

MIT POLYTECHNIC PUNE

MICRO PROJECT

Academic year: 2020-21

TITLE OF PROJECT

RECHARGE MANAGEMENT SYSTEM

Program: Computer Engineering

Program code: CO6I

Course: Programming with Python

Course code: 22616

(Prof.Mrs.J.P.Khurpade)
(Name of the guide)

(Prof.Mrs.J.P.Khurpade)
(Name of HOD)



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

Certificate

This is to certify that Mr. **Prasad Raghunath Labade** Roll No. **37** of VI Semester of Diploma in **Computer Engineering** of Institute: **MIT Polytechnic Pune (Code:0148)** has completed the **MICRO PROJECT** satisfactorily in Subject **PWP** for the academic year **2020-2021** as prescribed in the curriculum.

Place: Pune

Enrolment No: 1801480270

Date:

Exam. Seat No:

Subject Teacher

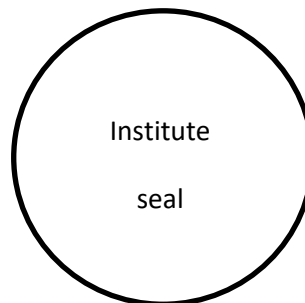
(Prof.Mrs.J.P.Khurpade)

Head of the department

(Prof.Mrs.J.P.Khurpade)

Principal

(Dr. R.S.Kale)



Institute

seal

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STUDENT/GROUP DETAILS

Sr. No.	Name of the Student	Roll No.	Enrollment No.	Seat No.
1	Prasad Labade	37	1801480270	

Name of Guide: Prof.Mrs.J.P.Khurpade

PART - A Micro-Project Proposal

RECHARGE MANAGEMENT SYSTEM

1.0 Brief Introduction:

In my project, I have developed a recharge management system using python and Tkinter. The system aims at gathering user card details to add money to wallet and recharge using the same money and display the desired results to the user. I have used python functions such as `mysql.connect()` , `db.cursor()` , etc. I have MySQL as a database for my system to store all the details of the transactions as well as the users.

Modules in the system.

- Login / Signup
- Addmoney to wallet
- Recharge
- Check Balance
- About page

2.0 Aim of the Micro - Project:

- To obtain a system that records updates and displays information from the database.

3.0 Action Plan:

Sr. No	Details of activity	Planned Start date	Planned Finish date	Name of Responsible Team Member
1	Searching for Topic	8 / 4 / 2021	11 / 4 / 2021	Prasad Labade
2	Surveying information	12 / 4 / 2021	15 / 4 / 2021	
3	Requirement Analysis	16 / 4 / 2021	19 / 4 / 2021	
4	Finalizing Design (Layout)	20 / 4 / 2021	27 / 4 / 2021	
5	Generating Program & Final Execution	28 / 4 / 2021	1 / 4 / 2021	
6	Report Generation	2 / 5 / 2021	4 / 5 / 2021	
7	Final Submission	5 / 5 / 2021	5 / 5 / 2021	

4.0 Resources Required:

- PyCharm IDE
- Python 3.9 Interpreter
- Xampp Control panel

PART - B Micro Project Report

RECHARGE MANAGEMENT SYSTEM

1.0 INTRODUCTION

In my project, I have developed a recharge management system using python and Tkinter. The system aims at gathering user card details to add money to wallet and recharge using the same money and display the desired results to the user. I have used python functions such as mysql.connect() , db.cursor() , etc. I have MySQL as a database for my system to store all the details of the transactions as well as the users.

Modules in the system.

- Login / Signup
- Addmoney to wallet
- Recharge
- Check Balance
- About page

2.0 Aim of Project

- To obtain a system that records updates and displays information from the database.

3.0 Course Outcomes Integrated

- Develop python program to demonstrate the use of operators.
- Perform operations on data structures in python.
- Handle Exceptions.

4.0 Code And Output

Main.py

```
from tkinter import *
import os
from PIL import ImageTk

def Explore():
    root4.destroy()
    os.system('python login.py')

root4 = Tk()
root4.geometry("1280x800+150+20")
bg = ImageTk.PhotoImage(file="startup.jpg")
bg_image1 = Label(root4,image=bg).place(x=0, y=0, relwidth=1,
relheight=1)
root4.overridedirect(True)
root4.after(3000,Explore)
root4.mainloop()
```

login.py

```
import mysql.connector
import os
from tkinter import messagebox
from tkinter import*
from PIL import ImageTk

top = Tk()
top.geometry("1490x750+10+10")
top.resizable(0, 0)
top.title("LOGIN PAGE !!")
bg=ImageTk.PhotoImage(file="bg.png")
bg_image=Label(top,image=bg).place(x=0,y=0,width=1490,height=750)
Topframe =
Frame(top,bg='#fff',height=500,width=600).place(x=180,y=180)

def sign():
    top.destroy()
    os.system('python signup.py')

def dashboard():
    top.destroy()
    os.system('python maindashboard.py')
```

```

def clear():
    tb1.delete(0,'end')
    tb2.delete(0,'end')

def login():
    userid = tb1.get()
    passid = tb2.get()

    if userid == "":
        messagebox.showwarning("Warning", "Username Field Should Not
Be Empty")
    else:
        if passid == "":
            messagebox.showwarning("Warning","Password Field Should
Not Be Empty")
        else:
            print(userid, passid)
            clear()
            confirm(userid,passid)

def confirm(userid,passid):
    try:
        db =
mysql.connector.connect(host="localhost",user="root",password="",db="
recharge")
        cursor = db.cursor()
        savequery = "SELECT * FROM login WHERE Username= '" + userid
+ "' AND Password = '" + passid + "'"
        print(savequery)
        try:
            cursor.execute(savequery)
            rows = cursor.fetchall()
            numrows = int(cursor.rowcount)
            print(numrows)
            if numrows == 1:
                messagebox.showinfo("Information","Login
Successful!")
                dashboard()
            else:
                messagebox.showerror("Error", "Invalid Username Or
Password Or Email id Please Retry!")
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        db.close()

a1 = StringVar()

```



```

a2 = StringVar()

t1 = Label(top,text="WELCOME TO ROADSTR PAYMENT SYSTEM
!!",bg='#000',fg='#ffea00',font='Times 40 bold').place(x=150,y=20)

t2 = Label(Topframe,text="LOGIN HERE
!!",bg='#fff',fg='#ff0022',font='Arial 40 bold').place(x=300,y=200)
t5 = Label(Topframe,text="EXISTING USERS ONLY
!!",bg='#fff',fg='#000',font='Times 10 bold').place(x=400,y=270)
t3 = Label(Topframe,text="USERNAME :",bg='#fff',fg='#000',font='Times
25 bold').place(x=225,y=350)
t4 = Label(Topframe,text="PASSWORD :",bg='#fff',fg='#000',font='Times
25 bold').place(x=225,y=450)

tb1 = Entry(font=("Times",20),bg="lightgray")
tb1.place(x=450,y=360,width=250)
tb2 = Entry(font=("Times",20),bg="lightgray",show="*")
tb2.place(x=450,y=450,width=250)

b1 = Button(Topframe,text="LOG-
IN",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=log
in).place(x=250,y=550)
b2 = Button(Topframe,text="SIGN-
UP",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=sig
n).place(x=450,y=550)

top.mainloop()

```

signup.py

```

import mysql.connector
import os
from tkinter import messagebox
from tkinter import *
from tkinter import ttk
from PIL import ImageTk

top = Tk()
top.geometry("1490x750+10+10")
top.resizable(0, 0)
top.title("SIGN PAGE !!")
bg=ImageTk.PhotoImage(file="bg.png")
bg_image=Label(top,image=bg).place(x=0,y=0,width=1490,height=750)
Topframe =

```

```

Frame(top,bg='#fff',height=500,width=1200).place(x=200,y=200)

def redirect():
    top.destroy()
    os.system('python login.py')

def login():
    name = tb1.get()
    gender = cb1.get()
    state = cb.get()
    adress = tb3.get()
    mobile = tb4.get()
    emailid = tb5.get()
    username = tb6.get()
    password = tb7.get()
    print(name, gender, state, adress, mobile, emailid, username,
password)
    if name == "":
        messagebox.showwarning("Warning", "Invalid Name")
    else:
        if gender == "":
            messagebox.showwarning("Warning", "Invalid Gender")
        else:
            if state == "":
                messagebox.showwarning("Warning", "Invalid state")
            else:
                if mobile == "":
                    messagebox.showwarning("Warning", "Invalid
mobile")
                else:
                    if emailid == "":
                        messagebox.showwarning("Warning", "Invalid
Email-ID")
                    else:
                        if username == "":
                            messagebox.showwarning("Warning",
"Invalid Username")
                        else:
                            if password == "":
                                messagebox.showwarning("Warning",
"Invalid Password")
                            else:
                                logintodb(name, gender, state,
adress, mobile, emailid, username, password)

def
logintodb(Name,Gender,States,Address,Mobile,Email,username,password):
    try:

```

```

        db =
mysql.connector.connect(host="localhost",user="root",password="",db="
recharge")
        cursor = db.cursor()
        savequery = "insert into ragister
(Name,Gender,States,Address,Mobile,Email) values (%s,%s,%s,%s,%s,%s)"
        try:

cursor.execute(savequery,(Name,Gender,States,Address,Mobile,Email))
        db.commit()
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)

    try:
        db =
mysql.connector.connect(host="localhost",user="root",password="",db="
recharge")
        cursor = db.cursor()
        savequery = "insert into login (username,password) values
(%s,%s)"
        try:
            cursor.execute(savequery,(username,password))
            db.commit()
            messagebox.showinfo("Information","Entry Added
Successfully! You Are About To Redirect On Login Page!")
            redirect()
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        db.close()

```

```

t11 = Label(top,text="SIGN UP",bg='#000',fg='#ffea00',font='Times 40
bold').place(x=10,y=10)
t1 = Label(Topframe,text="NAME : ",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=275,y=260)
t2 = Label(Topframe,text="GENDER
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=275,y=320)
t3 = Label(Topframe,text="STATES
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=275,y=380)
t4 = Label(Topframe,text="ADDRESS
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=275,y=440)
t5 = Label(Topframe,text="MOBILE NO.
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=275,y=500)
t6 = Label(Topframe,text="EMAIL-ID

```

```

:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=275,y=560)
t7 = Label(Topframe,text="USERNAME
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=850,y=260)
t8 = Label(Topframe,text="PASSWORD
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=850,y=320)

tb1 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb1.place(x=550,y=275,width=250)

tb3 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb3.place(x=550,y=515,width=250)

tb4 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb4.place(x=550,y=445,width=250)

tb5 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb5.place(x=550,y=570,width=250)

tb6 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb6.place(x=1100,y=275,width=250)

tb7 = Entry(Topframe,show="*",font=("Times",20),bg="lightgray")
tb7.place(x=1100,y=325,width=250)

course = ["Uttar
Pradesh","Maharastra","Gujarat","Hyderabad","Karnataka","Andhra
Pradesh","Tamil Nadu","Rajasthan","Kerala","West
Bengal","Delhi","Odisha","Punjab","Jammu Kashmir","Bihar","Madhya
Pradesh","Assam","Telangana","Jharkhand","Haryana","Chhattisgarth","U
ttarakhand","Goa","Himachal Pradesh","Arunachal
Pradesh","Tripura","Nagaland","Meghalay","Mizoram","Sikkim","Manipur"
]
cb = ttk.Combobox(Topframe,values=course,width=38,height=30)
cb.place(x=550,y=390)
cb.current(0)

course1 = ["MALE","FEMALE","OTHER"]
cb1 = ttk.Combobox(Topframe,values=course1,width=38,height=30)
cb1.place(x=550,y=330)
cb1.current(0)

b2 = Button(Topframe,text="SIGN-
UP",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=log
in).place(x=1000,y=425)
top.mainloop()

```

Maindashboard.py

```

from tkinter import *
import os
from PIL import ImageTk
import webbrowser

top = Tk()
top.geometry("1490x750+10+10")
top.resizable(0, 0)
top.title("LOGIN PAGE !!")
bg=ImageTk.PhotoImage(file="bg.png")
bg_image=Label(top,image=bg).place(x=0,y=0,width=1490,height=750)
Topframe =
Frame(top,bg='#fff',height=500,width=800).place(x=280,y=180)

def recharge():
    top.destroy()
    os.system('python recharge.py')

def addmoney():
    top.destroy()
    os.system('python addmoney.py')

def check():
    top.destroy()
    os.system('python checkbalance.py')

def logout():
    top.destroy()
    os.system('python login.py')

def about():
    url = "https://worldofalp.netlify.app/about.html"
    webbrowser.open_new(url)

def exit():
    top.destroy()

t1 = Label(top,text="HOME",bg='#000',fg='#ffea00',font='Times 40
bold').place(x=10,y=10)
b1 =
Button(Topframe,text="RECHARGE",bg="#727eb5",bd=0,font=("Times",30,"b
old"),fg="white",command=recharge).place(x=500,y=300)
b2 = Button(Topframe,text="CHECK
BALANCE",bg="#727eb5",bd=0,font=("Times",30,"bold"),fg="white",comman
d=check).place(x=500,y=400)
b3 = Button(Topframe,text="ADD
MONEY..",bg="#727eb5",bd=0,font=("Times",30,"bold"),fg="white",comman

```

```

d=addmoney).place(x=500,y=500)
b4 =
Button(Topframe,text="EXIT",bg="#727eb5",bd=0,font=("Times",20,"bold"
),fg="white",command=exit).place(x=770,y=650)
b5 =
Button(Topframe,text="ABOUT",bg="#727eb5",bd=0,font=("Times",20,"bold
"),fg="white",command=about).place(x=300,y=650)
b6 =
Button(Topframe,text="LOG_OUT",bg="#727eb5",bd=0,font=("Times",20,"bo
ld"),fg="white",command=logout).place(x=900,y=650)

top.mainloop()

```

recharge.py

```

import mysql.connector
import os
from tkinter import messagebox
from tkinter import *
from tkinter import ttk
from PIL import ImageTk
from datetime import *

top = Tk()
top.geometry("1490x750+10+10")
top.resizable(0, 0)
top.title("RECHARGE HERE !!")
bg=ImageTk.PhotoImage(file="bg.png")
bg_image=Label(top,image=bg).place(x=0,y=0,width=1490,height=750)
Topframe =
Frame(top,bg='#fff',height=500,width=800).place(x=280,y=200)

def clear():
    tb3.delete(0, 'end')
    tb5.delete(0, 'end')

def dashboard():
    top.destroy()
    os.system('python maindashboard.py')

def login():
    today = date.today()
    now = datetime.now()
    T_time = now.strftime("%H:%M:%S")
    T_date = today.strftime("%d/%m/%Y")

```

```

        service_provider = cb.get()
        plan = cb1.get()
        A = tb5.get()
        mobNo = tb3.get()
        print(T_time,T_date,service_provider,A,plan,mobNo)
        confirm(T_time,T_date,service_provider,A,plan,mobNo)

def confirm(T_time,T_date,service_provider,A,plan,mobNo):
    try:
        db =
mysql.connector.connect(host="localhost",user="root",password="",db="
recharge")
        cursor = db.cursor()
        savequery = "SELECT Amount FROM finalpay WHERE Mobile_No =
'" + mobNo + "'"
        print(savequery)
        try:
            cursor.execute(savequery)
            rows = cursor.fetchone()
            print(rows[0])
            Amount = rows[0]
            numrows = int(cursor.rowcount)
            print(numrows)
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)

    try:
        db =
mysql.connector.connect(host="localhost",user="root",password="",db="
recharge")
        cursor = db.cursor()
        savequery = "UPDATE finalpay SET Transaction_Time='" + T_time
+ "'" + ",Transaction_Date='" + T_date + "'" + ",Service_Provider='"
+ service_provider + "'" + ",Amount=" + "(" + str(Amount) + "-" +
str(A) + ")" + ",Plan='" + plan + "' WHERE Mobile_No='" + mobNo + "'"
        print(savequery)
        try:
            cursor.execute(savequery)
            db.commit()
            numrows = int(cursor.rowcount)
            print(numrows)
            if numrows == 1:
                messagebox.showinfo("Information","Recharge
Successful!!")
                clear()
                dashboard()
            else:
                messagebox.showerror("Error", "Something went wrong")

```

```

        clear()
    except mysql.connector.Error as e:
        messagebox.showinfo("Error",e)
        clear()
except mysql.connector.Error as e:
    messagebox.showinfo("Error",e)
    clear()
db.close()

t11 = Label(top,text="RECHARGE",bg='#000',fg='#ffea00',font='Times 40
bold').place(x=10,y=10)
t1 = Label(Topframe,text="TRANSACTION DATE
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=260)
t2 = Label(Topframe,text="TRANSACTION TIME
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=320)
t3 = Label(Topframe,text="MOBILE NO
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=380)
t4 = Label(Topframe,text="SERVICE PROVIDER
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=440)
t5 = Label(Topframe,text="PLAN :",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=325,y=500)
t6 = Label(Topframe,text="AMOUNT
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=560)

t7 = Label(Topframe,text="AUTO-
GENERATED",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=700,y=260)
t8 = Label(Topframe,text="AUTO-
GENERATED",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=700,y=320)
tb3 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb3.place(x=700,y=385,width=250)
tb5 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb5.place(x=700,y=570,width=250)

course = ["Jio","Idea","Vodafone","Airtel","Bsnl","Uninor","Telinor"]
cb = ttk.Combobox(Topframe,values=course,width=38,height=30)
cb.place(x=700,y=455)
cb.current(0)

course1 = ["PostPaid","PrePaid"]
cb1 = ttk.Combobox(Topframe,values=course1,width=38,height=30)
cb1.place(x=700,y=515)
cb1.current(0)

b2 =
Button(Topframe,text="RECHARGE",bg="#727eb5",bd=0,font=("Times",20,"b
old"),fg="white",command=login).place(x=500,y=625)
b5 = Button(Topframe,text="BACK TO

```



```
HOME",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=d  
ashboard).place(x=700,y=625)  
  
top.mainloop()
```

addmoney.py

```
import mysql.connector  
import os  
from tkinter import messagebox  
from tkinter import*  
from tkinter import ttk  
from PIL import ImageTk  
  
top = Tk()  
top.geometry("1490x750+10+10")  
top.resizable(0, 0)  
top.title("LOGIN PAGE !!")  
bg=ImageTk.PhotoImage(file="bg.png")  
bg_image=Label(top,image=bg).place(x=0,y=0,width=1490,height=750)  
Topframe =  
Frame(top,bg='#fff',height=500,width=800).place(x=280,y=200)  
  
def redirect():  
    top.destroy()  
    os.system('python maindashboard.py')  
  
def login():  
    Mobile_No = tb1.get()  
    card_number = tb2.get()  
    cvv = tb3.get()  
    card_date = tb4.get()  
    type_card = cb1.get()  
    Amount = tb5.get()  
  
    print(Mobile_No,card_number, cvv,card_date,type_card,Amount)  
    logintodb(Mobile_No,card_number, cvv,card_date,type_card,Amount)  
  
def logintodb(Mobile_No,card_number, cvv,card_date,type_card,Amount):  
    try:  
        db =  
mysql.connector.connect(host="localhost",user="root",password="",db="recharge")  
        cursor = db.cursor()
```

```

        savequery = "insert into finalpay
(Mobile_No,card_number, cvv,card_date,type_card,Amount) values
(%s,%s,%s,%s,%s,%s)"
        try:

cursor.execute(savequery,(Mobile_No,card_number, cvv,card_date,type_ca
rd,Amount))
        db.commit()
        messagebox.showinfo("Information","Money Added
Successfully")
        redirect()
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        except mysql.connector.Error as e:
            messagebox.showinfo("Error",e)
        db.close()

```

```

t11 = Label(top,text="ADD MONEY",bg='#000',fg='#ffea00',font='Times
40 bold').place(x=10,y=10)
t1 = Label(Topframe,text="MOBILE
NO.:",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=325,y=260)
t2 = Label(Topframe,text="CARD NO
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=320)
t3 = Label(Topframe,text="CVV :",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=325,y=380)
t4 = Label(Topframe,text="CARD DATE
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=440)
t5 = Label(Topframe,text="CARD NAME
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=500)
t6 = Label(Topframe,text="AMOUNT
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=560)

```

```

tb1 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb1.place(x=650,y=275,width=250)
tb2 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb2.place(x=650,y=330,width=250)
tb3 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb3.place(x=650,y=385,width=250)
tb4 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb4.place(x=650,y=445,width=250)
tb5 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb5.place(x=650,y=570,width=250)

```

```

course1 = ["Visa","Chase Freedom","Citi Cash Card","Mastercard","Bank
of America","Citi Simplicity","Citibank","American Express"," Capital
One"]
cb1 = ttk.Combobox(Topframe,values=course1,width=38,height=50)

```

```

cb1.place(x=650,y=515)
cb1.current(0)

b2 = Button(Topframe,text="ADD
MONEY",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=
login).place(x=500,y=625)
b5 = Button(Topframe,text="BACK TO
HOME",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=r
edirect).place(x=700,y=625)

top.mainloop()

```

checkbalance.py

```

import mysql.connector
import os
from tkinter import messagebox
from tkinter import *
from PIL import ImageTk

top = Tk()
top.geometry("1490x750+10+10")
top.resizable(0, 0)
top.title("LOGIN PAGE !!")
bg=ImageTk.PhotoImage(file="bg.png")
bg_image=Label(top,image=bg).place(x=0,y=0,width=1490,height=750)
Topframe =
Frame(top,bg=' #fff',height=500,width=800).place(x=280,y=200)

def dashboard():
    top.destroy()
    os.system('python maindashboard.py')

def login():
    mobNo = tb1.get()
    if (mobNo == ""):
        messagebox.showerror("Error","Invalid Mobile Number")
    print(mobNo)
    confirm(mobNo)

def confirm(mobNo):
    try:

```

```

        db = mysql.connector.connect(host="localhost", user="root",
password="", db="recharge")
        cursor = db.cursor()
        savequery = "SELECT * FROM finalpay WHERE Mobile_No = '" +
mobNo + "'"
        print(savequery)
        try:
            cursor.execute(savequery)
            rows = cursor.fetchone()
            print(rows)
            numrows = int(cursor.rowcount)
            print(numrows)
            t8.config(text=rows[0])
            t9.config(text=rows[1])
            t10.config(text=rows[2])
            t12.config(text=rows[3])
            t13.config(text=rows[5])
            t14.config(text=rows[4])
            if numrows == 1:
                messagebox.showinfo("Information", "DATA RETRIEVED
!!")
            else:
                messagebox.showerror("Error", "Invalid Input")
        except mysql.connector.Error as e:
            messagebox.showinfo("Error", e)
    except mysql.connector.Error as e:
        messagebox.showinfo("Error", e)
    db.close()

```

```

t11 = Label(top,text="CHECK
BALANCE",bg='#000',fg='#ffea00',font='Times 40
bold').place(x=10,y=10)
t1 = Label(Topframe,text="TRANSACTION DATE
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=340)
t2 = Label(Topframe,text="TRANSACTION TIME
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=400)
t3 = Label(Topframe,text="MOBILE NO
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=460)
t4 = Label(Topframe,text="SERVICE PROVIDER
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=520)
t5 = Label(Topframe,text="PLAN :",bg='#fff',fg='#000',font=("Times",
25,"bold")).place(x=325,y=580)
t6 = Label(Topframe,text="AMOUNT
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=640)
t7 = Label(Topframe,text="MOBILE NO.
:",bg='#fff',fg='#000',font=("Times", 25,"bold")).place(x=325,y=260)

```

```

t8 = Label(Topframe,text="-",bg='#fff',fg='#000',font=("Times",

```

```
25,"bold"))
t8.place(x=725,y=340)

t9 = Label(Topframe,text="-",bg='ffff',fg='#000',font=("Times",
25,"bold"))
t9.place(x=725,y=400)

t10 = Label(Topframe,text="-",bg='ffff',fg='#000',font=("Times",
25,"bold"))
t10.place(x=725,y=460)

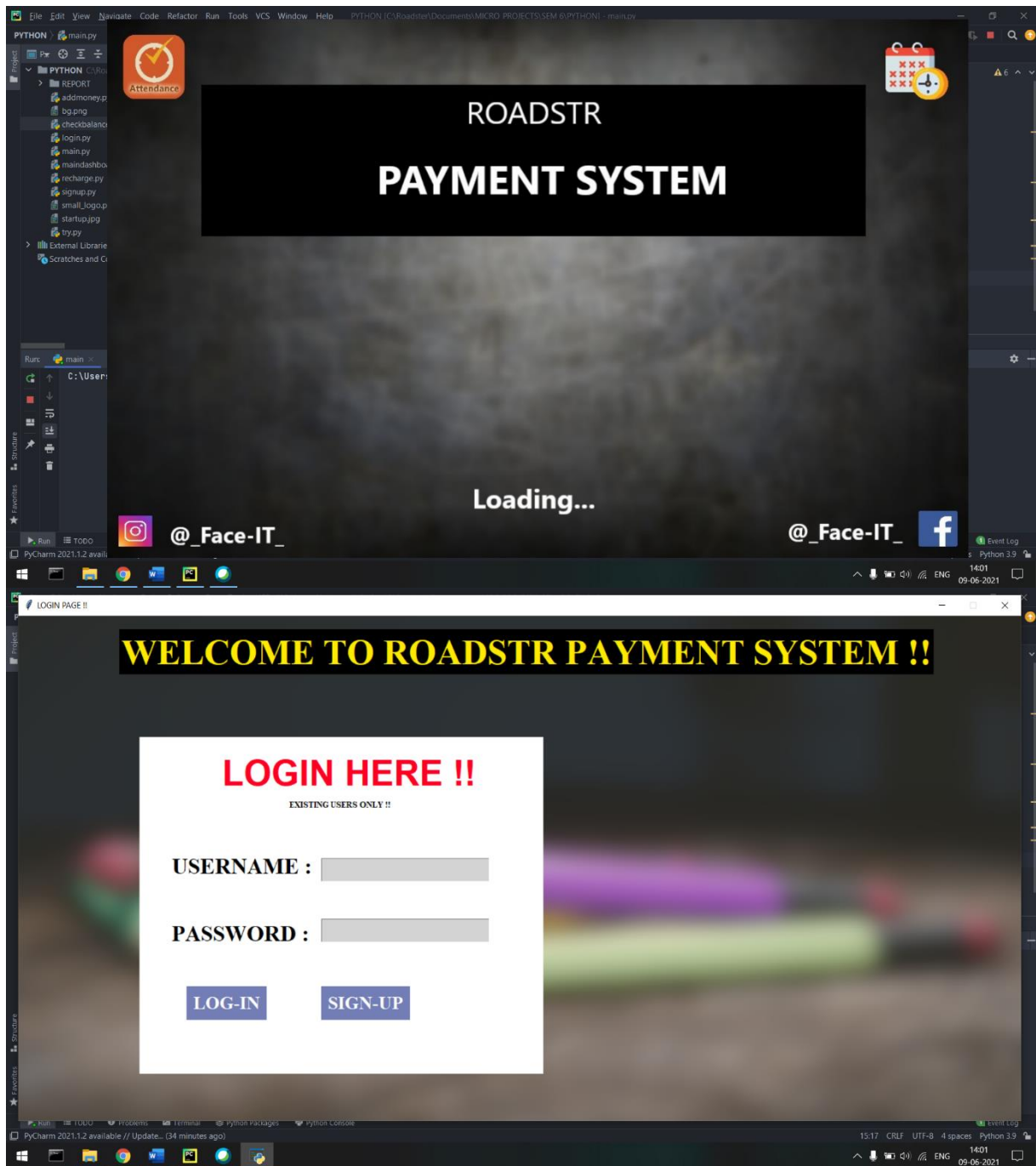
t12 = Label(Topframe,text="-",bg='ffff',fg='#000',font=("Times",
25,"bold"))
t12.place(x=725,y=520)

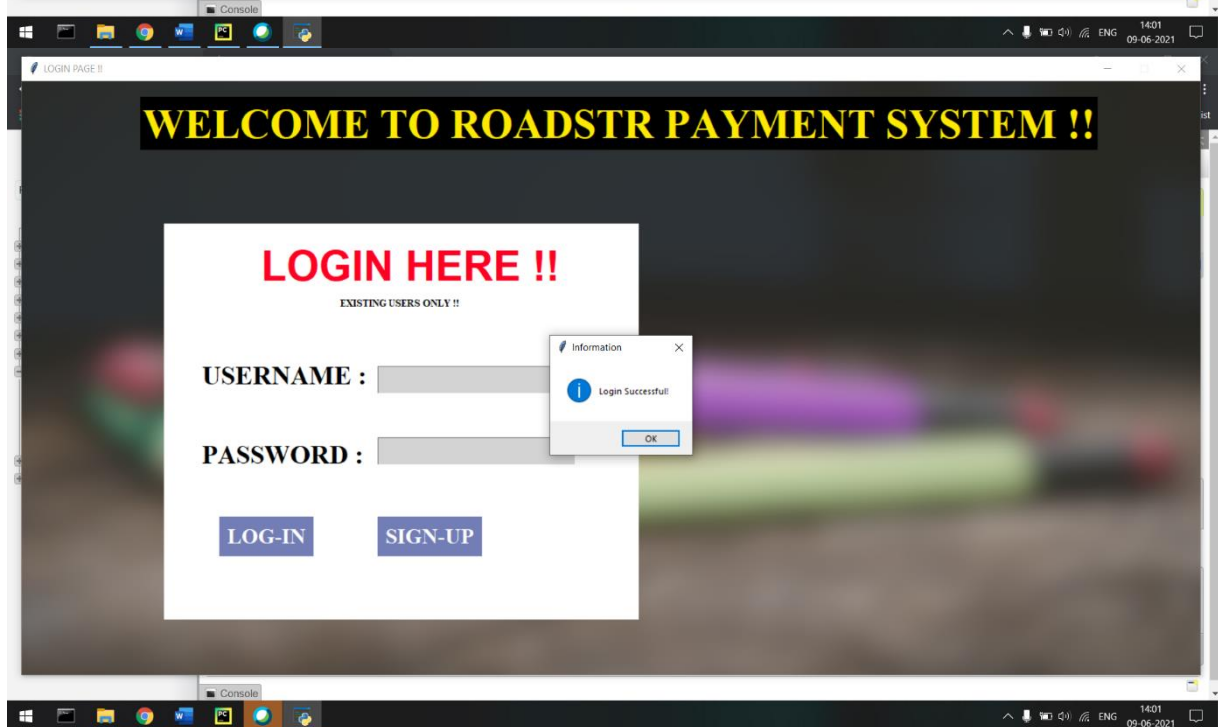
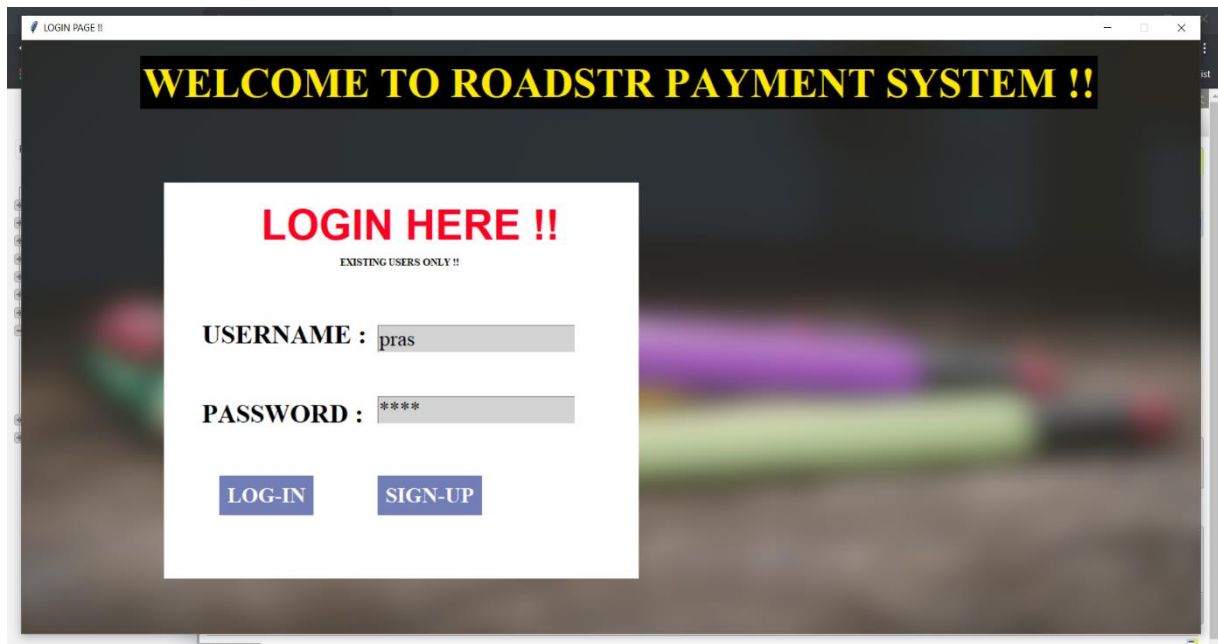
t13 = Label(Topframe,text="-",bg='ffff',fg='#000',font=("Times",
25,"bold"))
t13.place(x=725,y=580)

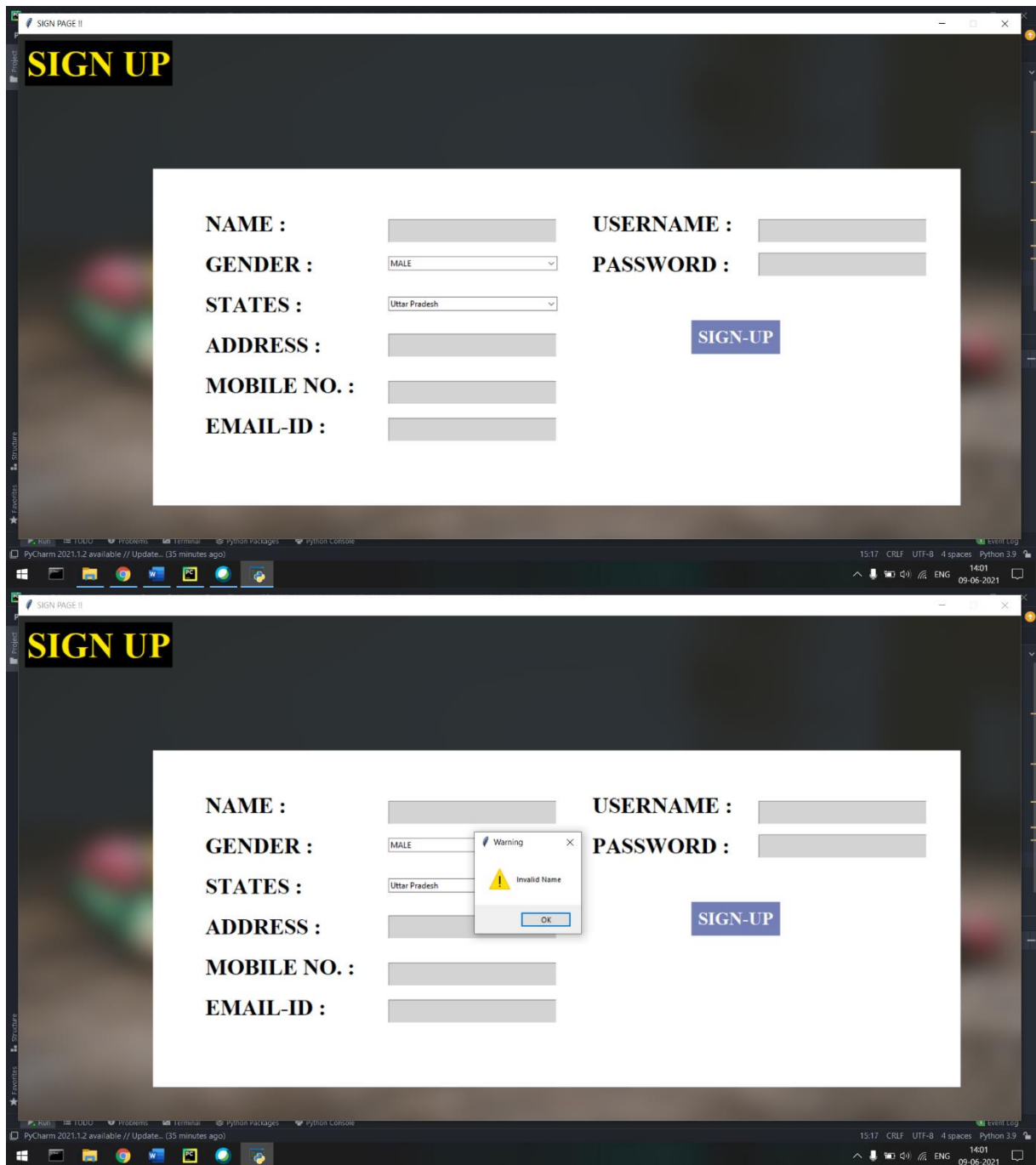
t14 = Label(Topframe,text="-",bg='ffff',fg='#000',font=("Times",
25,"bold"))
t14.place(x=725,y=640)

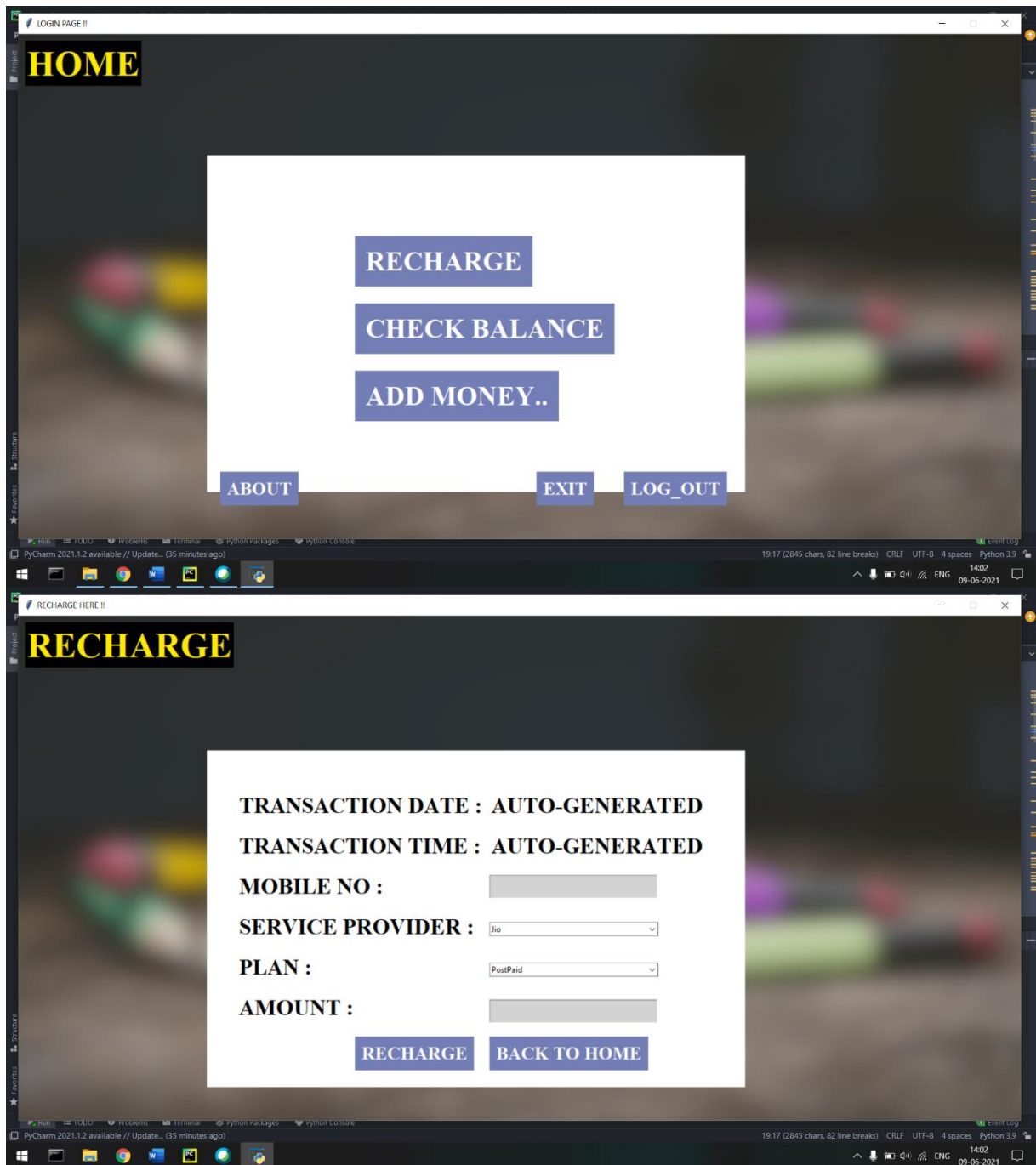
tb1 = Entry(Topframe,font=("Times",20),bg="lightgray")
tb1.place(x=590,y=265,width=250)
b1 =
Button(Topframe,text="CHECK",bg="#727eb5",bd=0,font=("Times",20,"bold
"),fg="white",command=login).place(x=900,y=250)
b2 = Button(Topframe,text="BACK TO
HOME",bg="#727eb5",bd=0,font=("Times",20,"bold"),fg="white",command=d
ashboard).place(x=400,y=690)

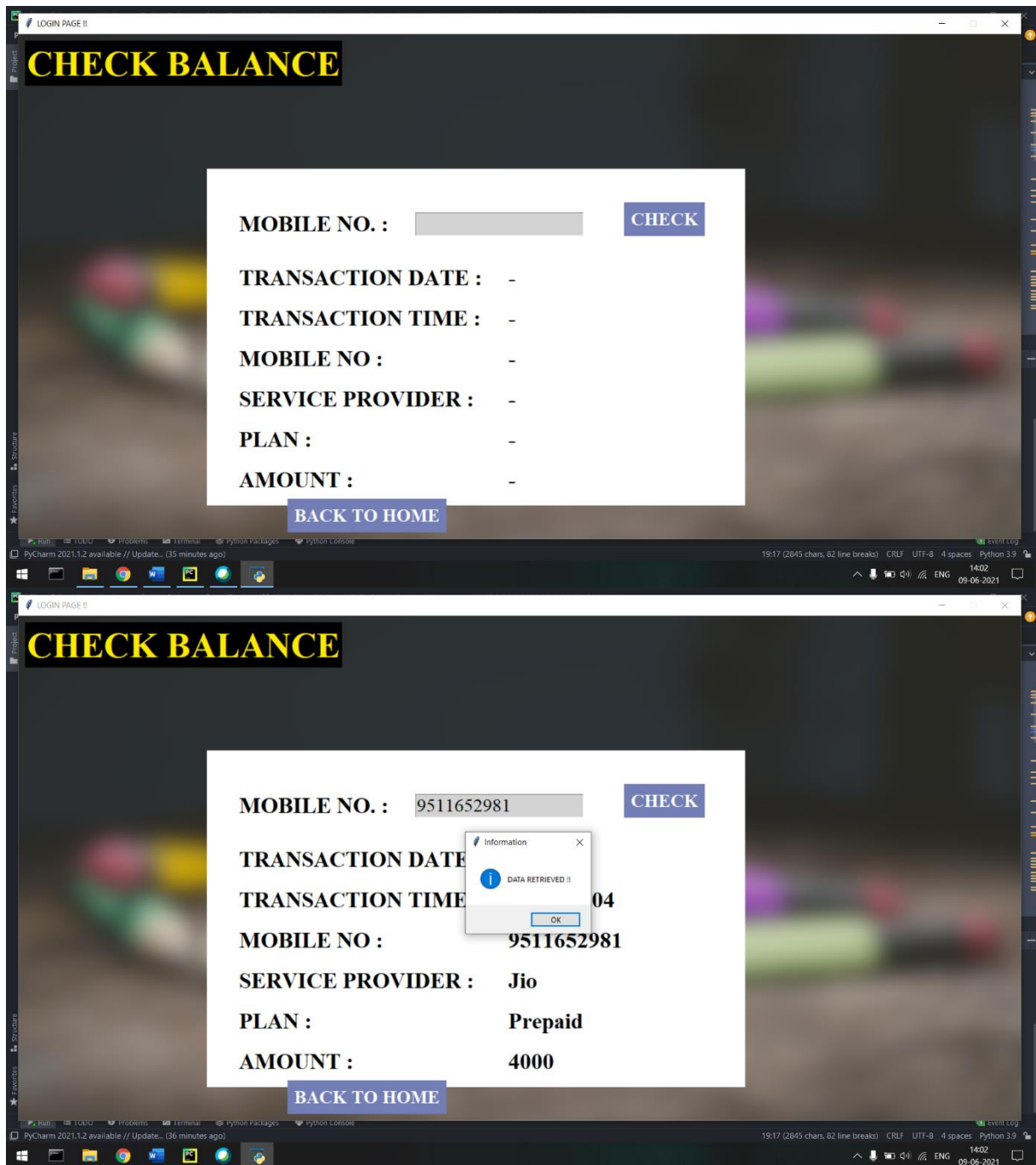
top.mainloop()
```

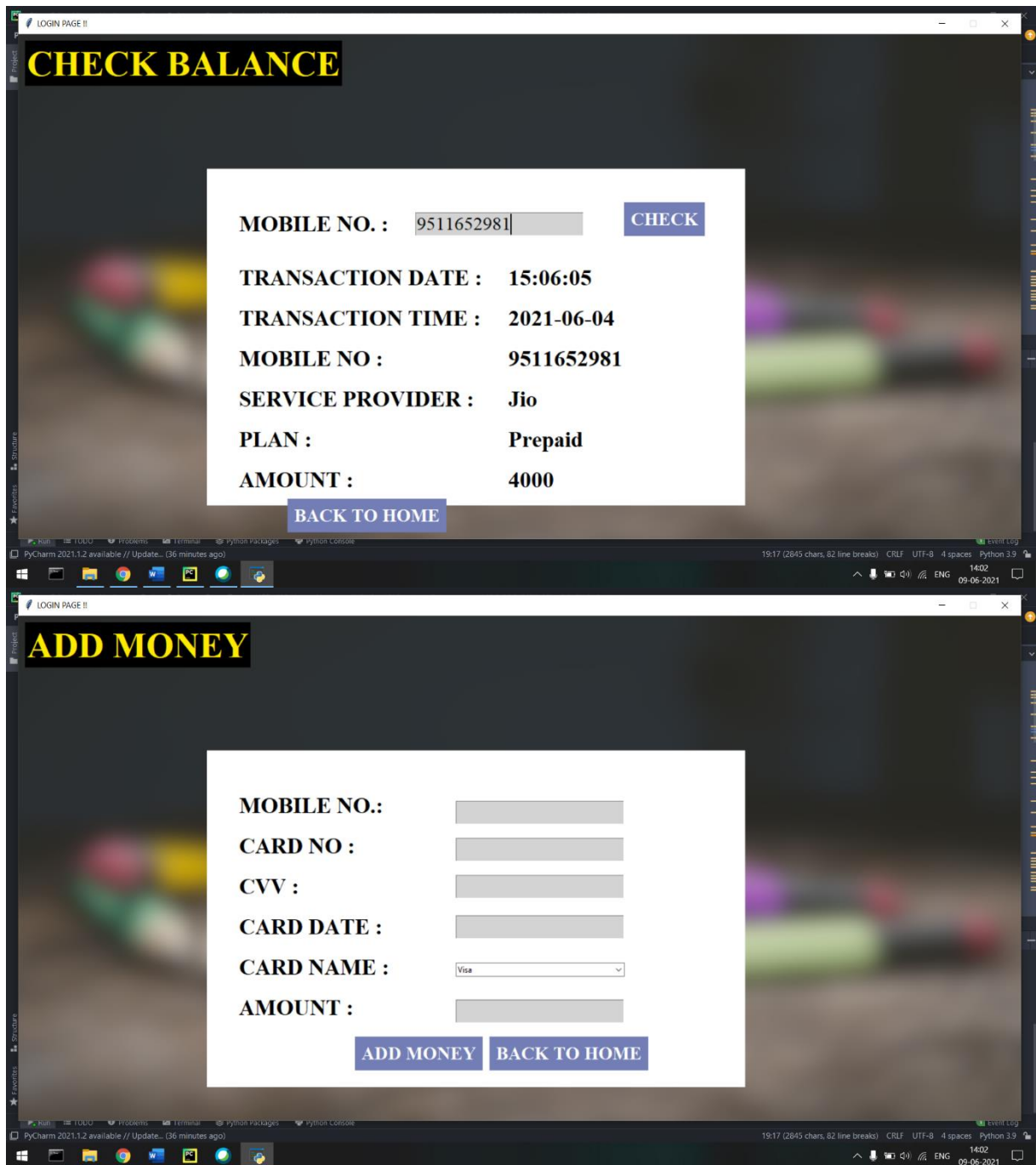












5.0 Skills Developed :-

- Learnt to develop python programs to demonstrate operators
- Learnt to handle exception
- Learnt to perform operations on data structures.

Micro-Project Evaluation Sheet

Roll No.	Student Name	Enrollment Number	Process Assessment		Product Assessment		Total Marks (10)
			Part AProject Proposal (2)	Project Method ology (2)	Part BProject report/ Working model(2)	Individual Presentatio n/Viva (4)	
37	Prasad Labade	1801480270					

Comments/Suggestion about teamwork/Leadership/interpersonal communication (if any):

Any other comments:

Name of the Faculty Member
Prof.Mrs.J.P.Khurpade

Signature