IS601 Final Project

Step1 Creating Your First Flask Application

In this step, create first flask template with basic code

13 lines (9 sloc) | 205 Bytes

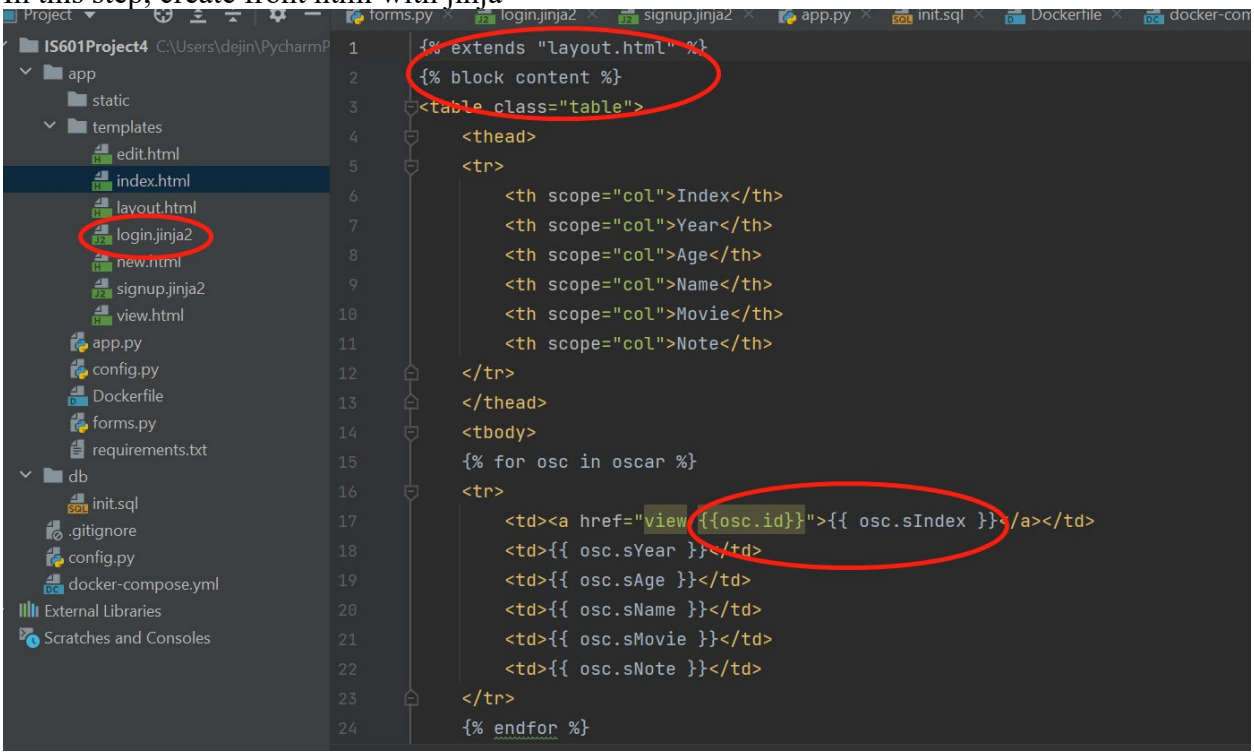
```python
from flask import Flask, render_template


# Create Flask's `app` object
app = Flask(
    __name__,
    template_folder="templates"
)


@app.route("/")
def hello():
    return render_template("index.html")
```

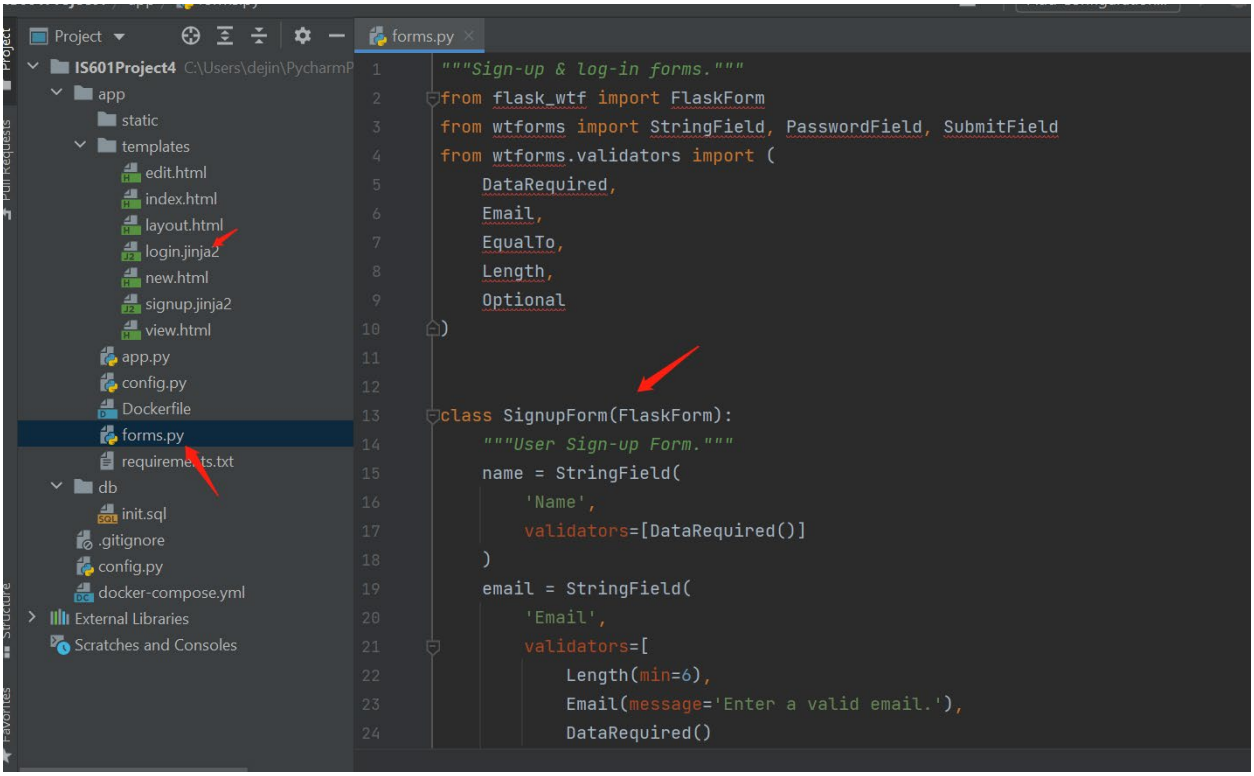
Step2 Rendering Pages in Flask Using Jinja

In this step, create front html with jinja



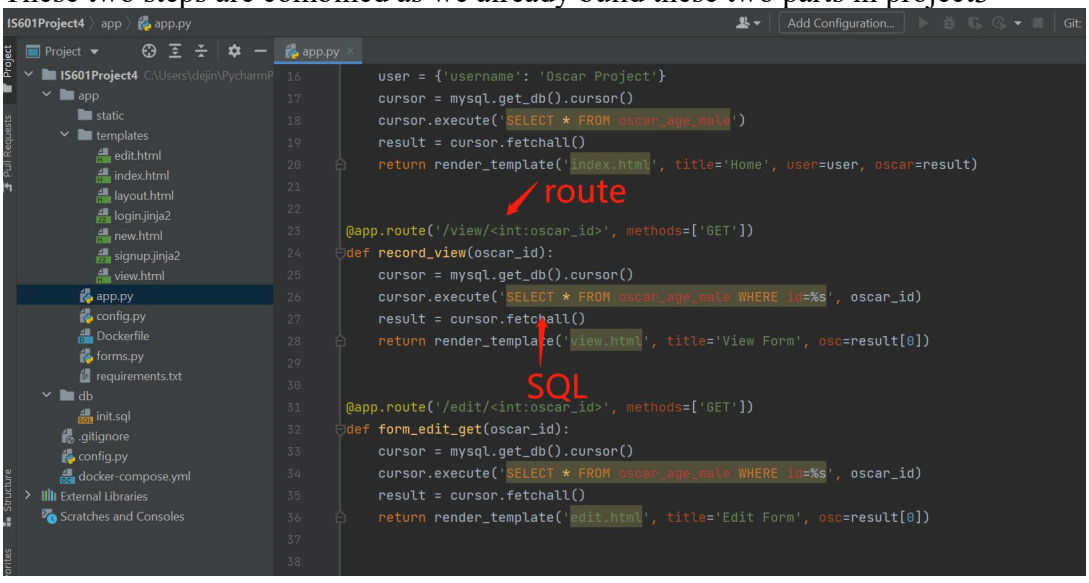
Step3. Handling Forms in Flask with Flask-WTF

In this step, build login and sign up template forms and jinja for later use.



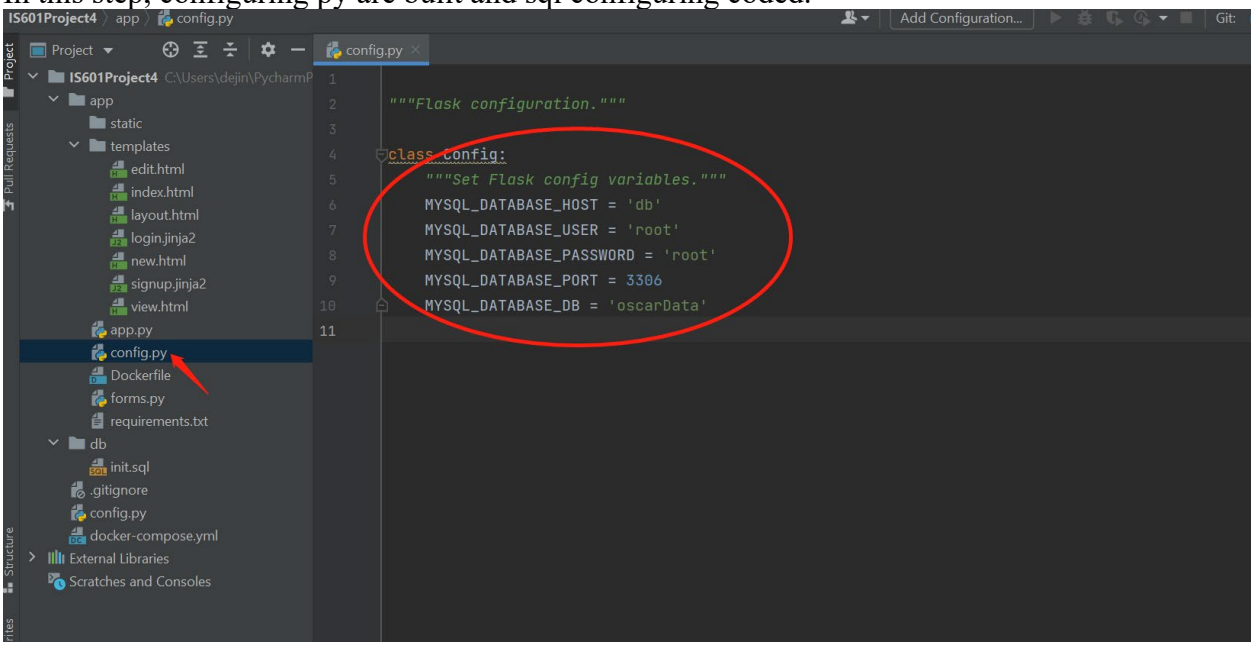
Step4 The Art of Routing in Flask
Step 9 Connect Flask to a Database with Flask-SQLAlchemy

These two steps are combined as we already build these two parts in project3



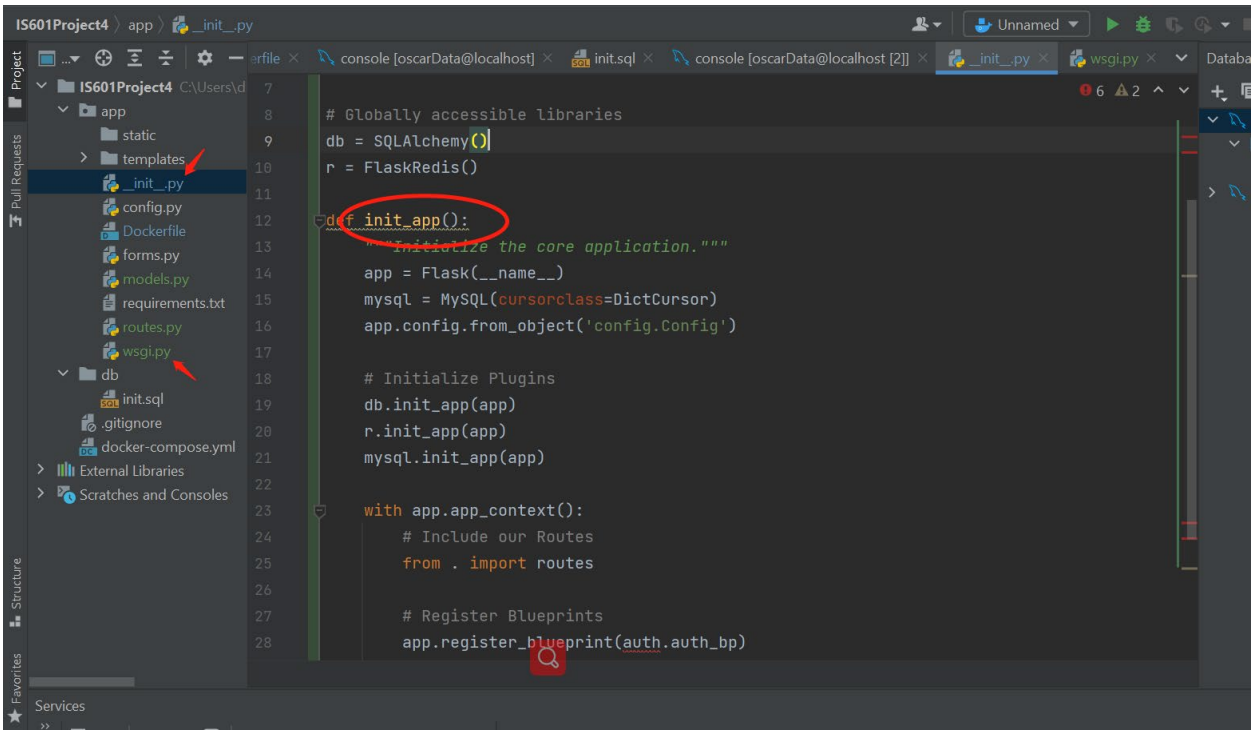
Step5. Configuring Your Flask App

In this step, configuring py are built and sql configuring coded.



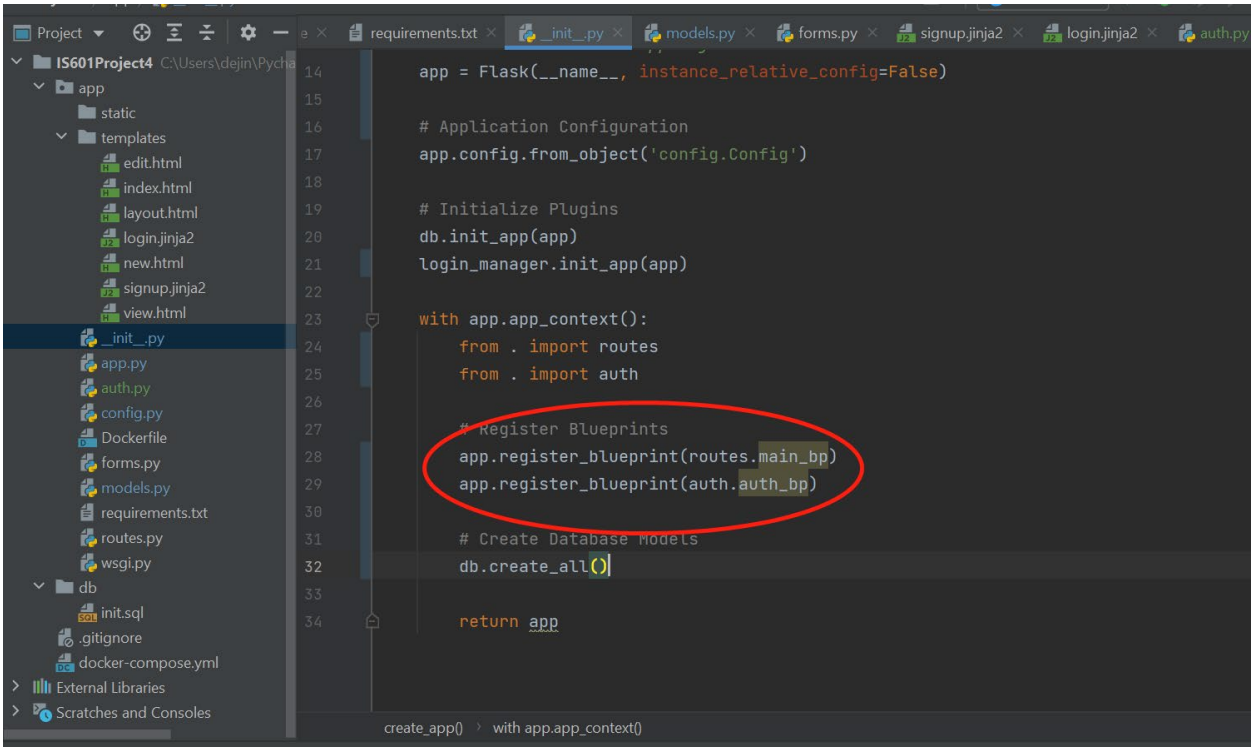
Step6. Demystifying Flask's Application Factory

In this step, app.py was separated to organized .py files, as __init__.py , wsgi.py, and routes.py



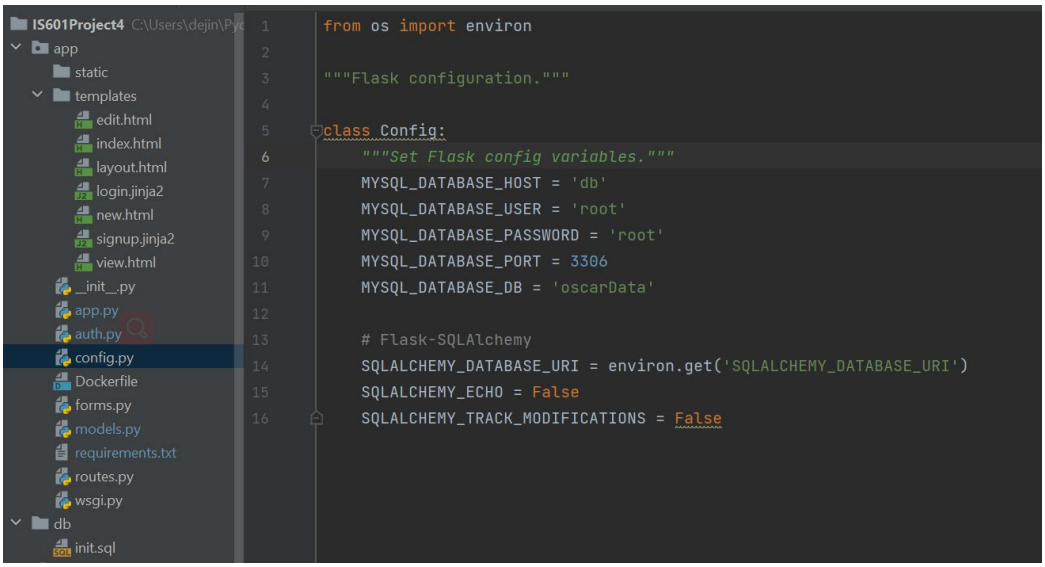
Step7. Organizing Flask Apps with Blueprints

In this step, we use blueprint to manage app structure.

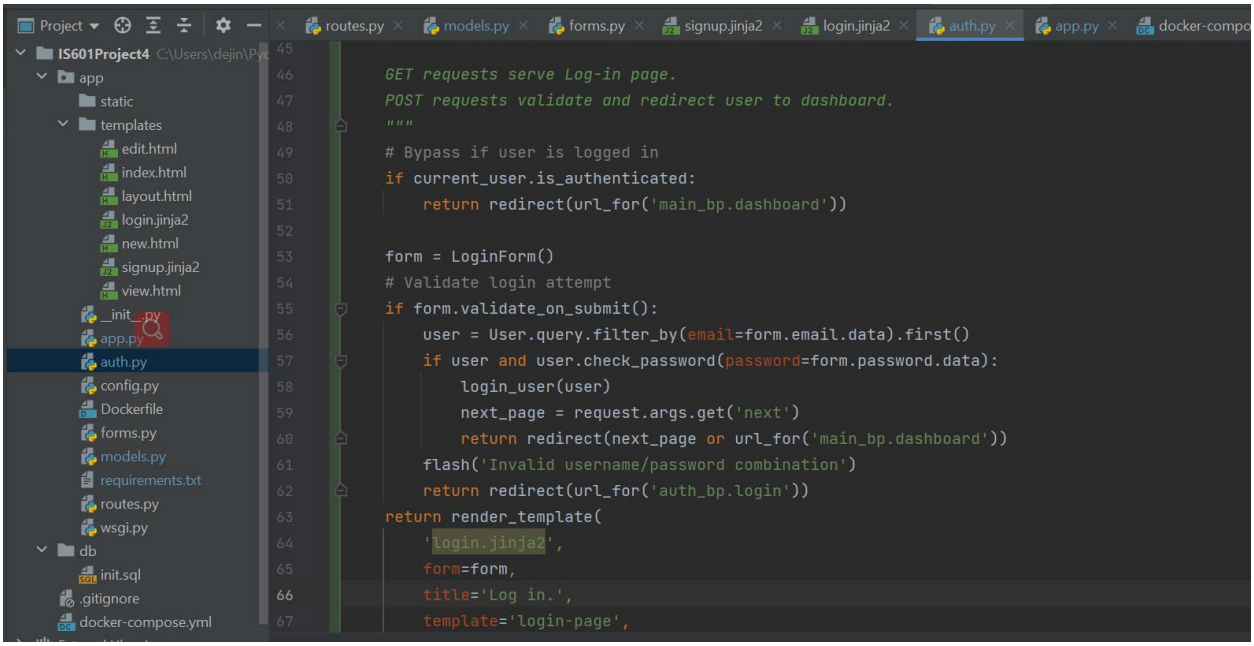


Step10. Handle User Accounts & Authentication in Flask with Flask-Login

Config screenshot

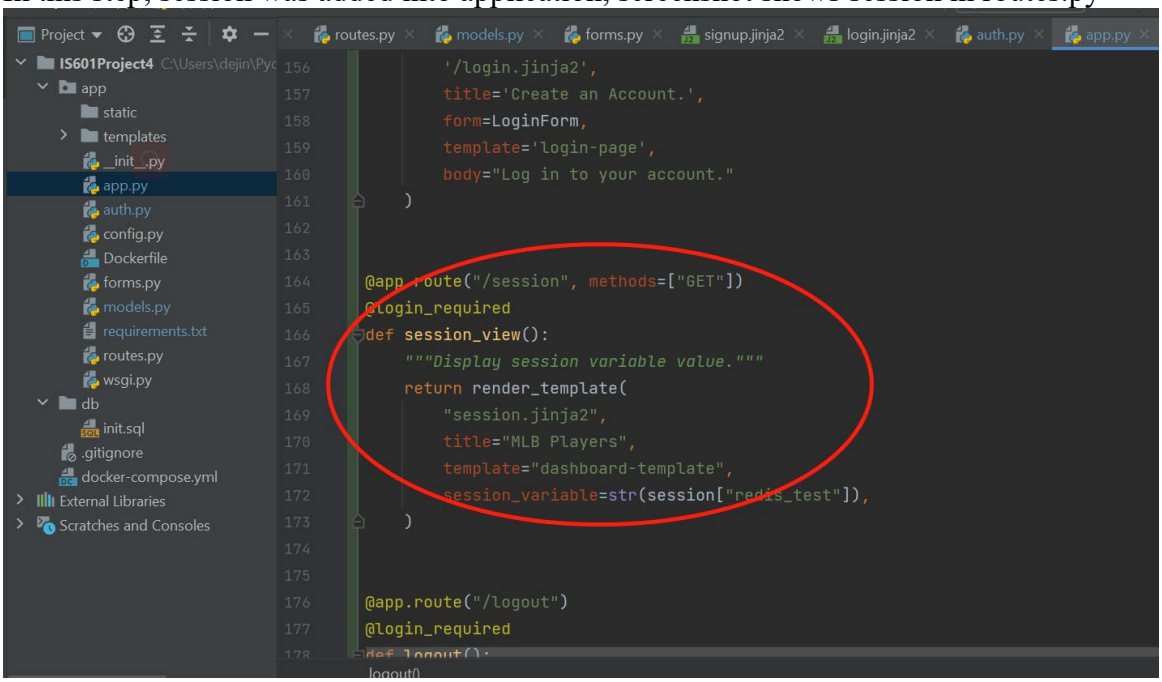


Auth.py for login confirmation

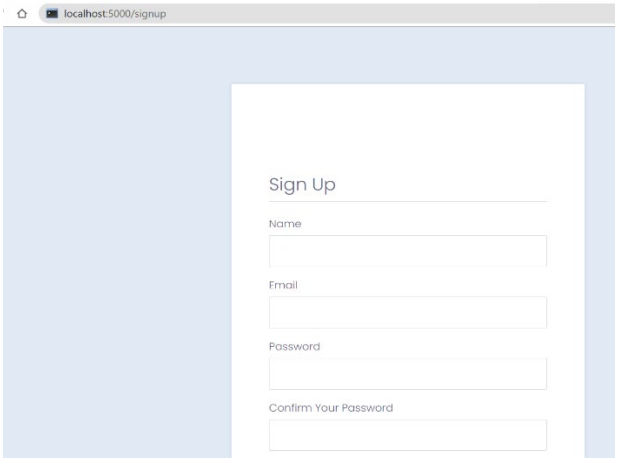


Step11. Managing Session Data with Flask-Session & Redis

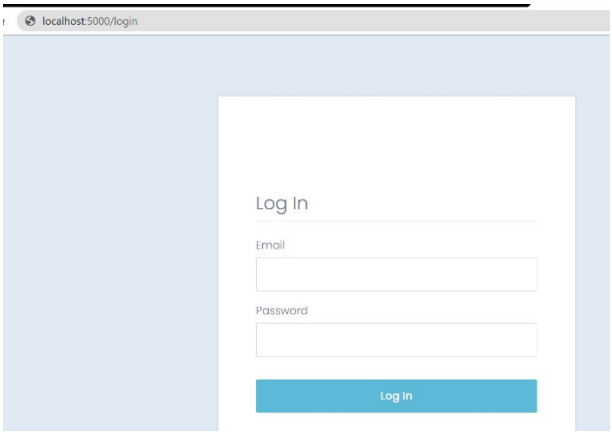
In this step, session was added into application, screenshot shows session in routes.py



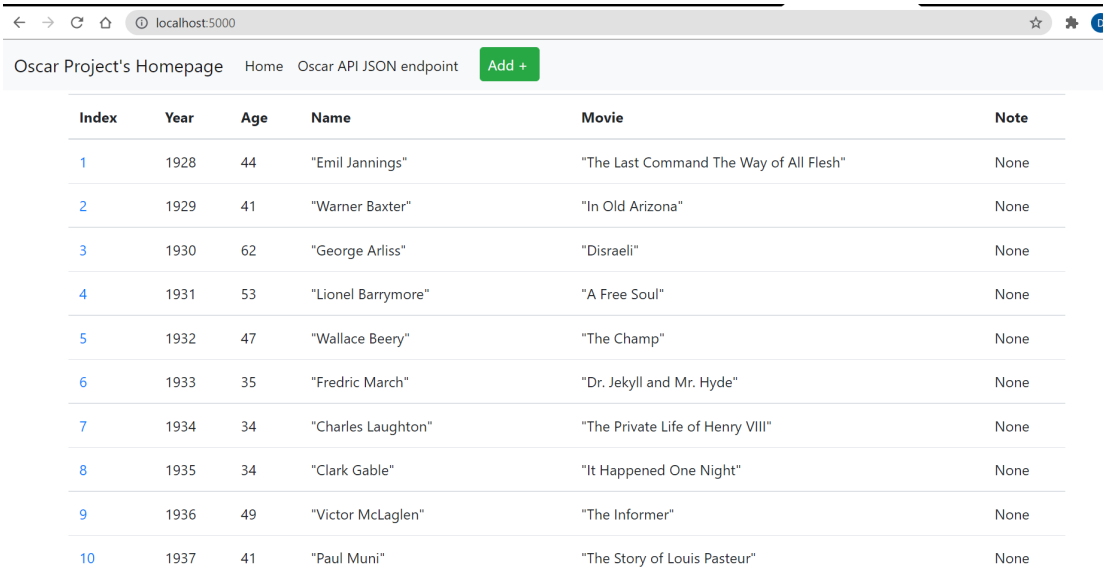
Signup page



Login page



After signed in, the Oscar reward data showed just like we did in project 3



Index	Year	Age	Name	Movie	Note
1	1928	44	"Emil Jannings"	"The Last Command The Way of All Flesh"	None
2	1929	41	"Warner Baxter"	"In Old Arizona"	None
3	1930	62	"George Arliss"	"Disraeli"	None
4	1931	53	"Lionel Barrymore"	"A Free Soul"	None
5	1932	47	"Wallace Beery"	"The Champ"	None
6	1933	35	"Fredric March"	"Dr. Jekyll and Mr. Hyde"	None
7	1934	34	"Charles Laughton"	"The Private Life of Henry VIII"	None
8	1935	34	"Clark Gable"	"It Happened One Night"	None
9	1936	49	"Victor McLaglen"	"The Informer"	None
10	1937	41	"Paul Muni"	"The Story of Louis Pasteur"	None