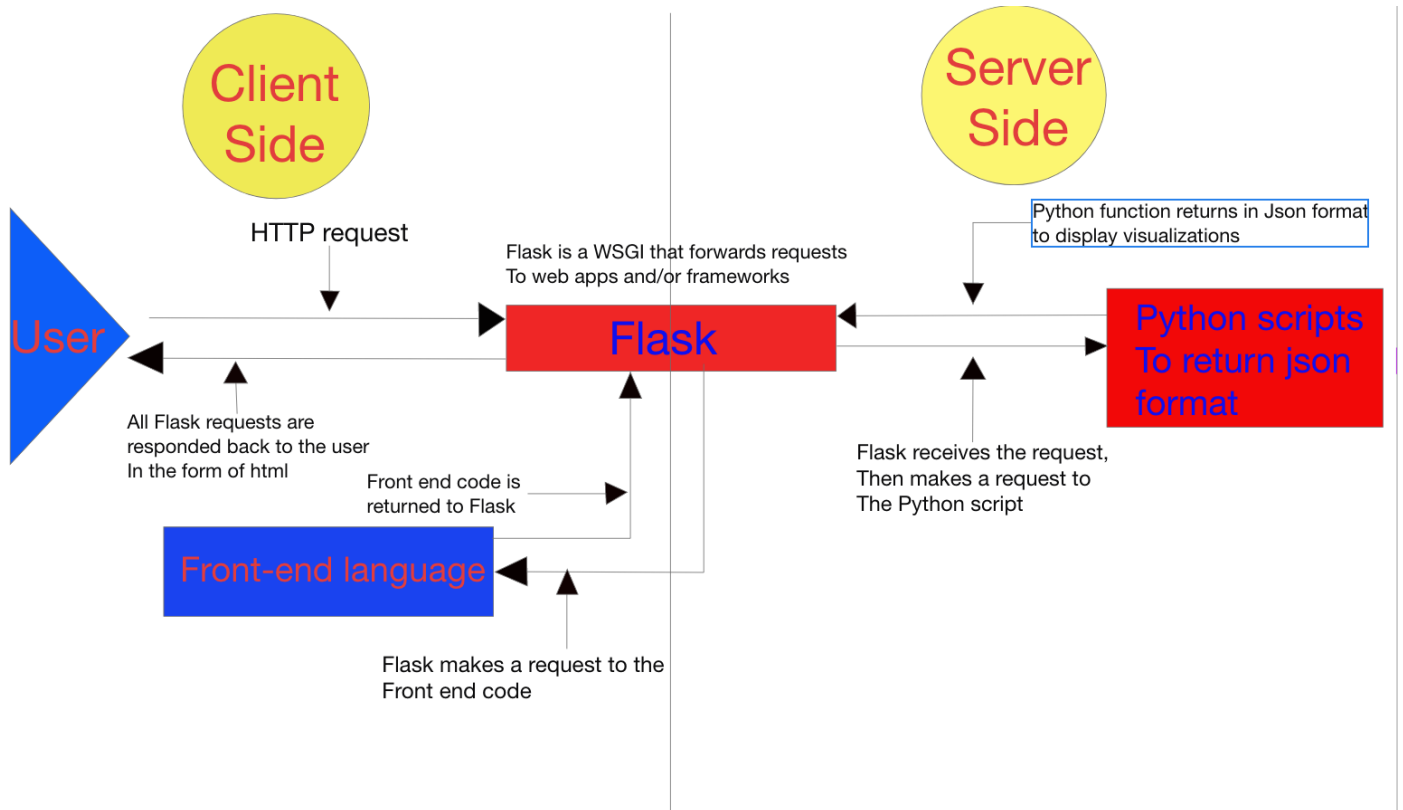


Organ Project Flow Chart Diagram



Above is a diagram that explains the flow of requests and responses of our program. Initially, the user sends a request by typing in our url to the browser. Then, Flask, a Web Server Gateway Interface, receives that request and then makes requests to our Python functions that hold the data visualization in a Json format. At the same time, a request is sent to the front end. When the Python code and front end code are received, Flask then wraps the responses and returns the output to the user.

During my research, I realized how many routes can be taken when using web frameworks. Initially, I explored using React, but realized it was very "Javascript heavy." Given the time frame, I thought that Flask was a better option because of its native compatibilities to Python. In the future, it would be nice to implement React to transition our site from static to dynamic. I found this link to assist with that:

0409/2021

<https://towardsdatascience.com/build-deploy-a-react-flask-app-47a89a5d17d9>