[Flask Server]

General Information & Licensing

Code Repository	https://github.com/pallets/flask
License Type	BSD 3-Clause
License Description	- Redistribution of source code and in binary form is allowed if the copyright notice is there - 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.
License Restrictions	Endorsements and promotions for products made with flask is not allowed unless prior permission is given
Who worked with this?	Ibrahim

Flask(Class)

Purpose

What does this tech do for you in your project?	- Creates an instance of a Flask object, which implements a WGSI application - Python assigns the module name to __name__ which we then pass into Flask as the first parameter. __name__ represents the name of the application package and is used by Flask to identify resources like templates, static assets and the instance folder
Where specifically is this tech used in your project?	Flask_server.py- Line 6

Documentation	● https://flask.palletsprojects.com/en/1.1.x/api/
How does this technology do what it does for you in the Purpose section of this report?	● The first parameter thats passed sets import_name to that value ● import_name is then used to find resources on the filesystem and used by extensions to improve debugging information
Where is the specific code that does what you use the tech for?	● Flask(__name__) - app.py 384

Flask.run

Purpose

What does this tech do for you in your project?	● Runs the application on the local development server
Where specifically is this tech used in your project?	Flask_server.py- Line 37

Documentation	● https://flask.palletsprojects.com/en/1.1.x/api/
How does this	● The first parameter thats passed gives the hostname to listen on

technology do what it does for you in the Purpose section of this report?	- The second parameter gives the port of the web server - The third parameter will enable or disable debug mode, in the local development server it will automatically be enabled - Then these 3 will passed into another method call to run_simple - Run_simple then proceeds to call makeserver which creates a new server instance - And finally serve_forever() is called which gets it to handle requests until shutdown
Where is the specific code that does what you use the tech for?	- Flask.run - app.py 805 - Serving.py- run_simple()- app.py 920 - serving.py- make_server()- serving.py 1049 - run_simple- serve_forever()- serving.py 1075