

## SPRINT – 3 PROJECT DOCUMENT

Date	11 November 2022
Team ID	PNT2022TMID32527
Project Name	Flight Delay Prediction Using Machine Learning

### DEVELOPMENT PHASE:

#### SPRINT-3:

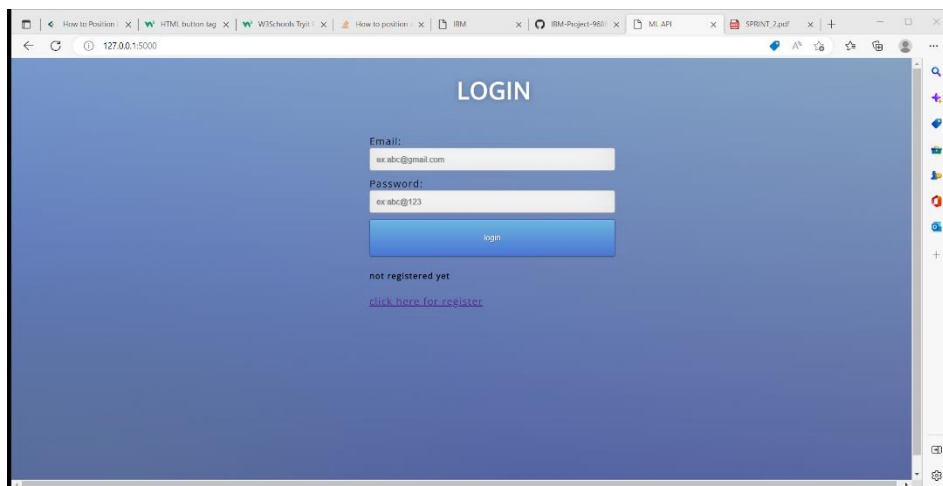
Build templates of login and register pages

Connect templates and login, register operation in flask

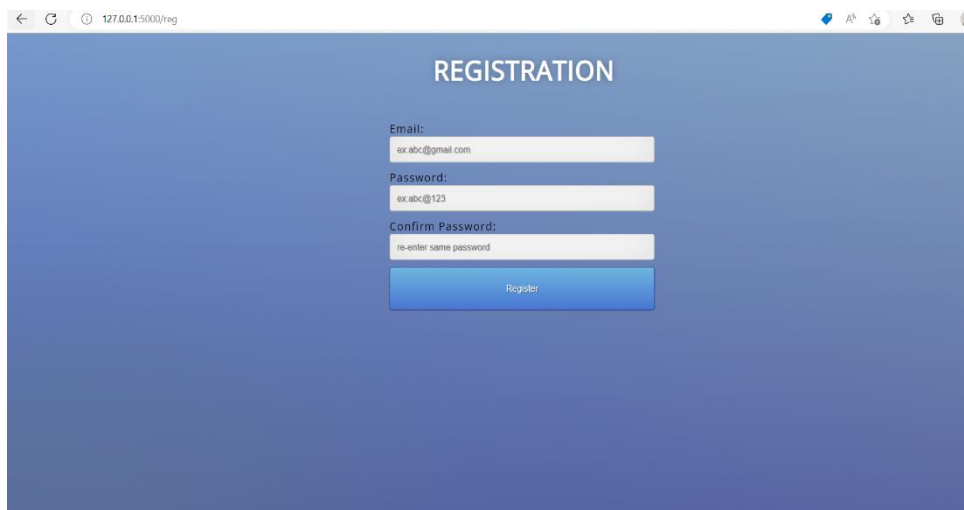
Test run the app

#### 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")
```

```

else:

    print("register")

    flash("please Register",'danger')

    return redirect('/reg')

```

```

except Exception as e:

    return "hello error"

```

Register code as follow:

```

.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)))

```

```
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.

**Test run app:**

[click me for demo video of app sprint 3](#)