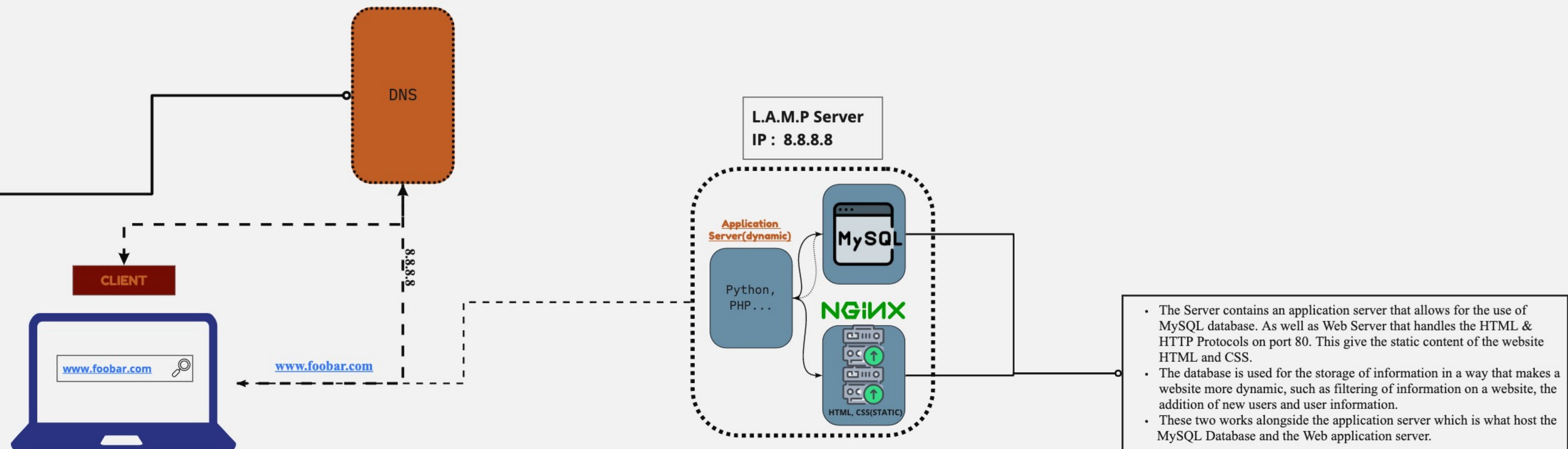


The User of the computer asks the browser for the website.

- The OS(operating system) and browser check cache.
- Checks with Resolver and check its cache.(ISP is resolver).
- Checks Root Server for TLD(Top-Level Domain) server.
- Checks authoritative name server for the corresponding Name Server.
- The Resolver then save the memory of the IP address and returns it directly to the OS, subsequently giving it to the browser which then connects to their browser.

Domain Name System



SPOF: The Single point of Failure is the limitations of one Server. Especially when its down for maintenance.