Cara Campanella
Technical Writing Assignment

When we hit https://www.techtonicgroup.com, after waiting for the page to load longer than usual, it returns an error message stating the site cannot be reached and the page was taking too long to respond. The page it directed me to was https:// www.mywebsite.com. The website also does not have a valid certificate therefore we cannot verify that it is legitimate The error code was displayed was ERR_CONNECTION _TIMED_OUT.

Starting by either clicking on a link or by entering a URL in the browser , the browser checks the cache for a DNS record to find the correct IP address of the webpage you are going to. If the URL cannot be found in the cache, the DNS continues to search for the IP address by running a DNS query. It will run numerous searches until it finds the correct IP address. When it finds the correct IP address it builds a connection with that IP address to get the information. After the server has received the information it sends back a response to the browser in small packets of information at a time. It sends back the webpage the client requested along with the status code. The first thing that comes to mind when I think about the server code is Facebook. The user can modify who sees the posts they make, who can comments on them and who may change the posts. The server-side code main function is to deliver information to the client. It also controls what information is sent to the client depending on the settings. It also can restrict the information and serve only the information that user is permitted to see. The client-side codes main function is to request information but also deals with the user display. It brings the page to life using scripting makes the web pages interactive. Runtime starts when a program begins to run on a computer until the time it stops.

Three instances of client side assets are available- html and css how the page is set up and the appearance and JavaScript to create interlinked documents or information..

One instance of the server side is available at a time.   The client requests and the server replies.

During a runtime error, zero instances of the databases are created because the error is just that; the database cannot be created. During runtime numerous instances are created because it is constantly updating and saving.