**QR CODE GENERATOR USING TKINTER**

A PROJECT REPORT

*Submitted by,*

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ABSTRACT

In this project, we will create a python QR code generator application using tkinter library for GUI and pyqrcode library for generating QR codes. The application will take input from the user in the form of text or a URL, generating a QR code that can be saved as a PNG image file.

SOURCE CODE

from tkinter import\*

from tkinter import messagebox

import pyqrcode

window=Tk()

window.title("QR code generator")

window.config(bg="#FAF0E6")

def generate\_QR():

if len(user\_input.get())!=0:

global qr,img

qr=pyqrcode.create(user\_input.get())

img=BitmapImage(data=qr.xbm(scale=10))

else:

messagebox.showwarning("warning","fields are required!")

try:

display\_code()

except:

pass

def display\_code():

img\_lbl.config(image=img)

output.config(text="QR:"+user\_input.get())

l=Label(window,text="Enter the text or URL:",font="Times 15",fg="#560319",bg="#FAF0E6",padx=20,pady=10)

l.pack()

user\_input=StringVar()

e=Entry(window,textvariable=user\_input,width=50,font="Times 15",fg="black")

e.pack(padx=30,pady=20)

b=Button(window,text="GenerateQR",font="Times 15",bg="#DBE9FA",fg="#560319",command=generate\_QR)

b.pack(padx=40,pady=30)

img\_lbl=Label(window,bg="white")

img\_lbl.pack()

output=Label(window,text="",bg="#FAF0E6")

output.pack()

window.mainloop()

SCREENSHOTS



