

A website is a collection of webpages. It is stored in a server which can be accessed by clients of certain area or world wide according to server setting.

When you enter a URL in browser, DNS looks up its IP and sends a HTTP request to its server and receives a HTTP response.

Initially, install python and google cloud and run some commands to make a local server and upload the html file. It can now be accessed in same wifi network

NginX and Apache are softwares used in web servers. NginX is event driven. Each event has a thread and each process of certain event will run continuously in a loop in that thread. it is useful for few events and many processes. Apache is process driven. Each thread will take up a process irrespective of event. it is useful for many events and few processes.

This process will not work if one is of mobile data and one of wifi because the local server is confined to wifi network

Database system are methods on how to store data. They are used to store data in different forms. to store the data about professors I would prefer sql database. It stores data in table form so that it can be easy to compare their achievements or to filter professor of certain age or place. it is a little hard to do with nosql database. I will use attributes name, age, department, designation, achievements, year of joining, research areas, courses, native place etc.

In javascript, setTimeout() is used to run a function after certain time interval and setInterval() is used for same purpose but it runs continuously each time that interval completes. It can be used in applications for a function to run continuously or after certain time. When a program is running It stores some processor cache due to this protected information can be exploited if we know the precise timing of accessing the cache. so to effect its precision JS timer performance is intentionally degraded