Python Task

Motivation

This python task has been created for an interview process
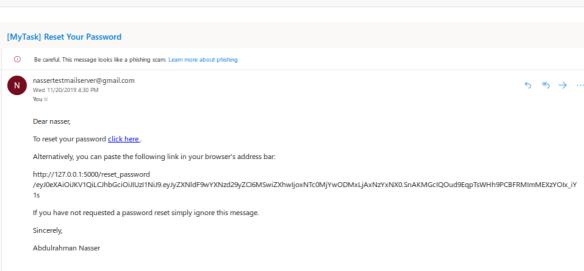
Details

The task has the following featured that has been created using Flask framework on ubuntu bionic beaver OS and Firefox Browser 70.0.1 (64-bit)

- Simple login form using the following
- GET & POST method
- Server side validation
- Authentication of supplied user (using SQLite)
- Forgot password/Reset password link (sends email
- A simple user profile page (Name, email and password
- Session and cookies (using flask-login extension)
- file uploading option at the user's profile page
- constants for storing global variables and use them (Not good practice)
- Use one API like google map (Not completed)
- Web services/API (Not completed)

Note

Google mail server is used to reset password feature

```
MAIL_SERVER='smtp.googlemail.com'
MAIL_PORT=587
MAIL_USE_TLS=1
MAIL_USERNAME='nassertestmailserver@gmail.com'
MAIL_PASSWORD='231199723'
ADMINS = ['nassertestmailserver@gmail.com']
```


[MyTask] Reset Your Password

Be careful. This message looks like a phishing scam. Learn more about phishing

nassertestmailserver@gmail.com
Wed 11/20/2019 4:30 PM
You ⌄

Dear nasser,

To reset your password click here.

Alternatively, you can paste the following link in your browser's address bar:

http://127.0.0.1:5000/reset_password
/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJyZXNldF9wYXNzd29yZCI6MSwiZXhwIjoxNTc0MjYwODMxLjAxNzYxNX0.SnAKMGcIQOud9EqpTsWHh9PCBFRMImMEXzYOIx_iY1s

If you have not requested a password reset simply ignore this message.

Sincerely,

Abdulrahman Nasser

Author

Abdulrahman Nasser Almallah

Nov 20, 2019