SPRINT – 3 PROJECT DOCUMENT

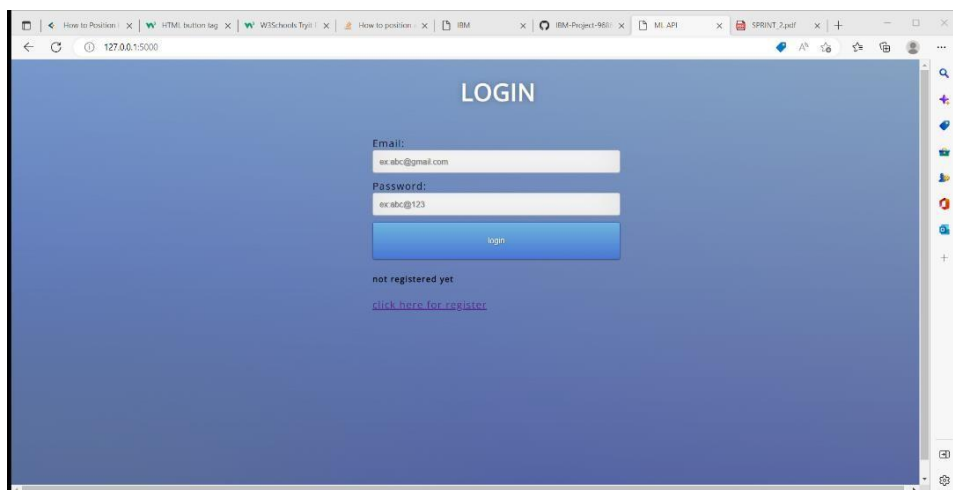| Date	11 November 2022
Team ID	PNT2022TMID27643
Project Name	Flight Delay Prediction Using Machine Learning

DEVELOPMENT PHASE:

SPRINT-3:

Build templates of login and register pages

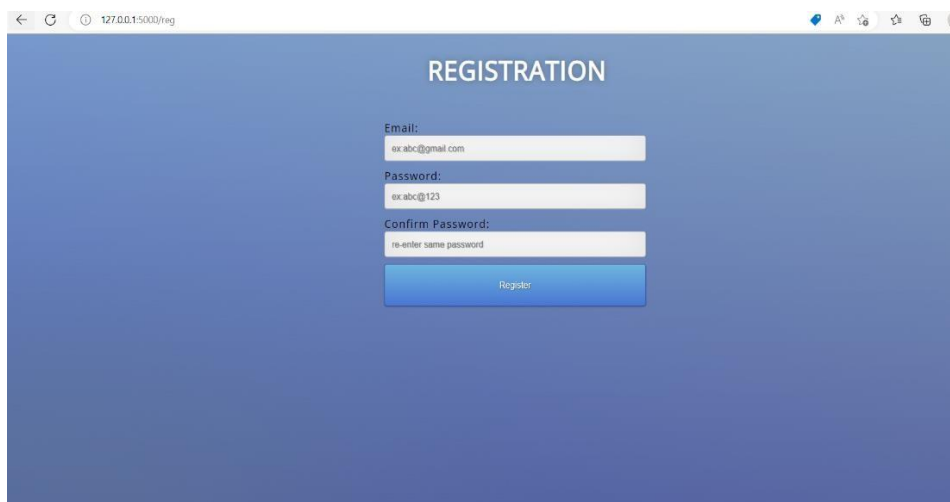Connect templates and login, register operation in flask

Test run the app

Build templates of login and register pages:

Using, HTML/CSS , Login and register templates are build.

Above picture shows the login page of this app.

Above picture is register page of web app.

Connect templates and login, register operation in flask:

There is a need to connect database for store and retrieve user details. In this project SQlite3 database is used to store and retrieve user details.

Login code as follow:

```
@app.route('/')
def main():
  return render_template('login.html')


@app.route('/login',methods=['POST','GET'])
def login():
  if request.method=='POST':
    try:
      fv=[x for x in request.form.values()]
      email=request.form["email"]
      pswd=request.form["pswd"]
      conn=sqlite3.connect("database1.db")
      cur=conn.cursor()
      cur.execute("SELECT password FROM login WHERE email=?;",(str(email),))
      result=cur.fetchone()
      cur.execute("SELECT * FROM login")
      if result:
        if result[0]==pswd:
          flash("login successfully",'success')
          return redirect('/home')
        else:
          return render_template("login.html", error="please enter correct password")
```

```python
        else:
            print("register")
            flash("please Register",'danger')


            return redirect('/reg')


    except Exception as e:
        return "hello error"
```

Register code as follow:

```python
.route('/reg')

def reg():
    return render_template("register.html")


@app.route('/register',methods=['POST','GET'])

def register():
    if request.method=='POST':
        try:
            fv=[x for x in request.form.values()]
            email=request.form["email"]
            pswd=request.form["pswd"]
            conn=sqlite3.connect("database1.db")
            cur=conn.cursor()
            cur.execute("SELECT * FROM login WHERE email=?;",(str(email),))
            result=cur.fetchone()
            if result:
                flash("user already exist,please login",'danger')
                return redirect('/')
            else:
                cur.execute("INSERT INTO  login(email,password)values(?,?)",(str(email),str(pswd)))
```

```python
            conn.commit()

            cur.execute("SELECT * FROM login")

            flash("Registered successfully",'success')

            return render_template('login.html')


    except Exception as e:

        print(e)

        #flash(e,'danger')

        return "hello error1"
```

By using above code, successfully connect login and register pages to app successfully.