**HTTP provides support for the other functionalities such as**

**-Cache Control Multint (Net Mail Extension)**

**-Control Media Type (MIME) Specification**

**-Language and Character Specification**

**-Content/Transfer Protocol**

**-Content Negotiation**

**-Client – Server Protocol Negotiations RE2616**

**-Request Pipelining/ Multiplexing**

**-Authentication/ Authorization**

**-ETC.**

**HTTP RESOURCE ADDRESSING**

* **HTTP resource are identified using URL’s (RFC 3986) or more specifically HTTP.**

**URLS - Scheme (https)**

**-Authority**

* + - **USER information or authentication credentials (deprecated).**
    - **HOST domain name (resolve using IP address using DNS of the server where the resource resides.**
    - **PORT NUMBER**

**-Path to resource (resolve relative to the document root on the server).**

* + - **May refer to astatic or dynamic resource.**

**-Query typically provided as key = value pairs with ampersand (&) separators between key value pairs.**

* + - **May be URL- ENCODED.**

**-Fragment I identifier**

**HTTP REQUEST MESSAGE – 4 PARTS (Header, Body….)**

**-Request Line (RLF –terminated line consisting of three space – separated values)**

* + - **Method**
    - **Request target**
    - **Protocol Version**