

# annmary-211-lab11

September 23, 2023

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[2]: import tkinter as tk
from tkinter import ttk
import re

def validate_name():
    name = name_entry.get()
    if re.match(r'^[A-Za-z\s]+$', name):
        name_error_label.config(text="")
    else:
        name_error_label.config(text="Invalid name format")

def validate_email():
    email = email_entry.get()
    if re.match(r'^[\w\.-]+@[\w\.-]+$', email):
        email_error_label.config(text="")
    else:
        email_error_label.config(text="Invalid email format")

def validate_phone_number():
    phone_number = phone_entry.get()
    if re.match(r'^\d{10}$', phone_number):
        phone_error_label.config(text="")
    else:
        phone_error_label.config(text="Invalid phone number format")

def submit_form():
    validate_name()
    validate_email()
    validate_phone_number()
    gender = gender_var.get()
    year_of_birth = year_spinbox.get()
    # You can perform further processing or booking logic here

# Create the main application window
root = tk.Tk()
root.title("Online course management")
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# Create a frame for the form
frame = ttk.Frame(root, padding=20)
frame.grid(row=0, column=0)

# Name
name_label = ttk.Label(frame, text="Name:")
name_label.grid(row=0, column=0, sticky="w")
name_entry = ttk.Entry(frame)
name_entry.grid(row=0, column=1)
name_error_label = ttk.Label(frame, text="", foreground="red")
name_error_label.grid(row=0, column=2)

# Email
email_label = ttk.Label(frame, text="Email:")
email_label.grid(row=1, column=0, sticky="w")
email_entry = ttk.Entry(frame)
email_entry.grid(row=1, column=1)
email_error_label = ttk.Label(frame, text="", foreground="red")
email_error_label.grid(row=1, column=2)

# Phone Number
phone_label = ttk.Label(frame, text="Phone Number:")
phone_label.grid(row=2, column=0, sticky="w")
phone_entry = ttk.Entry(frame)
phone_entry.grid(row=2, column=1)
phone_error_label = ttk.Label(frame, text="", foreground="red")
phone_error_label.grid(row=2, column=2)

# Gender
gender_label = ttk.Label(frame, text="Gender:")
gender_label.grid(row=3, column=0, sticky="w")
gender_var = tk.StringVar()
gender_combobox = ttk.Combobox(frame, textvariable=gender_var, values=["Male", "Female", "Other"])
gender_combobox.grid(row=3, column=1)

# Year of Birth
year_label = ttk.Label(frame, text="Year of Birth:")
year_label.grid(row=4, column=0, sticky="w")
year_spinbox = ttk.Spinbox(frame, from_=1900, to=2023)
year_spinbox.grid(row=4, column=1)

# Submit Button
submit_button = ttk.Button(frame, text="Submit", command=submit_form)
submit_button.grid(row=5, column=0, columnspan=2)

# Start the Tkinter main loop

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root.mainloop()
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