

Parsing HTTP Headers Report

Proof of knowing your stuff in CSE312

Guidelines

Provided below is a template you must use to write your reports for your project.

Here are some things to note when working on your report, specifically about the **General Information & Licensing** section for each technology.

- **Code Repository:** Please link the code and not the documentation. If you'd like to refer to the documentation in the **Magic** section, you're more than welcome to, but we need to see the code you're referring to as well.
- **License Type:** Three letter acronym is fine.
- **License Description:** No need for the entire license here, just what separates it from the rest.
- **License Restrictions:** What can you *not* do as a result of using this technology in your project? Some licenses prevent you from using the project for commercial use, for example.

Also, feel free to extend the cell of any section if you feel you need more room.

If there's anything we can clarify, please don't hesitate to reach out! You can reach us using the methods outlined on the course website or see us during our office hours.

Flask / Python

General Information & Licensing

Code Repository	https://github.com/emilydesantis/cse312-because-the-internet
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<https://github.com/pallets/flask/blob/066a35dd322f689ec07d7c0e82b19eacadac3c6b/src/flask/app.py#L1917>

In line 68 **app.route** decorator in Flask is used to link the ("/lobby/<room_name>") request to the function lobby(room_name) to render the lobby.html page.

<https://github.com/pallets/flask/blob/066a35dd322f689ec07d7c0e82b19eacadac3c6b/src/flask/app.py#L1917>

In line 78 login once the request /login is received the app.route decorator in Flask is used to call the login() function checking to see if the user is valid, the redirect library is used to go to page2.

<https://github.com/pallets/flask/blob/066a35dd322f689ec07d7c0e82b19eacadac3c6b/src/flask/app.py#L2041>

If not valid then a failure to login prompt arrives.

In line 96 sign up once the request /signup the app.route decorator in Flask is used to call the function signup() registering a user into the database, if the user isn't already in the database the redirect library is used to go to page2.

<https://github.com/pallets/flask/blob/066a35dd322f689ec07d7c0e82b19eacadac3c6b/src/flask/app.py#L2041>

If it is a duplicate a failure to sign up prompt appears.

In line 124 ErrorHandling occurs when a client requests a URL that doesn't exist it will trigger the 404 error. The function associated with the 404 request is not found error(404)

<https://github.com/pallets/flask/blob/066a35dd322f689ec07d7c0e82b19eacadac3c6b/src/flask/app.py#L1553>

In 301 line the run() method is called to run the application on the local development server.

<https://github.com/pallets/flask/blob/066a35dd322f689ec07d7c0e82b19eacadac3c6b/src/flask/app.py#L1067>