World Wide Web (WWW)

The World Wide Web, or the web, was invented by Tim Berners-Lee in 1989. It is a collection of web resources and applications that are allowed access to via the internet. The Web was invented originally for the purpose of automatic sharing of information of scientists around the world, but now has evolved to provide many more services.

The Web is under a client-server network architecture in which the server provides what the clients requests.

* Server – a computer/ computer program that provides services or commodities and manages access to those resources or services in a network.
  + Web server – can refer to either or both a hardware and/or a software. As a hardware, it is a computer that houses web resources such as HTML, CSS, JavaScript files that are accessible by clients. As a software, it is an application that runs in a computer that manages or controls access to web resources over the HTTP (or other related protocols). It waits for client requests and sends what are requested.
* Client – is a computer that is capable of acquiring information and applications from a server. A client can obtain resources via a:
  + Web Browser – an application that is used to retrieve and render web resources for the user.
  + Spider – a spider or a “crawler” is a program that crawls the web and retrieves web resources.

Tim Berners-Lee along with his team invented 3 corner technologies, the URL or URI’s, HTTP, and the HTML. These technologies were invented for web use.