	DEPARTMENT OF COMPUTER ENGINEERING
	Mini Project Report

Semester	S.E. Semester IV – Computer Engineering
Subject	Skill Base Lab Course: Python Programming (CSL405)
Subject Professor In-charge	Prof. Swapnil S. Sonawane
Assisting Teachers	Prof. Swapnil S. Sonawane

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Name of the Project:

 RythmicChillz: Music Player

Project Description:

INTRODUCTION:

→ In our daily life, we see every person has a hobby and that is listening to music. So, in order to listen to music, they all need a Music player (hardware or software) where they can play their favorite songs. And we have to install this music player on our computer, based on the Operating system i.e., Windows, Macintosh, Android, Linux, etc. Then we can listen to our favorite songs.

→ **Problem Statement:** To create a music player having two options i.e., music as well as podcasts. Here, the user would be required to create an account on this app, only

after which he/she can login into the app. He/she can either listen to a music or a podcast (with different categories).

Note: - These music/podcasts can be played on his/her m/c iff these files are pe-downloaded on his/her m/c(s) respectively.

Libraries used for Music Player Project:

1. **Tkinter:**

→ The Tkinter library is most popular and very easy to use and it comes with many widgets (these widgets help in the creation of nice-looking GUI Applications). Also, Tkinter is a very light-weight module and it is helpful in creating cross-platform applications (so the same code can easily work on **Windows**, **macOS**, and **Linux).**

2. **Pygame:**

→ Pygame is a Python module that works with computer graphics and sound libraries and is designed with the power of playing with different multimedia formats like audio, video, etc. While creating our Music Player application, we will be using Pygame's mixer.music module for providing different functionality to our music player application that is usually related to the manipulation of the song tracks.

3. **OS**:

→ There is no need to install this module explicitly, as it comes with the standard library of Python. This module provides different functions for interaction with the Operating System. In this tutorial, we are going to use the OS module for **fetching the playlist of songs from the specified directory** and make it available to the music player application.

→Thus, we have successfully created python mp3 music player, now we don't have to rely on any other app.

→ Through this python project we learned a lot of things about python and its libraries, the first one being the Tkinter library, a widely-used GUI library and various widgets that it offers, then the important mixer module of the Pygame library which is used to manipulate the music.

Project Code:

1. Login Page:

```
from email import message
from tkinter import *
from MySQLdb import *
from tkinter import messagebox
```

```python
login1=Tk()
login1.title("Login_Screen")
login1.geometry("1199x600+100+50")
#-----BG Image------
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\bg.png")
bg_image=Label(login1,image=bg).place(x=0,y=0,relwidth=1,relheight=1
)
#----Login Frame----
frame_login=Frame(login1,bg="white")
frame_login.place(x=350,y=40,height=327,width=500)
title=Label(frame_login,text="Login Here",font='Impact 35
bold',fg="#3B4B64",bg="white").place(x=130,y=20)
label=Label(frame_login,text="Don't have account?",font=("Goudy old
style",15,"bold"),fg="#d25d17",bg="white").place(x=110,y=75)

lbl_user=Label(frame_login,text="Username",font=("Goudy old
style",15,"bold"),fg="#3B4B64",bg="white").place(x=60,y=110)
txt_user=Entry(frame_login,font=("times new
roman",15),bg="lightgray")
txt_user.place(x=70,y=140,width=350,height=35)

lbl_pass=Label(frame_login,text="Password",font=("Goudy old
style",15,"bold"),fg="#3B4B64",bg="white").place(x=60,y=190)
txt_pass=Entry(frame_login,font=("times new
roman",15),bg="lightgray")
txt_pass.config(show='*')
txt_pass.place(x=70,y=220,width=350,height=35)
def eye1():
    txt_pass.config(show='')
eye=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\view.png")
b=Button(frame_login,image=eye,command=eye1,bd=0,bg='white').place(x
=440,y=210)
#Checking Credentials
def check():
    c=connect('localhost','root','Bappamorya@1133','sbl_mp')
    mycursor=c.cursor()
    uname=txt_user.get()
    pas=txt_pass.get()
    sql='select * from signup where Username = %s and Password = %s'
    mycursor.execute(sql,[uname,pas])
    row=mycursor.fetchall()
    if  uname=='' and pas=='':
```

```python
        messagebox.showwarning("Warning","Kindly enter all the
fields")
    elif row:
        messagebox.showinfo("Congratulations","Login Successful!")
        login1.destroy()
        import loadingPage
    elif uname=='' or pas=='':
        messagebox.showwarning("Warning","Kindly enter all the
fields")
    else:
        messagebox.showerror("Error","Invalid Username or Password")
    c.commit()
    c.close()

#Forgot Password Window
def forgotpass():
    login1.destroy()
    fpass=Tk()
    fpass.title("Forgot Passoword")
    fpass.geometry("1199x600+100+50")
    #-----BG Image------
    bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\bg.png")
    bg_image=Label(fpass,image=bg).place(x=0,y=0,relwidth=1,relheigh
t=1)
    #----Login Frame----
    frame_fpass=Frame(fpass,bg="white")
    frame_fpass.place(x=350,y=40,height=327,width=500)
    title=Label(frame_fpass,text="New Credentials",font='Impact 35
bold',fg="#3B4B64",bg="white").place(x=120,y=20)
    desc=Label(frame_fpass,text="Enter new credentials
here",font=("Goudy old
style",15,"bold"),fg="#d25d17",bg="white").place(x=150,y=80)

    lbl_user1=Label(frame_fpass,text="Your Username",font=("Goudy
old style",15,"bold"),fg="#3B4B64",bg="white").place(x=60,y=110)
    txt_user1=Entry(frame_fpass,font=("times new
roman",15),bg="lightgray")
    txt_user1.place(x=70,y=140,width=350,height=35)

    lbl_pass1=Label(frame_fpass,text="New Password",font=("Goudy old
style",15,"bold"),fg="#3B4B64",bg="white").place(x=60,y=190)
    txt_pass1=Entry(frame_fpass,font=("times new
roman",15),bg="lightgray")
    txt_pass1.config(show='*')
    txt_pass1.place(x=70,y=220,width=350,height=35)
```

```python
    #Updatig credentials
    def newcred():
        c=connect('localhost','root','Bappamorya@1133','sbl_mp')
        mycursor=c.cursor()
        uname=txt_user1.get()
        query="select * from signup where Username=%s"
        mycursor.execute(query,[uname])
        result=mycursor.fetchall()
        if not result:
            messagebox.showerror("Error","User doesn't exist...")
        else:
            messagebox.showinfo("Info","User verified...")
            npas=txt_pass1.get()
            if npas=='':
                messagebox.showerror("Error","Please enter
password...")
            else:
                sql="update signup set Password=%s where
Username=%s"
                mycursor.execute(sql,[npas,uname])
                messagebox.showinfo("Success","Password
Ressetted...")
                messagebox.showinfo("Info","Let's Login...")
                fpass.destroy()
                import Login
        c.commit()
        c.close()
    submit_btn=Button(fpass,text="Submit",fg="White",bg="#d77337",fo
nt=("times new
roman",20,"bold"),command=newcred).place(x=530,y=320,width=180,heigh
t=40)
    fpass.mainloop()

forgotpass=Button(frame_login,text="Forgot
Password?",bg="white",fg="#d77337",bd=0,font=("times new
roman",12,'italic'),command=forgotpass).place(x=55,y=260)
def signup_window():
    login1.destroy()
    import SignUp
signup_btn=Button(frame_login,text="Sign
in",command=signup_window,font=("Goudy old
style",15,"bold"),bd=0,fg="#3B4B64",bg="white").place(x=280,y=72)
login_btn=Button(login1,text="Login",fg="White",bg="#d77337",font=("
times new
roman",20,"bold"),command=check).place(x=510,y=340,width=180,height=
40)
login1.mainloop()
```

2. Sign Up Page:

```python
from tkinter import *
from email import message
from MySQLdb import *
from tkinter import messagebox
signup=Tk()
signup.title("Signup Screen")
signup.geometry("1199x600+100+50")

#-----BG Image------
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\bg.png")
bg_image=Label(signup,image=bg).place(x=0,y=0,relwidth=1,relheight=1
)

#----signup Frame----
frame_signup=Frame(signup,bg="white")
frame_signup.place(x=350,y=20,height=370,width=500)
title=Label(frame_signup,text="Sign
Up",font=("Impact",35,"bold"),fg="#3B4B64",bg="white").place(x=170,y
=5)
label=Label(frame_signup,text="Already have an
account?",font=("Goudy old
style",15,"bold"),fg="#d25d17",bg="white").place(x=90,y=70)

lbl_user=Label(frame_signup,text="Username",font=("Goudy old
style",15,"bold"),fg="#3B4B64",bg="white").place(x=60,y=100)
txt_user=Entry(frame_signup,font=("times new
roman",15),bg="lightgray")
txt_user.place(x=70,y=130,width=350,height=35)

lbl_pass=Label(frame_signup,text="Password",font=("Goudy old
style",15,"bold"),fg="#3B4B64",bg="white").place(x=60,y=180)
txt_pass=Entry(frame_signup,font=("times new
roman",15),bg="lightgray")
txt_pass.config(show='*')
txt_pass.place(x=70,y=210,width=350,height=35)

lbl_name=Label(frame_signup,text="Enter your Name",font=("Goudy old
style",15,"bold"),fg="#d25d17",bg="white").place(x=60,y=260)
txt_name=Entry(frame_signup,font=("times new
roman",15),bg="#3B4B64",fg="white")
txt_name.place(x=70,y=290,width=350,height=35)
def eye1():
    txt_pass.config(show='')
```

```python
eye=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\view.png")
b=Button(frame_signup,image=eye,command=eye1,bd=0,bg='white').place(
x=440,y=200)
#Checking Credentials
def add():
    c=connect('localhost','root','Bappamorya@1133','sbl_mp')
    mycursor=c.cursor()
    uname=txt_user.get()
    pas=txt_pass.get()
    name=txt_name.get()
    sql='insert into signup VALUES (%s,%s,%s)'
    mycursor.execute(sql,[uname,pas,name])
    messagebox.showinfo("Welcome","You are successfully signed
in!!")
    c.commit()
    c.close()
    messagebox.showinfo("Info","Let's Login...")
    signup.destroy()
    import Login
#forget=Button(frame_signup,text="Forget
Password?",bg="white",fg="#d77337",bd=0,font=("times new
roman",12)).place(x=60,y=260)
signup_btn=Button(signup,text="Sign
Up",fg="White",bg="#d77337",font=("times new
roman",20,"bold"),command=add).place(x=510,y=370,width=180,height=40
)
def loginn_window():
    signup.destroy()
    import Login
signin_btn=Button(frame_signup,text="Sign
in",command=loginn_window,font=("Goudy old
style",15,"bold"),bd=0,fg="#3B4B64",bg="white").place(x=310,y=67)
signup.mainloop()
```

3. Loading Page:

```python
from tkinter import ttk
from tkinter.ttk import Progressbar
from tkinter import *

w=Tk()

width_of_window = 427
height_of_window = 250
screen_width = w.winfo_screenwidth()
screen_height = w.winfo_screenheight()
```

```python
x_coordinate = (screen_width/2)-(width_of_window/2)
y_coordinate = (screen_height/2)-(height_of_window/2)
w.geometry("%dx%d+%d+%d"
%(width_of_window,height_of_window,x_coordinate,y_coordinate))

w.overrideredirect(1)

s = ttk.Style()
s.theme_use('clam')
s.configure("red.Horizontal.TProgressbar", foreground='red',
background='#D77337')
progress=Progressbar(w,style="red.Horizontal.TProgressbar",orient=HO
RIZONTAL,length=500,mode='determinate',)

def bar():

    l4=Label(w,text='Loading...',fg='white',bg=a)
    lst4=('Calibri (Body)',10)
    l4.config(font=lst4)
    l4.place(x=18,y=210)

    import time
    r=0
    for i in range(100):
        progress['value']=r
        w.update_idletasks()
        time.sleep(0.04)
        r=r+1

    w.destroy()
    import Welcome

progress.place(x=-10,y=235)

'''

def rgb(r):
    return "#%02x%02x%02x" % r
#Frame(w,width=432,height=241,bg=rgb((100,100,100))).
'''
a='#29374B'
Frame(w,width=427,height=241,bg=a).place(x=0,y=0)   #249794
b1=Button(w,width=10,height=1,text='Get
Started',font=('Calibiri',12),command=bar,border=0,fg='#D77337',bg='
white')
b1.place(x=170,y=200)
```

```
######## Label #########

l1=Label(w,text='Rythmic Chillz',fg='white',bg=a)
lst1=('Calibri (Body)',18,'bold')
l1.config(font=lst1)
l1.place(x=50,y=80)

# l2=Label(w,text='Welcomes',fg='white',bg=a)
# lst2=('Calibri (Body)',18)
# l2.config(font=lst2)
# l2.place(x=155,y=82)

l3=Label(w,text='WelcomesYou!',fg='white',bg=a)
lst3=('Calibri (Body)',13)
l3.config(font=lst3)
l3.place(x=50,y=110)

w.mainloop()
```

4. Welcome Page:

```
from tkinter import *
from email import message
# from MySQLdb import *
from tkinter import messagebox
welcome=Tk()
welcome.title("Welcome Screen")
welcome.geometry("1199x600+100+50")
#-----BG Image------
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Welcome_final.png")
bg_image=Label(welcome,image=bg).place(x=0,y=0,relwidth=1,relheight=
1)
label=Label(welcome,text="Welcome to
RhythmicChillz!",font=("Impact",35),fg="#d77337",bg="#3B4B64").place
(x=90,y=70)
#----Buttons--------
def music():
    welcome.destroy()
    import MusicPlayer
def podcast():
    welcome.destroy()
    import Podcast
btn_music=Button(welcome,text="Music",bg="#d77337",fg="white",font=(
"times new
```

```
roman",20,"bold"),command=music).place(x=750,y=240,width=180,height=
40)
btn_podcast=Button(welcome,text="Podcast",bg="#d77337",fg="white",fo
nt=("times new
roman",20,"bold"),command=podcast).place(x=750,y=300,width=180,heigh
t=40)
welcome.mainloop()
```

5. Music:

```python
from tkinter import *
import tkinter as tk
from tkinter import ttk, filedialog
from pygame import mixer
import os

root=Tk()
root.title("Music Player")
root.geometry("1199x600+100+50")
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Music_Final.png")
bg_image=Label(root,image=bg).place(x=0,y=0,relwidth=1,relheight=1)
root.resizable(False,False)

mixer.init()

def open_folder():
    path=filedialog.askdirectory()
    if path:
        os.chdir(path)
        songs=os.listdir(path)
        for song in songs:
            if song.endswith(".mp3"):
                playlist.insert(END,song)

def play_song():
    music_name=playlist.get(ACTIVE)
    mixer.music.load(playlist.get(ACTIVE))
    mixer.music.play()
    music.config(text=music_name[0:-4])

#icon
image_icon=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\logo.png")
```

```python
root.iconphoto(False,image_icon)

#=PhotoImage(file="C:\\Users\\Snehal\\Downloads\\Python mini
project\\images\\top.png")
#Label(root,image=Top, bg="#0f1a2b").pack()

#Logo
#Logo=PhotoImage(file="C:\\Users\\Snehal\\Downloads\\Python mini
project\\images\\logo.png")
#Label(root,image=Logo, bg="#0f1a2b").place(x=65,y=115)
#Label
btn_container=Label(root,text="",font=("times new
roman",15),fg="white",bg="Black",bd=2).place(x=250,y=180,width=300,h
eight=250)

#button
play_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\play.png")
Button(root,image=play_button,bg="black",bd=0,command=play_song).pla
ce(x=350,y=200)

stop_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\stop.png")
Button(root,image=stop_button,bg="black",bd=0,command=mixer.music.st
op).place(x=280,y=300)

resume_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\resume.png")
Button(root,image=resume_button,bg="black",bd=0,command=mixer.music.
unpause).place(x=365,y=300)

pause_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\pause.png")
Button(root,image=pause_button,bg="black",bd=0,command=mixer.music.p
ause).place(x=450,y=300)

#label
music=Label(root,text="",font=("arial",15),fg="white",bg="#7C8EAD")
music.place(x=382,y=450,anchor="center")

#music
```

```python
Menu=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\menu.png")
Label(root,image=Menu,bg="#29374B").pack(padx=10,pady=50,side=RIGHT)

music_frame= Frame(root,bd=2,relief=RIDGE)
music_frame.place(x=615,y=205,width=560,height=250)

Button(root,text="Open Folder",width=15,height=2,font=("Sans
Serif",12,"bold"),fg="white",bg="#D77337",command=open_folder).place
(x=620,y=135)

scroll = Scrollbar(music_frame)
playlist=Listbox(music_frame,width=100,font=("Sans
Serif",15),bg="#29374B",fg="white",selectbackground="#7C8EAD",cursor
="hand2",bd=0,yscrollcommand=scroll.set)

scroll.config(command=playlist.yview)
scroll.pack(side=RIGHT,fill=Y)
playlist.pack(side=LEFT,fill=BOTH)

def wlcm_window():
    root.destroy()
    import Welcome
Back=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\previous.png")
back_btn=Button(root,image=Back,fg="white",bg="#29374B",bd=0,command
=wlcm_window).place(x=60,y=450)

root.mainloop()
```

6. Podcast's Category:

```python
from tkinter import *

Podcast=Tk()
Podcast.geometry("1199x600")
Podcast.title("Podcast")
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Podcast resize.png")
bg_image=Label(Podcast,image=bg).place(x=0,y=0)

photo1 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\R&S B.png")
```

```python
btn=Button(Podcast, image = photo1, bd=0).place(x=51,y=169)

def sm_window():
    Podcast.destroy()
    import Podcast_SM
photo2 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\SM B.png")
btn=Button(Podcast, image = photo2,
bd=0,command=sm_window).place(x=51,y=309)

photo3 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\H B.png")
btn=Button(Podcast, image = photo3, bd=0).place(x=51,y=460)

def suc_window():
    Podcast.destroy()
    import Podcast_SC
photo4 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\SUC B.png")
btn=Button(Podcast, image = photo4,
bd=0,command=suc_window).place(x=430,y=169)

photo5 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Art B.png")
btn=Button(Podcast, image = photo5, bd=0).place(x=430,y=309)

def gni_window():
    Podcast.destroy()
    import Podcast_GNI
photo6 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\\GNI B.png")
btn=Button(Podcast, image = photo6,
bd=0,command=gni_window).place(x=430,y=460)

photo7 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Tech B.png")
btn=Button(Podcast, image = photo7, bd=0).place(x=815,y=169)

photo8 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Edu B.png")
```

```
btn=Button(Podcast, image = photo8, bd=0).place(x=814,y=309)

photo9 = PhotoImage(file = "C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Buss B.png")
btn=Button(Podcast, image = photo9, bd=0).place(x=814,y=460)

def wlcm_window():
    Podcast.destroy()
    import Welcome
Back=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\previous.png")
back_btn=Button(Podcast,image=Back,fg="white",bg="#29374B",bd=0,comm
and=wlcm_window).place(x=420,y=25)

Podcast.mainloop()
```

7. Podcast: Good Night India: -

```
from tkinter import *
import tkinter as tk
from tkinter import ttk, filedialog
from pygame import mixer
import os

root=Tk()
root.title("Podcast: Good Night India")
root.geometry("1199x600+100+50")
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Music_Final.png")
bg_image=Label(root,image=bg).place(x=0,y=0,relwidth=1,relheight=1)
root.resizable(False,False)

mixer.init()

def open_folder():
    path="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Podcasts\\Good Night India"
    if path:
        os.chdir(path)
        songs=os.listdir(path)
        for song in songs:
            if song.endswith(".mp3"):
                playlist.insert(END,song)
```

```python
def play_song():
    music_name=playlist.get(ACTIVE)
    mixer.music.load(playlist.get(ACTIVE))
    mixer.music.play()
    music.config(text=music_name[0:-4])

#icon
image_icon=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\logo.png")
root.iconphoto(False,image_icon)

#Label
btn_container=Label(root,text="",font=("times new
roman",15),fg="white",bg="Black",bd=2).place(x=250,y=180,width=300,h
eight=250)

#button
play_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\play.png")
Button(root,image=play_button,bg="black",bd=0,command=play_song).pla
ce(x=350,y=200)

stop_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\stop.png")
Button(root,image=stop_button,bg="black",bd=0,command=mixer.music.st
op).place(x=280,y=300)

resume_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\resume.png")
Button(root,image=resume_button,bg="black",bd=0,command=mixer.music.
unpause).place(x=365,y=300)

pause_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\pause.png")
Button(root,image=pause_button,bg="black",bd=0,command=mixer.music.p
ause).place(x=450,y=300)

#label
music=Label(root,text="",font=("arial",15),fg="white",bg="#7C8EAD")
music.place(x=382,y=450,anchor="center")
```

```
#music
Menu=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\menu.png")
Label(root,image=Menu,bg="#29374B").pack(padx=10,pady=50,side=RIGHT)

music_frame= Frame(root,bd=2,relief=RIDGE)
music_frame.place(x=615,y=205,width=560,height=250)

Button(root,text="Explore Podcast",width=15,height=2,font=("Sans
Serif",12,"bold"),fg="white",bg="#D77337",command=open_folder).place
(x=620,y=135)

scroll = Scrollbar(music_frame)
playlist=Listbox(music_frame,width=100,font=("Sans
Serif",15),bg="#29374B",fg="white",selectbackground="#7C8EAD",cursor
="hand2",bd=0,yscrollcommand=scroll.set)

scroll.config(command=playlist.yview)
scroll.pack(side=RIGHT,fill=Y)
playlist.pack(side=LEFT,fill=BOTH)

def wlcm_window():
    root.destroy()
    import Podcast
Back=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\previous.png")
back_btn=Button(root,image=Back,fg="white",bg="#29374B",bd=0,command
=wlcm_window).place(x=60,y=450)
root.mainloop()
```

8. Podcast: Sandeep Maheshwari: -

```
from tkinter import *
import tkinter as tk
from tkinter import ttk, filedialog
from pygame import mixer
import os

root=Tk()
root.title("Podcast: Sandeep Maheshwari")
root.geometry("1199x600+100+50")
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Music_Final.png")
```

```python
bg_image=Label(root,image=bg).place(x=0,y=0,relwidth=1,relheight=1)
root.resizable(False,False)

mixer.init()

def open_folder():
    path="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Podcasts\\Sandeep Maheshwari"
    if path:
        os.chdir(path)
        songs=os.listdir(path)
        for song in songs:
            if song.endswith(".mp3"):
                playlist.insert(END,song)

def play_song():
    music_name=playlist.get(ACTIVE)
    mixer.music.load(playlist.get(ACTIVE))
    mixer.music.play()
    music.config(text=music_name[0:-4])

#icon
image_icon=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\logo.png")
root.iconphoto(False,image_icon)

#Label
btn_container=Label(root,text="",font=("times new
roman",15),fg="white",bg="Black",bd=2).place(x=250,y=180,width=300,h
eight=250)

#button
play_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\play.png")
Button(root,image=play_button,bg="black",bd=0,command=play_song).pla
ce(x=350,y=200)

stop_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\stop.png")
Button(root,image=stop_button,bg="black",bd=0,command=mixer.music.st
op).place(x=280,y=300)
```

```python
resume_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\resume.png")
Button(root,image=resume_button,bg="black",bd=0,command=mixer.music.
unpause).place(x=365,y=300)

pause_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\pause.png")
Button(root,image=pause_button,bg="black",bd=0,command=mixer.music.p
ause).place(x=450,y=300)

#label
music=Label(root,text="",font=("arial",15),fg="white",bg="#7C8EAD")
music.place(x=382,y=450,anchor="center")

#music
Menu=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\menu.png")
Label(root,image=Menu,bg="#29374B").pack(padx=10,pady=50,side=RIGHT)

music_frame= Frame(root,bd=2,relief=RIDGE)
music_frame.place(x=615,y=205,width=560,height=250)

Button(root,text="Explore Podcast",width=15,height=2,font=("Sans
Serif",12,"bold"),fg="white",bg="#D77337",command=open_folder).place
(x=620,y=135)

scroll = Scrollbar(music_frame)
playlist=Listbox(music_frame,width=100,font=("Sans
Serif",15),bg="#29374B",fg="white",selectbackground="#7C8EAD",cursor
="hand2",bd=0,yscrollcommand=scroll.set)

scroll.config(command=playlist.yview)
scroll.pack(side=RIGHT,fill=Y)
playlist.pack(side=LEFT,fill=BOTH)

def wlcm_window():
    root.destroy()
    import Podcast
Back=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\previous.png")
back_btn=Button(root,image=Back,fg="white",bg="#29374B",bd=0,command
=wlcm_window).place(x=60,y=450)
root.mainloop()
```

9. Podcast: StandUp Comedy: -

```python
from tkinter import *
import tkinter as tk
from tkinter import ttk, filedialog
from pygame import mixer
import os

root=Tk()
root.title("Podcast: StandUp Comedy")
root.geometry("1199x600+100+50")
bg=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\Music_Final.png")
bg_image=Label(root,image=bg).place(x=0,y=0,relwidth=1,relheight=1)
root.resizable(False,False)

mixer.init()

def open_folder():
    path="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Podcasts\\StandUp Comedy"
    if path:
        os.chdir(path)
        songs=os.listdir(path)
        for song in songs:
            if song.endswith(".mp3"):
                playlist.insert(END,song)

def play_song():
    music_name=playlist.get(ACTIVE)
    mixer.music.load(playlist.get(ACTIVE))
    mixer.music.play()
    music.config(text=music_name[0:-4])

#icon
image_icon=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\logo.png")
root.iconphoto(False,image_icon)
```

```python
#Label
btn_container=Label(root,text="",font=("times new
roman",15),fg="white",bg="Black",bd=2).place(x=250,y=180,width=300,h
eight=250)

#button
play_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\play.png")
Button(root,image=play_button,bg="black",bd=0,command=play_song).pla
ce(x=350,y=200)

stop_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\stop.png")
Button(root,image=stop_button,bg="black",bd=0,command=mixer.music.st
op).place(x=280,y=300)

resume_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\resume.png")
Button(root,image=resume_button,bg="black",bd=0,command=mixer.music.
unpause).place(x=365,y=300)

pause_button=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\pause.png")
Button(root,image=pause_button,bg="black",bd=0,command=mixer.music.p
ause).place(x=450,y=300)

#label
music=Label(root,text="",font=("arial",15),fg="white",bg="#7C8EAD")
music.place(x=382,y=450,anchor="center")

#music
Menu=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\menu.png")
Label(root,image=Menu,bg="#29374B").pack(padx=10,pady=50,side=RIGHT)

music_frame= Frame(root,bd=2,relief=RIDGE)
music_frame.place(x=615,y=205,width=560,height=250)

Button(root,text="Explore Podcast",width=15,height=2,font=("Sans
Serif",12,"bold"),fg="white",bg="#D77337",command=open_folder).place
(x=620,y=135)
```

```python
scroll = Scrollbar(music_frame)
playlist=Listbox(music_frame,width=100,font=("Sans
Serif",15),bg="#29374B",fg="white",selectbackground="#7C8EAD",cursor
="hand2",bd=0,yscrollcommand=scroll.set)

scroll.config(command=playlist.yview)
scroll.pack(side=RIGHT,fill=Y)
playlist.pack(side=LEFT,fill=BOTH)

def wlcm_window():
    root.destroy()
    import Podcast
Back=PhotoImage(file="C:\\Users\\Vinay
Bhojwani\\AppData\\Local\\Programs\\Python\\Python39\\SBL_MiniProjec
t\\Images\\previous.png")
back_btn=Button(root,image=Back,fg="white",bg="#29374B",bd=0,command
=wlcm_window).place(x=60,y=450)
root.mainloop()
```
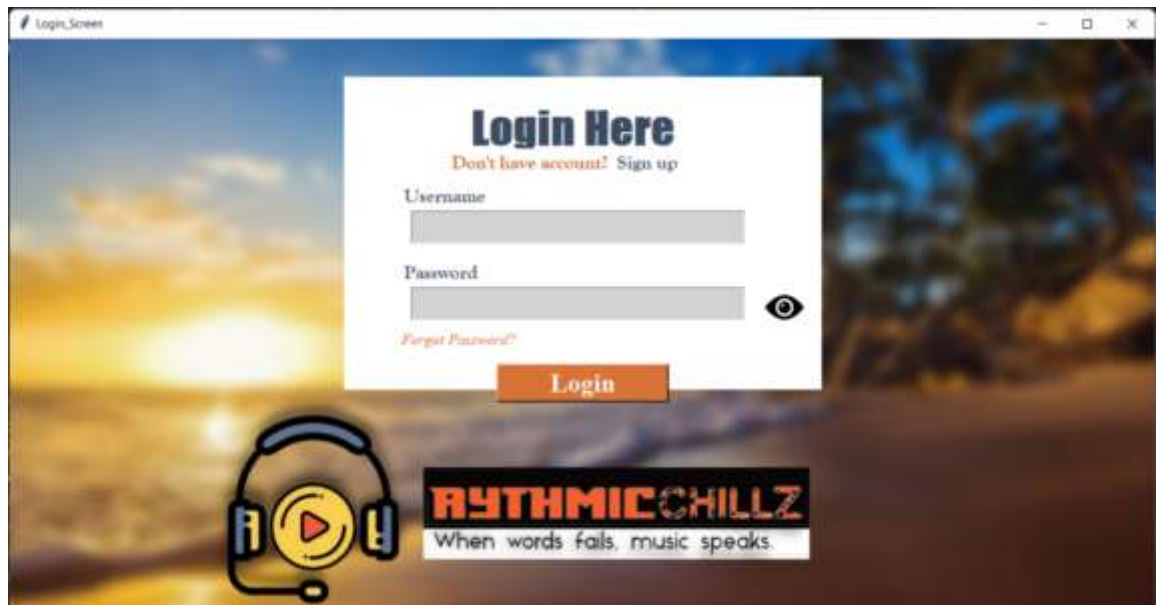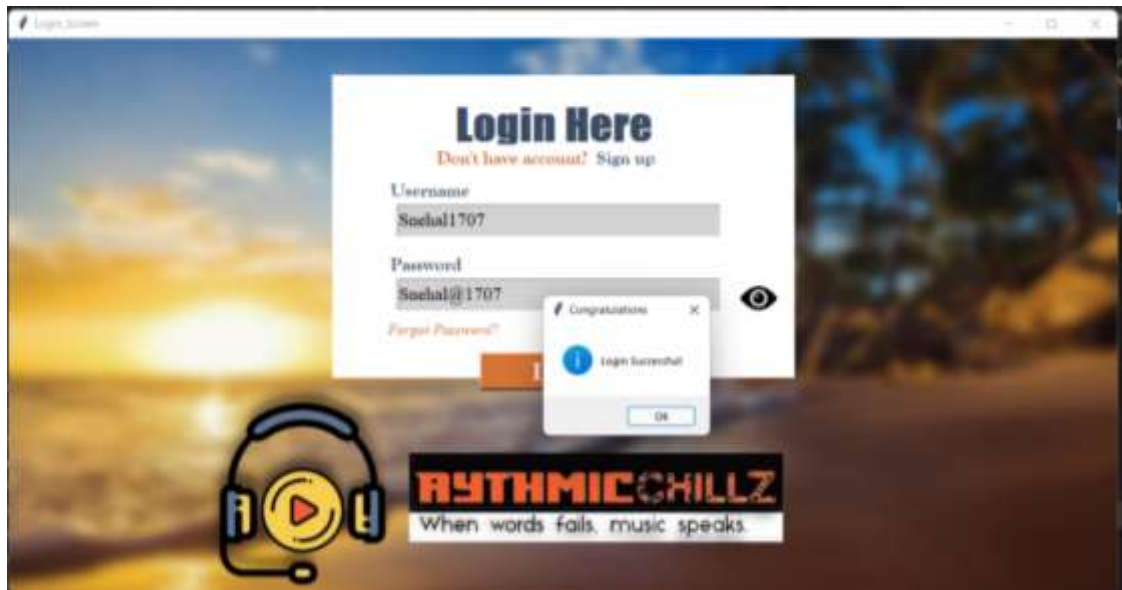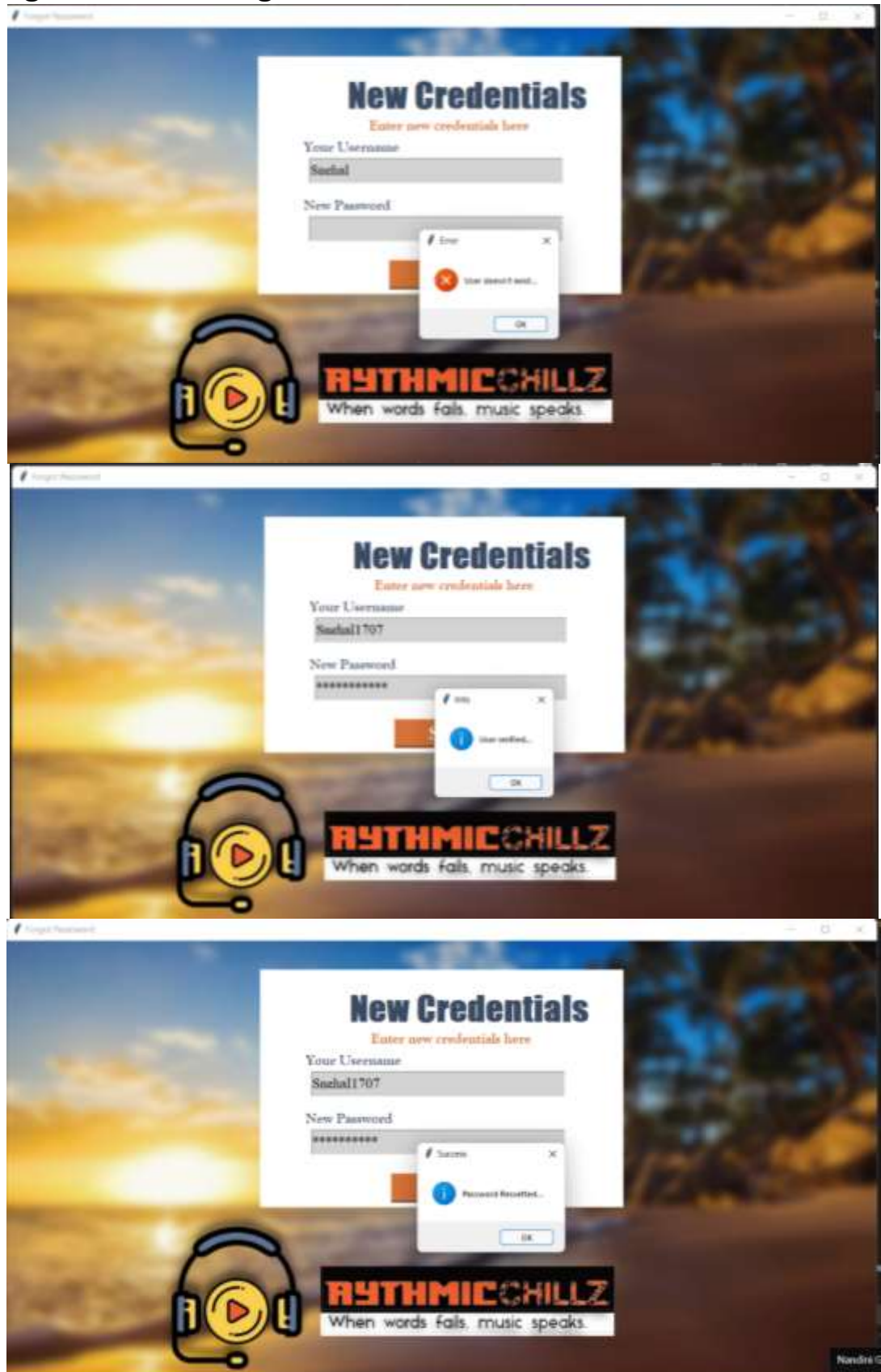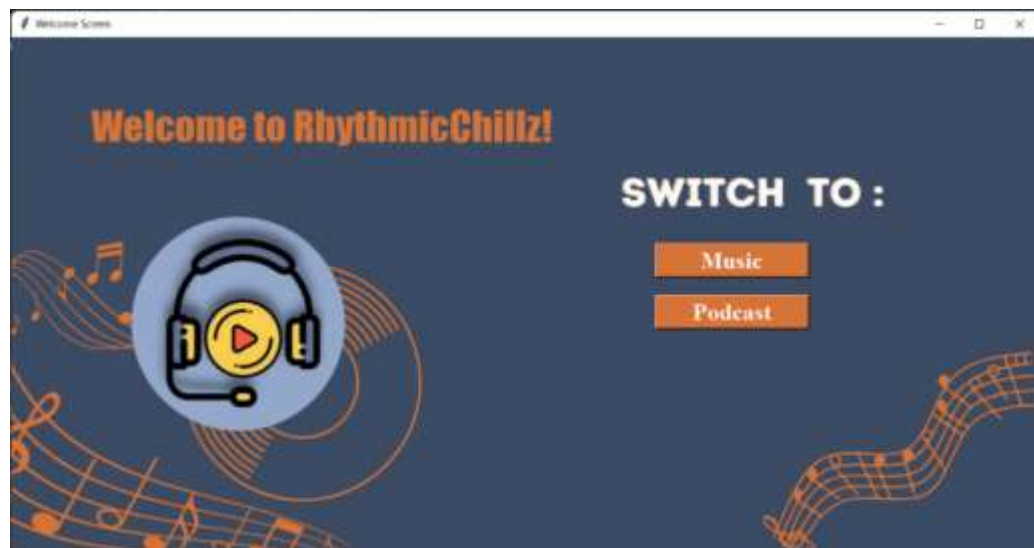
Result/ Output:

1. Login Page:

2. Sign Up Page:

3. Forgot Password Page:

4. Welcome Page:

5. Music:

6. Podcast's Category Page:

7. Podcast: Good Night India: -

8. Podcast: Sandeep Maheshwari: -

9. Podcast: StandUp Comedy: -

References:

1. YouTube
2. Stack Overflow
3. Codemy