Flask - Server

General Information & Licensing

Code Repository	https://github.com/pallets/flask
License Type	BSD
License Description	- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. - Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution. - The names of the contributors may not be used to endorse or promote products derived from this software without specific prior written permission.
License Restrictions	- Liability
Who worked with this?	Everyone in the group

Use as many of the sections below as needed, or create more, to explain every function, method, class, or object type you used from this library/framework.

Flask Object

Purpose

- What does this tech do for you in your project?
  - This tech helps us to have a central location where everything goes through. It acts like the server that controls what happens when a request is sent in.

- Where specifically is this tech used in your project? Give us some details like file location and line number, if applicable. If too cumbersome, a general description of where it's used for a given purpose is fine as well.
  - This tech is used in app.py. We use this to help us set up the server so that we can route requests to the correct location.

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Dispel the magic of this technology. Replace this text with some that answers the following questions for the above tech:

- How does this technology do what it does for you in the **Purpose** section of this report? Please explain this in detail, starting from after the TCP socket is created. Remember, to be allowed to use a technology in your project, you must be able to know how it works.
    - The Flask object helps to create the backend calls to the server.
    - It is a central registry for url rules, to view functions
    - The parameter that it takes in allows Flask to get an idea of what belongs to the application

- Where is the specific code that does what you use the tech for? You ***must*** provide a link to the specific file in the repository for your tech with a line number or number range.
    -
    - line 97 https://github.com/pallets/flask/blob/main/src/flask/app.py
    -

*This section may grow beyond the page for many features.

Route method

Purpose

Replace this text with some that answers the following questions for the above tech:
- What does this tech do for you in your project?
  - This method helps us to route the different paths to the correct actions that need to be completed

- Where specifically is this tech used in your project? Give us some details like file location and line number, if applicable. If too cumbersome, a general description of where it's used for a given purpose is fine as well.
  - This method is used in app.py. We use it to route the paths that we receive to the correct next steps.

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Dispel the magic of this technology. Replace this text with some that answers the following questions for the above tech:

- How does this technology do what it does for you in the **Purpose** section of this report? Please explain this in detail, starting from after the TCP socket is created. Remember, to be allowed to use a technology in your project, you must be able to know how it works.
  - The route method helps us to define the acceptable paths and the corresponding actions. If we receive a request from the client, the server should know what to do next. If a path that was given is not defined in the server, it doesn't do anything. If a path is defined, it will send a response back.
  - The route method takes in the path as its variables and then sees if the path exists.
  - Route calls an add_url_rule so that the server knows how to handle the path.

- Where is the specific code that does what you use the tech for? You **must** provide a link to the specific file in the repository for your tech with a line number or number range.
  - You can find the code on line 1037
    https://github.com/pallets/flask/blob/main/src/flask/app.py
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*This section may grow beyond the page for many features.