Projet ISN 2018 : Bullet journal

Projet Web utilisant :

- python avec le framework Flask
- page HTMl
- framework Boostrap 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 accomplie et non
accomplie
  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 accomplie et non
accomplie
  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>
      <img
src="http://www.lyc-valadon.ac-limoges.fr/local/cache-vignettes/L250xH2
20/siteon0-e5814.png?1513160567" />
    </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.mi
n.js"></script>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js">
</script>
  </body>
</html>
```

- page accueil.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>
      <img
src="http://www.lyc-valadon.ac-limoges.fr/local/cache-vignettes/L250xH2
20/siteon0-e5814.png?1513160567" />
      <a href="{{ url_for('page2') }}" >Page suivante</a>
    </div>
    <div id='image'>
      <img src="{{ url_for('static', filename='images/carnet.png') }}">
    </div>
  </body>
</html>
```

- page page2.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 LEO</h2>
      <p> Bienvenue <strong>les poulets/poulettes</strong>. | <a
href="/logout">Se déconnecter.</a></p>
```

```
      <img
src="http://www.lyc-valadon.ac-limoges.fr/local/cache-vignettes/L250xH2
20/siteon0-e5814.png?1513160567" />
      <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.mi
n.js"></script>
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js">
</script>
  </body>
</html>
```

- page page3.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 LEO</h2>
      <p> Bienvenue <strong>les poulets/poulettes</strong>. | <a
href="/logout">Se déconnecter.</a></p>
      <img
```

```
src="http://www.lyc-valadon.ac-limoges.fr/local/cache-vignettes/L250xH220/siteon0-e5814.png?1513160567" />
      <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>
```

- fichier style.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;
}
```

- fichier de données leonie.txt

fichier leonie.txt

```
[
    {
        "id": 1,
        "libelle": "Lire",
        "accomplie": true
    },
    {
        "id": 2,
        "libelle": "Aller en cours",
        "accomplie": false
    },
    {
        "id": 3,
```

```
        "libelle": "RDV dentiste",
        "accomplie": false
    }
]
```

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Last update: **2019/05/15 15:18**