AD architecture

Directory : "Book or Website listing Individual or Organaizations {alphabetically or thematically }" such as the following:
"Name Address Mobile Number"
AD Logical Architecture:
1- Object
2-Domain
3-OU
4-Tree
5-Forrest

NOTE1: Object is the smallest entity within Active Directory (example of an object would be an employee)and each object can have its own artributes
NOTE2: OU stands for Organizational Unit which would organize a group of objects under the same title or OU
NOTE3: the collection of group of OU would fall under the name of Domain for the sake of organization
NOTE4:A hirarchical database stores data ubti a tree-like structure. An Active Directory tree is a collection of domains within a Microsoft AD network
NOTE5:A group of many AD Trees is called a Forest which indicates that a forest is a collection many Ad domains,in other words a forest represents a merging of tow or more AD domains or trees

IMPORTANT: While AD holds information about resources on the network, it uses DNS to dind and resolve distinguished names into IP addresses .Active Directory names are controlled by the same set of rules and orinciples that govern tradional Domain Name System(DNS).