 3, row =11, padx=10,pady=10)

res\_mes = Message(root4,width=’800’,text = “Hello “ + name +’’’! Thank you for taking up our career quiz.

Career quizzes and tests can help you choose, change or develop your career. You can use them as a starting point in your journey to get to know yourself better and explore the wide range of career opportunities available to you.

The pie chart provides a detailed analysis of all the career fields you might be interested in.

A higher percentage indicates better suitability. Hope you find this useful and select the best path for yourself.

All the best!’’’,font =(‘Calibri’,12),background=’#BEFF33’)

res\_mes.grid(column = 3, row =10, padx=10,pady=10)

root4.mainloop()

click = 1 #Quiz has been attempted

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

def Cquiz\_full():

global click,root4

ind=A=0

Cat\_res = {‘1’:[‘Arts, Audio/Video Technology and Communications’,0], ‘2’:[‘Education and Training’,0], ‘3’:[‘Manufacturing’,0], ‘4’:[‘Science,Technology,Engineering and Mathematics’,0], ‘5’:[‘Architecture and Construction’,0], ‘6’:[‘Business Management and Administration’,0], ‘7’:[‘Health Science’,0], ‘8’:[‘Law,Public Safety, Corrections and Security’,0]}

if click==2:#This implies the user doesn’t want to retake the quiz

root4= Tk()

width= root4.winfo\_screenwidth()

height= root4.winfo\_screenheight()

root4.geometry(“%dx%d” % (width, height))

root4.title(‘Result’)

root4.configure(bg=’#BEFF33’)

from tkinter import messagebox

messagebox.showinfo(“Registered”, “You have already attempted the quiz!”)

##SQL Connection3

import mysql.connector as ms

con = ms.connect(host=’localhost’, user=’root’, passwd=’tiger’, database=’career’)

cur = con.cursor()

cur.execute(“select Cat1,Cat2,Cat3,Cat4,Cat5,Cat6,Cat7,Cat8 from login where Email\_Id=’{}’”.format(email))

data = cur.fetchone()

def pro(n):

return (360.0/100) \* float(n)

lab = Label(root4, text=’Your Result Analysis’, font=(‘Harrington’,16,’bold’), foreground=’red’, background=’#BEFF33’)

lab.grid(column=2, row=0)

emp\_lb = Label(root4,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.grid(column=3,row=0, padx=10,pady=10)

cl\_lb = Label(root4,text=’’’\*\*Click each category to know

it’s colour on the pie chart’’’, font=(‘Calibri’,14,’bold’),foreground=’red’,background=’#BEFF33’)

cl\_lb.grid(column=4,row=1)

c = Canvas(root4,width=154, height=154, background=’#BEFF33’)

c.grid(column=2, row = 1)

Colours = (“gold”, “indigo”, “#279228”, “#DC143C”, “teal”, “orange”, “#BA55D3”,”brown”)

for i in data:

c.create\_arc((2,2,152,152), fill=Colours[ind], outline=Colours[ind], start=pro(A), extent = pro(i))

if pro(i)!=0:

import tkinter as tk

cat\_rad = tk.Radiobutton(root4,text=Cat\_res[str(ind+1)][0]+’(‘+str(int(i))+’%)’,font=(‘Calibri’,16,’bold’),bg=’#BEFF33’,selectcolor=Colours[ind],activebackground=Colours[ind])

cat\_rad.grid(column = 3, row = ind+2)

A+=i

ind+=1

cur.execute(“select \* from login where Email\_Id=’{}’”.format(email))

data = cur.fetchone()

name = data[0]

msg4 = Message(root4,width=’200’, text=’Name: ‘+str(data[0])+’\n’+’Age: ‘+str(data[1]), font =(‘Harrington’,20,’bold’),foreground=’red’, background=’#33FFAC’)

msg4.grid(column=3, row=1)

style2 = Style(root4)

style2.configure(‘W.Tbutton’, font =

(‘Harrington’, 18, ‘bold’),

foreground = ‘red’, background = “#33FFAC”)

bt = Button(root4,text = ‘Click to continue’, command=wind3\_1,style=’W.Tbutton’)

bt.grid(column = 3, row =11,padx=10,pady=10)

res\_mes = Message(root4,width=’800’,text = “Hello “ + name +’’’! Thank you for taking up our career quiz.

Career quizzes and tests can help you choose, change or develop your career. You can use them as a starting point in your journey to get to know yourself better and explore the wide range of career opportunities available to you.

The pie chart provides a detailed analysis of all the career fields you might be interested in.

A higher percentage indicates better suitability. Hope you find this useful and select the best path for yourself.

All the best!’’’,font =(‘Calibri’,12),background=’#BEFF33’)

res\_mes.grid(column = 3, row =10, padx=10,pady=10)

root4.mainloop()

else:

Cquiz()

Cquiz\_Result()

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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#Career Options

def Cop\_Reader(file): #To display details based on category selected

global inst,pc,ree

fname = file+’.csv’

import csv

with open(fname, “r”, newline = ‘\r\n’) as fh:

creader = csv.reader(fh)

inst,pc,ree=[],[],[]

for rec in creader:

try:

#Taking each category as a separate list

inst.append(rec[0])

pc.append(rec[1])

ree.append(rec[2])

except:

break

def Career\_Options(): #To display all possible categories

CV = {‘Arts, Audio&Video Technology and Communications’:1, ‘Education and Training’:2, ‘Manufacturing’:3, ‘Science,Technology,Engineering and Mathematics’:4, ‘Architecture and Construction’:5, ‘Business Management and Administration’:6, ‘Health Science’:7, ‘Law,Public Safety, Corrections and Security’:8}

CVCat=[]

for i in CV:

CVCat.append(i)

root1 = Tk()

width= root1.winfo\_screenwidth()

height= root1.winfo\_screenheight()

root1.geometry(“%dx%d” % (width, height))

root1.title(“Career Options”)

root1.configure(bg=’#BEFF33’)

root1.geometry(‘1500x800’)

emp\_lb = Label(root1,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.grid(column=3,row=0, padx=10,pady=10)

msg2 = Message(root1,width = ‘300’, text=’’’EmploymentElf: Ground-breaking career information! ‘’’, font=(‘Calibri’,16,’bold’), foreground=’red’, background=’#BEFF33’).grid(column=1,row=1)

msg3 = Message(root1,width=’300’, text=’’’Our sources are 100% accurate.’’’, font=(‘Calibri’,16,’bold’), foreground=’red’, background=’#BEFF33’).grid(column=3,row=1)

msg4 = Message(root1,width=’300’, text=’’’Select a category from the menu to view the various options:Institutions,Career possibilies

and Related entrance exams.’’’, font=(‘Calibri’,16,’bold’), foreground=’red’, background=’#BEFF33’).grid(column=5,row=1)

combo = Combobox(root1, values = CVCat, width=50) #Displaying categories as a combobox widget

combo.grid(column = 3, row =2,pady=5)

def select():

op = combo.get() #Getting the value stored in the combobox

Cop\_Reader(op) #Invoking previous function

global inst,pc,ree

sc1 = ScrolledText(root1,wrap = WORD,width = 50,height = 10, font = (‘Calibri’,14,’bold’), background=”#A2CA4A”,foreground=”#A10000”)

sc1.grid(column = 1, row = 5,padx=10)

inst\_str = ‘’

for i in inst:

if i==’ ‘:

inst.remove(i)#Removing Extra Characters

else:

inst\_str+=’\*’+i+’\n’ #Converting list into multiline string

sc1.insert(INSERT,”SOME POPULAR INDIAN INSTITUTIONS\n”, INSERT,inst\_str)

sc2 = ScrolledText(root1,wrap = WORD,width = 50,height = 10, font = (‘Calibri’,14,’bold’), background=”#A2CA4A”,foreground=”#A10000”)

sc2.grid(column = 3, row = 5)

pc\_str = ‘’

for i in pc:

if i==’’:

pc.remove(i)

else:

pc\_str+=’\*’+i+’\n’

sc2.insert(INSERT,”SOME POSSIBLE CAREERS\n”, INSERT,pc\_str)

sc3 = ScrolledText(root1,wrap = WORD,width = 20,height = 10, font = (‘Calibri’,14,’bold’), background=”#A2CA4A”,foreground=”#A10000”)

sc3.grid(column = 5, row = 5)

ree\_str = ‘’

for i in ree:

if i==’’:

ree.remove(i)

else:

ree\_str+=’\*’+i+’\n’

sc3.insert(INSERT,”RELATED ENTRANCE EXAMS\n”, INSERT,ree\_str)

bt = Button(root1,text = ‘Enter’, command=select) #Button which performs the operation

bt.grid(column = 3, row =4,pady=5)

root1.mainloop()

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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#FAQs

def FAQs():

file = open(r’faqs.txt’, ‘r’)

win = Tk()

width= win.winfo\_screenwidth()

height= win.winfo\_screenheight()

win.geometry(“%dx%d” % (width, height))

win.title(‘Frequently Asked Questions’)

win.configure(bg=’#BEFF33’)

emp\_lb = Label(win,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.pack(side=TOP, padx=10,pady=10)

‘’’img = PhotoImage(file=”Elfie.png”,master=win)

lb1 = Label(win, image=img).pack(side = RIGHT)’’’

sc1 = ScrolledText(win,width= win.winfo\_screenwidth(),wrap = WORD,height= win.winfo\_screenheight() , font = (‘Calibri’,20,’bold’),background=”#A2CA4A”,foreground=”#A10000”)

sc1.pack(side=TOP,padx=10,pady=10)

faq\_str =’’

for i in file:

faq\_str+=i #Converting list into multiline string

sc1.insert(INSERT,”SOME FREQUENTLY ASKED QUESTIONS\n”, INSERT,faq\_str)

win.mainloop()#Exitinng tkinter window

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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#Career Consultation Window

def Consult():

file = open(r’consult.txt’, ‘r’)

win1 = Tk()

width= win1.winfo\_screenwidth()

height= win1.winfo\_screenheight()

win1.geometry(“%dx%d” % (width, height))

win1.title(‘Our Career Experts’)

win1.configure(bg=’#BEFF33’)

emp\_lb = Label(win1,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.pack(side=TOP, padx=10,pady=10)

sc1 = ScrolledText(win1,width= win1.winfo\_screenwidth(),wrap = WORD,height= win1.winfo\_screenheight() , font = (‘Calibri’,20,’bold’), background=”#A2CA4A”,foreground=”#A10000”)

sc1.pack(side=TOP,padx=10,pady=10)

img = PhotoImage(file=”Elfie.png”,master=win1)

lb1 = Label(win1, image=img).pack(side = TOP,padx=10,pady=10)

faq\_str =’’

for i in file:

faq\_str+=i #Converting list into multiline string

sc1.insert(INSERT,”CONTACT OUR CAREER EXPERTS\n”, INSERT,faq\_str)

win1.mainloop()

file.close()

#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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def wind2\_from1():

global window2,window1

window1.destroy()

window2 = Tk()

window2.title(‘Register’)

window2.configure(bg=’#BEFF33’)

width= window2.winfo\_screenwidth()

height= window2.winfo\_screenheight()

window2.geometry(“%dx%d” % (width, height))

emp\_lb = Label(window2 , text=’EmploymentElf’, font = (‘Harrington’, 26,’bold’),foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.pack(side=TOP,padx=10,pady=10)

style2 = Style(window2)

style2.configure(‘Tbutton’, font =

(‘Harrington’, 18, ‘bold’),

foreground = ‘red’, background = “#33FFAC”)

msg = Message(window2,width= window2.winfo\_screenwidth(),text =”Our website provides a wide variety of features. To access them, you’ll have to first register yourself”+’\n’+”Note: Once you register, you will immediately be directed to the career quiz” , font =(‘Calibri’,16), foreground= ‘#C2185B’,background=’#BEFF33’)

msg.pack(side=TOP,padx=10,pady=10)

img = PhotoImage(file=”Elfie.png”,master=window2)

lb1 = Label(window2, image=img).pack(side = TOP,padx=10,pady=10)

bt1 = Button(window2, text = ‘Register Now!’, command=Cregister)

bt1.pack(side=TOP, padx=10, pady=15)

bt2 = Button(window2, text = ‘Or have you already done it?’, command=Clogin)

bt2.pack(side=TOP, padx=10, pady=15)

window2.mainloop()

#Creating various windows

#Window 1–Starting page

window1 = Tk()

width= window1.winfo\_screenwidth()

height= window1.winfo\_screenheight()

window1.geometry(“%dx%d” % (width, height))

window1.title(‘EmploymentElf’)

window1.configure(bg=’#BEFF33’)

emp\_lb = Label(window1,text = “EmploymentElf”, font = (‘Harrington’, 26,’bold’), foreground = ‘#E67E22’,background=’#BEFF33’)

emp\_lb.pack(side=TOP, padx=10,pady=10)

img1 = PhotoImage(file = ‘Elf\_logo.png’)

style = Style(window1)

style.configure(‘W.Tbutton’, font =

(‘Harrington’, 18, ‘bold’),

foreground = ‘red’, background = “#33FFAC”)

# Setting icon of master window

window1.iconphoto(True, img1)

img = PhotoImage(file=”Career\_Elf.png”)

lb1 = Label(window1, image=img).pack(side = TOP)

msg = Message(window1,width=’1000’,text = ‘’’ ‘Career’ – what does it mean to you? Choosing a career path can be overwhelming but fear not because we’ve got your back.

Here at EmploymentElf you will find a variety of options to explore and we can assure you that you will finally have the confidence to achieve your dreams.

EmploymentElf enables you to take up a career quiz to assess your interests and capabilties. We also provide a list of career choices in each field and list out the top institutions and exams corresponding to the same. Seek guidance to plan the next steps and achieve your career goals!

So, what are you waiting for? Go ahead and click to continue.’’’, font =(‘Calibri’,12,’bold’),background=’#BEFF33’).pack(side=TOP,pady=10)

bt1 = Button(window1, text=’Click to Continue’, command=wind2\_from1,style = ‘W.Tbutton’).pack(side=TOP,pady=5)

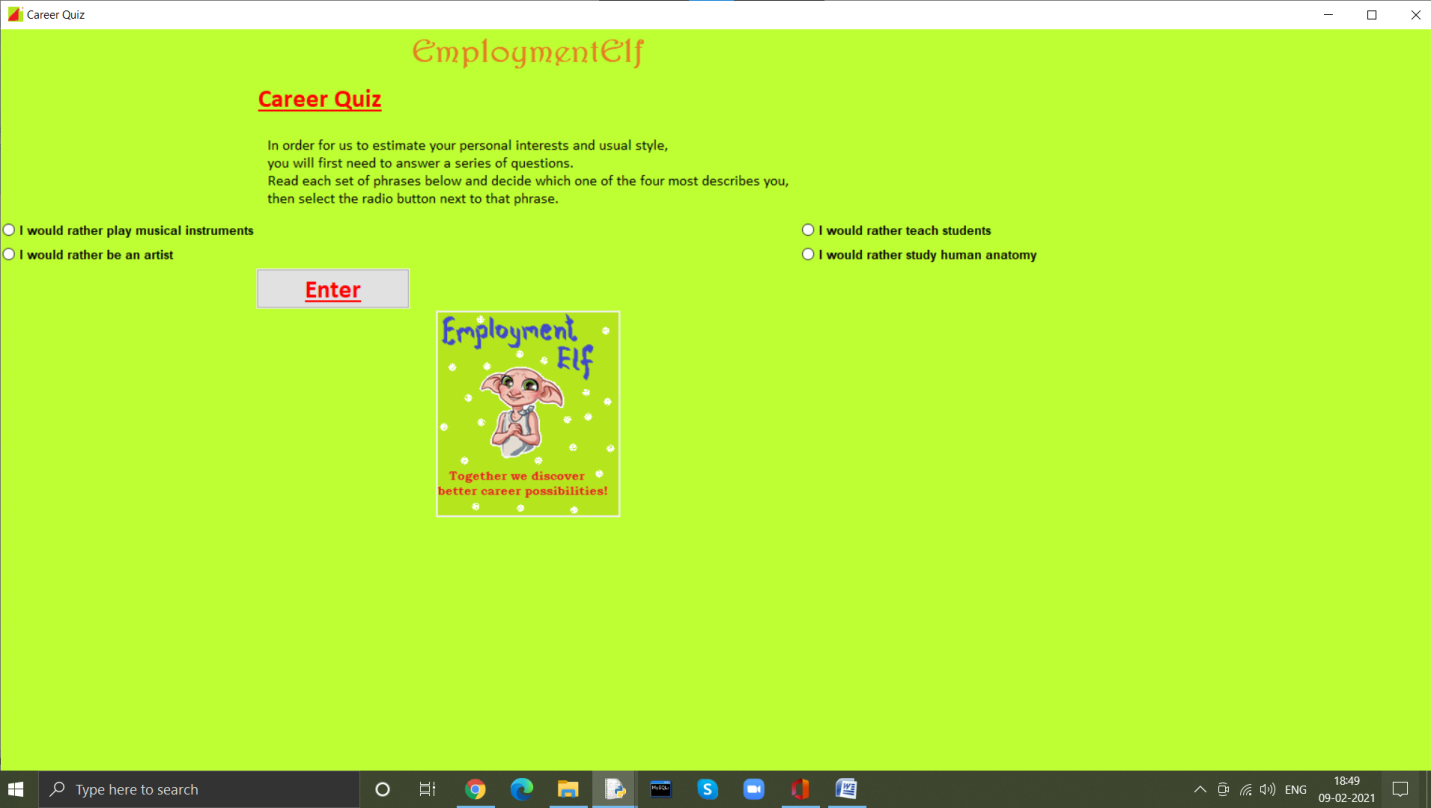
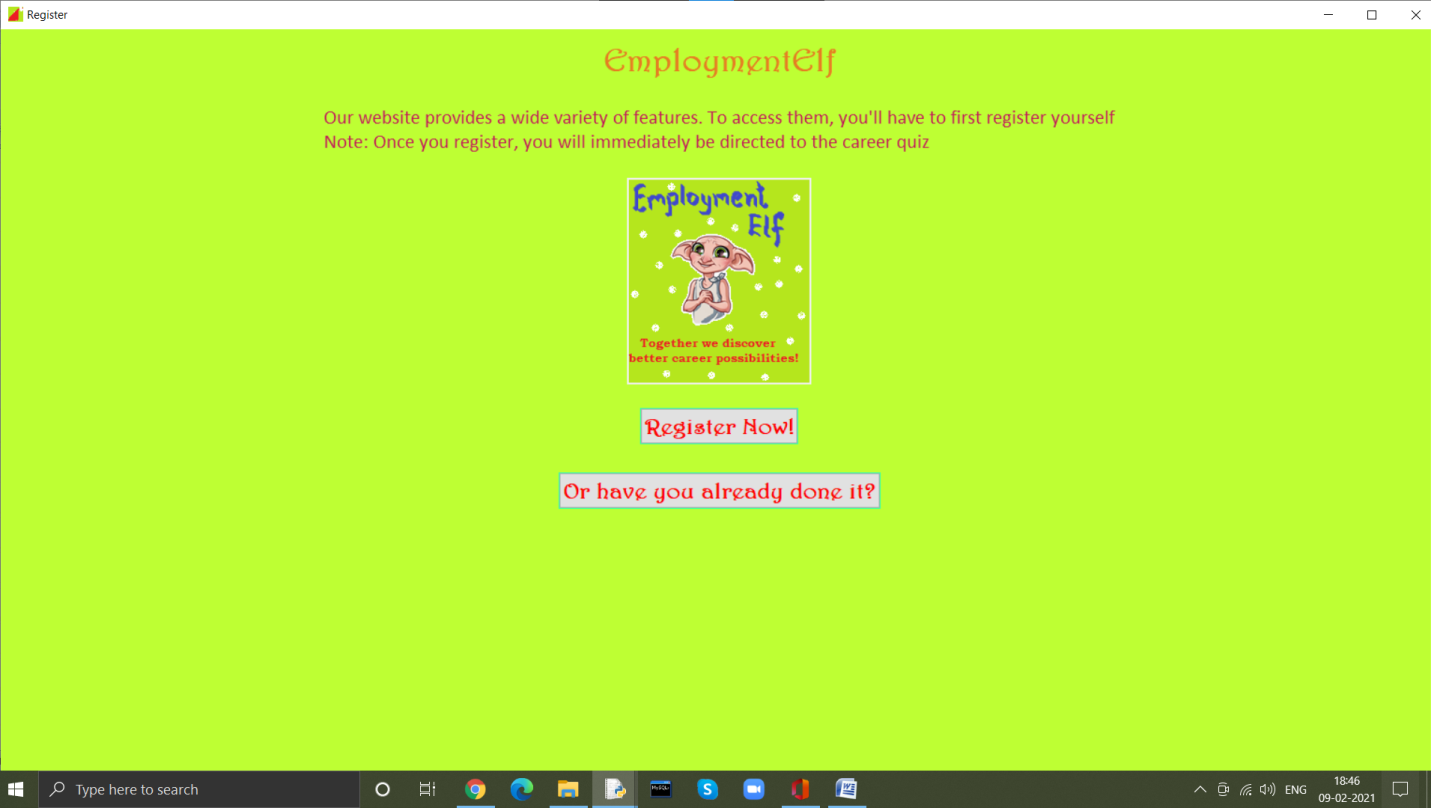
bt2 = Button(window1,text=’Are you the admin?’, command=admin , style = ‘W.Tbutton’).pack(side=TOP,pady=5)

window1.mainloop()

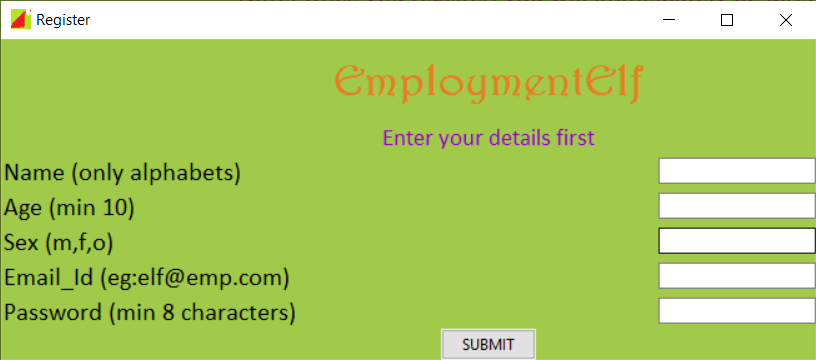
#\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

# SAMPLE OUTPUT

**Starting Page**



**Registration Window**



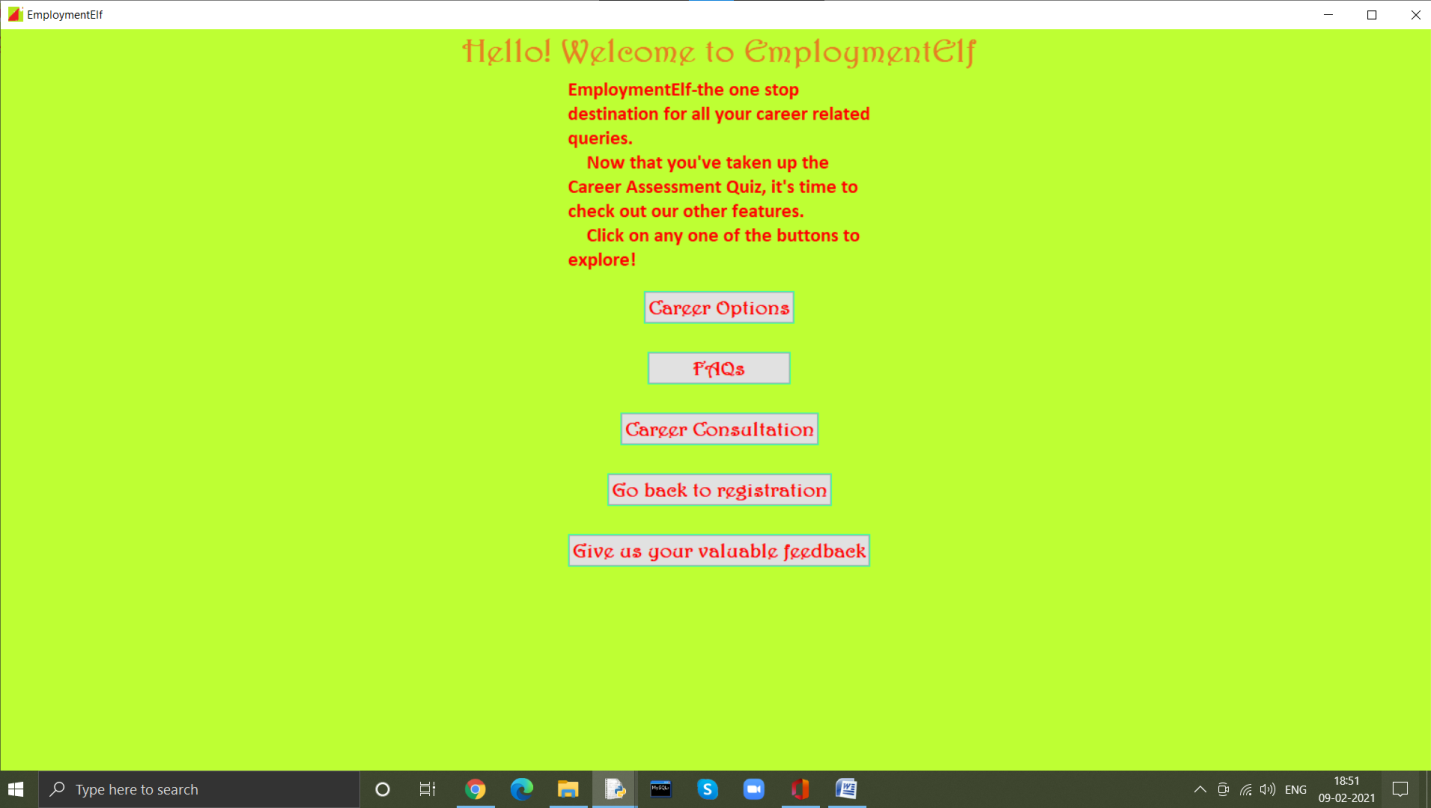
**Career Quiz**



**Career Quiz Result**



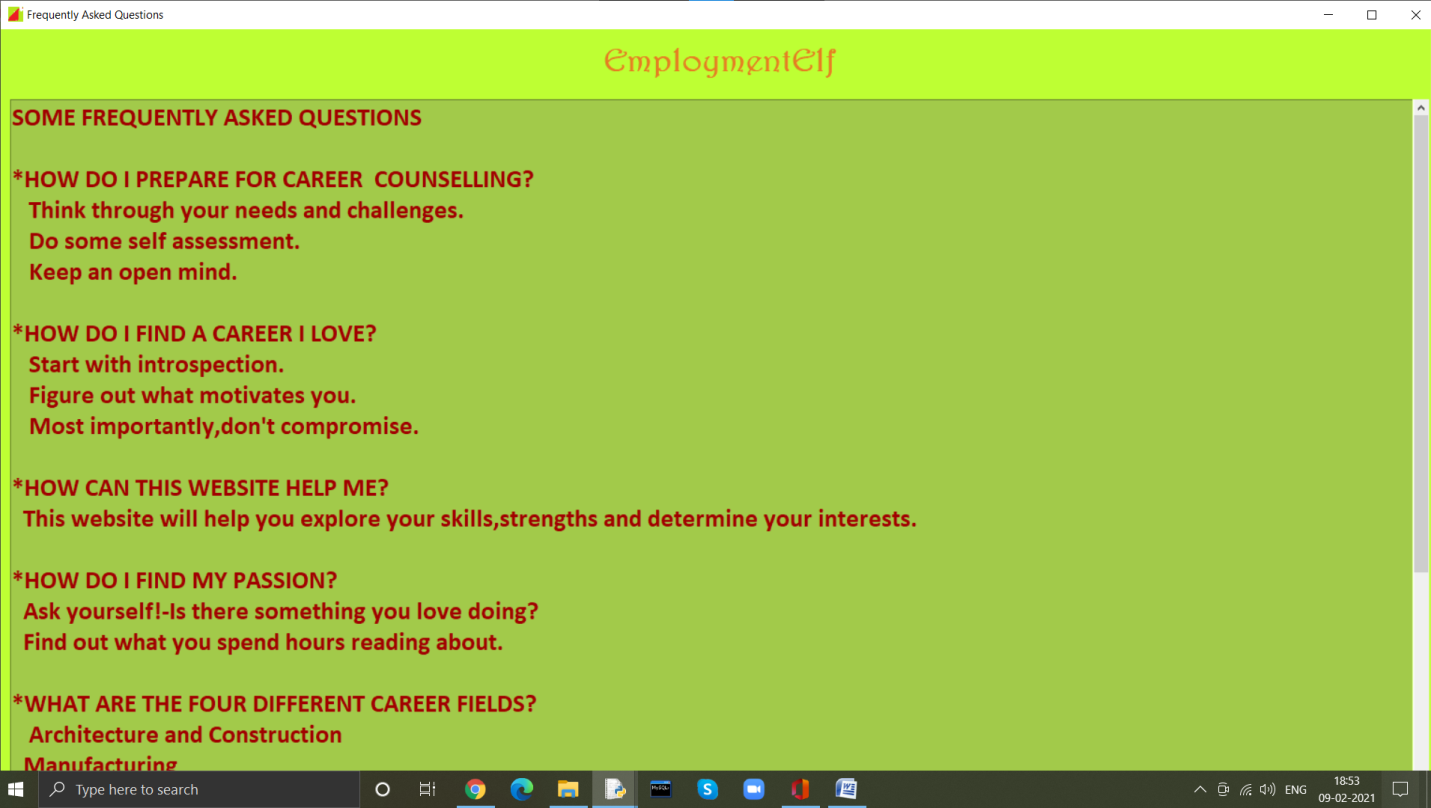
**Main Page**



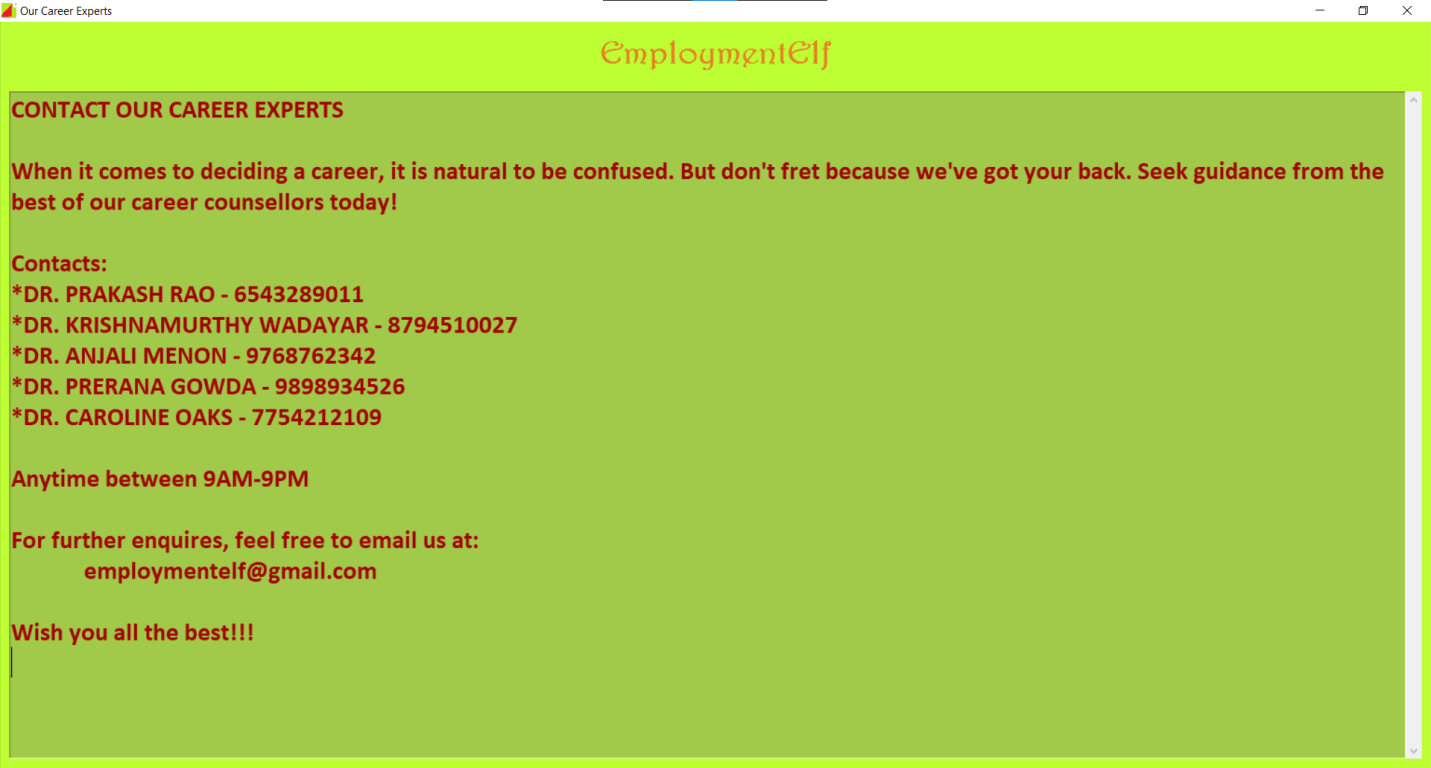
**Career Options**



**FAQs**



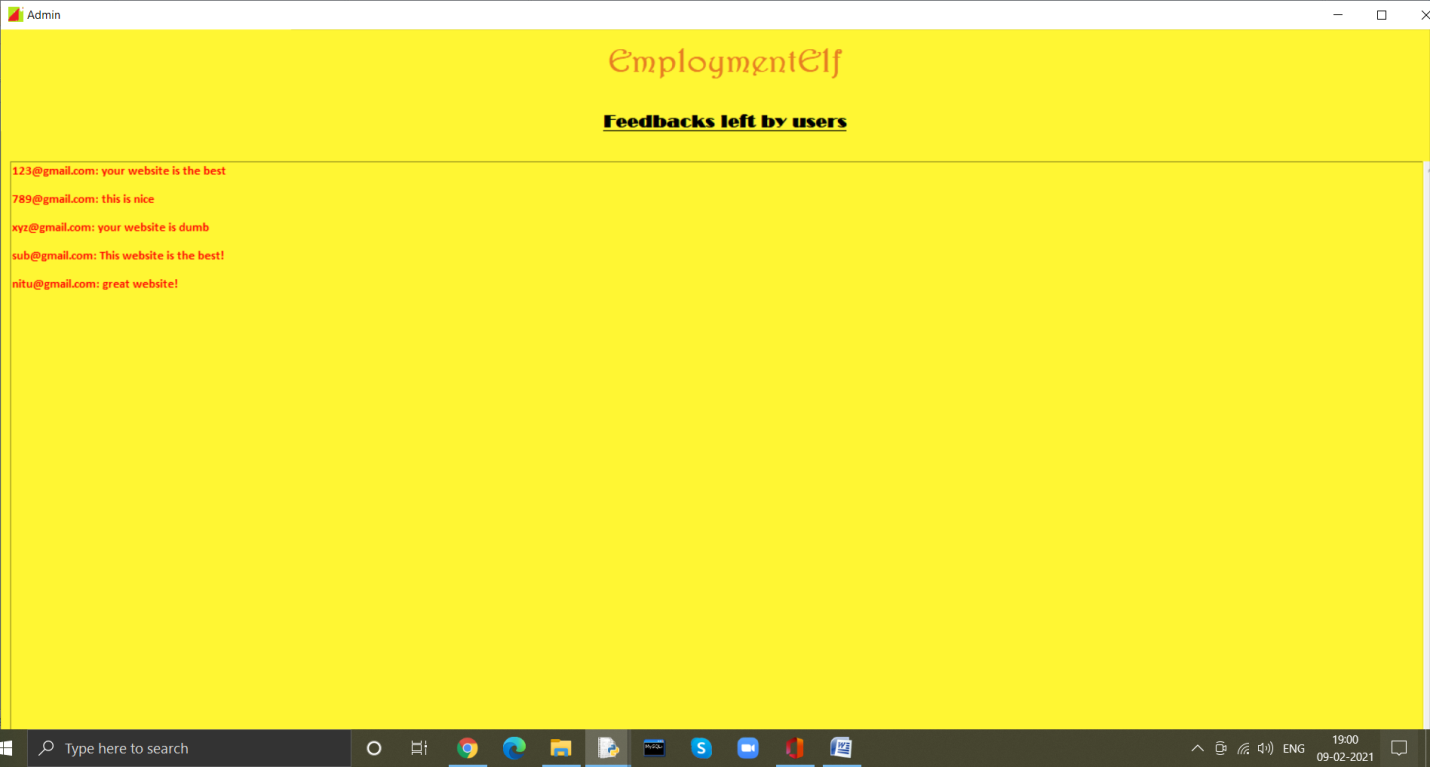
**Career Counselling**



**Feedback window**



**Admin window**



**CONCLUSION**

‘Employment Elf’ is a career website helpful for teenagers and others to discover the path they love. This website is a useful resource which provides suggestions for selecting the best career options based on ones interests.

Through this project, I was able to learn and apply various concepts of python and mysql in making my own career website. I learnt new concepts of gui and understood data-file handling and python-mysql connectivity better. I learnt how to debug a project and come up with solutions to fix each error. Additionally, this project helped me learn about a variety of career possibilities and helped me discover my interests too.

**BIBLIOGRAPHY**

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* [www.youtube.com](http://www.youtube.com)
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