

Projet ISN 2018 : Bullet journal

Projet Web utilisant :

- python avec le framework Flask
- page HTML
- framework Bootstrap pour les styles CS

fichier de l'application web app.py

file app.py

```
#!/usr/bin/python
# -*- coding:utf-8 -*-
import json
from flask import Flask, render_template, request, redirect, url_for, session
app = Flask(__name__)

username = 'nina'
password = 'ninaetleo'

#taches : dictionnaire (tableau associatif) de tâches
taches=[]

#id : identifiant de la tache
id = 1

@app.route('/')
def accueil():
    if not session.get('authentifie'):
        return render_template('login.html')
    else :
        #lire le fichier
        lire()
        return render_template('accueil.html', message = session['username'])
    #sauver()
    #print(taches)
    return render_template('accueil.html')

@app.route('/login', methods=['POST'])
def login():
    # vérification du compte et du mot de passe
    if request.form['username'] == username and request.form['password'] == password:
        session['authentifie'] = True
        session['username'] = username
    else:
        return render_template('login.html', message = "Erreur de compte ou de mot de passe !")
    return redirect(url_for('accueil'))

@app.route("/logout")
def logout():
    # deconnexion
    session['authentifie'] = False
    return redirect(url_for('accueil'))

@app.route('/page2')
def page2():
    return render_template('page2.html')

@app.route('/page3')
def page3():
    global taches
    # fournir au template index.html le tableau taches accomplies et non accomplies
    accomplies = []
    nonaccomplies = []
    for tache in taches:
        if tache["accomplie"] == False:
```

```

        nonaccomplies.append(tache)
    else:
        accomplies.append(tache)
    return render_template('page3.html', accomplies=accomplies, nonaccomplies=nonaccomplies)

@app.route('/toto')
def index():
    global taches
    # fournir au template index.html le tableau taches accompie et non accompie
    accomplies = []
    nonaccomplies = []
    for tache in taches:
        if tache["accomplie"] == False:
            nonaccomplies.append(tache)
        else:
            accomplies.append(tache)
    return render_template('index.html', accomplies=accomplies, nonaccomplies=nonaccomplies)

@app.route('/ajout', methods=['POST'])
def ajout():
    # utiliser les variables globales taches et id
    global taches, id
    vartache = request.form['tache']
    taches.append({"id":id, "libelle":vartache, "accomplie":False})
    print("taches apres ajout {}".format(taches))

    # sauver le tableau
    sauver()
    #incrémenter id pour la prochaine tâche
    id = id + 1
    return redirect(url_for('page3'))

@app.route('/miseajour', methods=['POST'])
def miseajour():
    # utiliser les variables globales taches et id
    global taches, id
    varid = request.form['choix']
    print("varid : {}".format(varid))
    # mise à jour de la tâche
    for tache in taches:
        if tache["id"] == int(varid):
            tache["accomplie"] = True
    return redirect(url_for('page3'))

def sauver():
    global taches
    with open('leonie.txt', 'w') as fichier:
        fichier.write(json.dumps(taches, indent=4))
        print(taches)

def lire():
    global taches, id
    #with open(url_for('static', filename='leonie.txt'), "r") as fichier:
    with open('leonie.txt', 'r') as fichier:
        taches=json.load(fichier)
        print("taches contient {}".format(taches))
        id=len(taches)+1

if __name__ == '__main__':
    # il faut définir une clé secrete
    app.secret_key = 'laclesecrete'
    app.run(debug=True, host='0.0.0.0', port=5005)

```

Fichiers HTML

- page login.html

[fichier login.html](#)

```

<!DOCTYPE html>
<html lang="fr">
  <head>
    <title>Projet Bullet'journal</title>
    <link rel="stylesheet" type="text/css" href="{{ url_for('static', filename='style.css') }}">
    <meta charset="UTF-8">
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
    <meta name="viewport" content="width=device-width, initial-scale=1">
  </head>
  <body>
    <div id='haut'>
      <h2>NINA et LEO</h2>
      <p> Bienvenue <strong>les poulets/poulettes</strong>.</p>
      
    </div>
    <div class="container-fluid" >
      <h2 class="text-primary">Authentification</h2>
      <form action="/login" method="POST" >
        <div style="margin:5px">
          <input type="text" name="username" placeholder="Nom de compte" class="form-control" />
        </div>
        <div style="margin:5px">
          <input type="password" name="password" placeholder="Mot de passe" class="form-control"
/>
        </div>
        <div style="margin:5px">
          <input type="submit" value="S'authentifier" class="btn btn-primary" />
        </div>
      </form>
      <div class="text-primary">{{message}}</div>
    </div>
    <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  </body>
</html>

```

- page accueil.html <code html fichier accueil.html> <!DOCTYPE html> <html lang="fr">

>

```

<head>
  <title>Projet Bullet'journal</title>
  <link rel="stylesheet" type="text/css" href="{{ url_for('static', filename='style.css') }}">
  <meta charset="UTF-8">
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body>
  <div id='haut'>
    <h2>NINA et LEO</h2>
    <p> Bienvenue <strong>les poulets/poulettes</strong>. | <a href="/logout">Se
déconnecter.</a></p>
    
    <a href="{{ url_for('page2') }}" >Page suivante</a>
  </div>
  <div id='image'>
    
  </div>
</body>
</html>

```

<

/code>

- page page2.html <code html fichier page2.html> <!DOCTYPE html> <html lang="fr"

>

```
<head>
  <title>Projet Bullet'journal</title>
  <link rel="stylesheet" type="text/css" href="{{ url_for('static', filename='style.css') }}">
  <meta charset="UTF-8">
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body>
  <div id='haut'>
    <h2>NINA et LE0</h2>
    <p> Bienvenue <strong>les poulets/poulettes</strong>. | <a href="/logout">Se
déconnecter.</a></p>
    
    <a href="{{ url_for('accueil') }}">Page précédente</a> |
    <a href="{{ url_for('page3') }}">Page suivante</a>
  </div>
  <div class="container-fluid" >
    <div class="row">
      <div id='agendaG' class="col-sm-6">
        <iframe
src="https://calendar.google.com/calendar/embed?src=fr.french%23holiday%40group.v.calendar.google.
com&ctz=Europe%2FParis" style="border: 0" width="400" height="300" frameborder="0"
scrolling="no"></iframe>
      </div>
      <div id='agendaD' class="col-sm-6">
      </div>
    </div>
  </div>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
</body>
```

</html>

<

/code>

- page page3.html <code html fichier page3.html> <!DOCTYPE html> <html lang="fr"

>

```
<head>
  <title>Projet Bullet'journal</title>
  <link rel="stylesheet" type="text/css" href="{{ url_for('static', filename='style.css') }}">
  <meta charset="UTF-8">
  <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/css/bootstrap.min.css">
  <meta name="viewport" content="width=device-width, initial-scale=1">
</head>
<body>
  <div id='haut'>
    <h2>NINA et LE0</h2>
    <p> Bienvenue <strong>les poulets/poulettes</strong>. | <a href="/logout">Se
déconnecter.</a></p>
```

```


<a href="{{ url_for('page2') }}">Page precedente</a>
</div>
<div id='agenda'>
<div id="todo">
<div>
<h1>Todo liste</h1>
Ajouter une nouvelle tâche :
<form action="/ajout" method="POST">
<input type="text" name="tache">
<input type="submit" value="Enregistrer">
</form>
</div>
<div>
<h2>Tâches non accomplies</h2>
<form action="/miseajour" method="POST">
<ul>
{% for tache in nonaccomplies %}
<li><input type="checkbox" name="choix" value="{{tache.id}}">{{tache.libelle}}</li>
{% endfor %}
</ul>
<input type="submit" value="Mettre à jour">
</form>
</div>
<div>
<h2>Tâches accomplies</h2>
<ul>
{% for tache in accomplies %}
<li>{{tache.libelle}}</li>
{% endfor %}
</ul>
</div>
</div>
</div>
<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.3.1/js/bootstrap.min.js"></script>
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
</body>

```

```
</html>
```

```
<
```

```
/code>
```

- fichier style.css `css fichier style.css` `body { background-color: white; color: white; }`

```
#agenda{ background-image:url("images/ouvert.jpg"); background-repeat:no-repeat; background-size: cover; } #todo { #margin-left:20px; padding:70px; } #toto { padding:70px; background-image:url("images/ouvertG.jpg"); background-repeat:no-repeat; }
```

agendaG {

```
width:800px;
padding:40px;
background-image:url("images/ouvertG.jpg");
background-repeat:no-repeat;
background-size:cover;
```

```
}
```

agendaD {

```
padding:70px;  
background-image:url("images/ouvertD.jpg");  
background-repeat:no-repeat;  
background-size:cover;
```

} </code>

- fichier de données leonie.txt <code>json fichier leonie.txt</code> [{ "id": 1, "libelle": "Lire", "accomplie": true }, { "id": 2, "libelle": "Aller en cours", "accomplie": false }, { "id": 3, "libelle": "RDV dentiste", "accomplie": false }] </code>

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