.Net platform — Technologies

Desktop   Web   Cloud   mobile   Gaming   IoT   AI

older
ASP.Net   Blazor   Technologies
                ⟶ new

web App   Razor pages ⟶ Web API ⟶ with it I need tools to
[MVC]   test API
                         No Design
           look MVC   Frontend
No Frontend   ⟶ small   =
developer   Projects

[HTML, CSS]
J's   BLazor
                    ⟶
Basic Knowledge   Blazor server   Blazor webAssembly

Asp.Net Core   MVC
        Model   View   Controller

* HTTP   :— used to transfer data between clients and
HyperText Transfer protocol   servers over the internet.
                              HTTP ⟶ Application layer
HTTPs ⟶ secure   SSL or TLS ⟶ Security layer (only in HTTPS)
HTTP ⟶ not secure   TCP ⟶ Transport layer
                    IP ⟶ network layer
             Network Interfaces ⟶ Data Link layer

* FTP protocol :— standard network protocol used to transfer
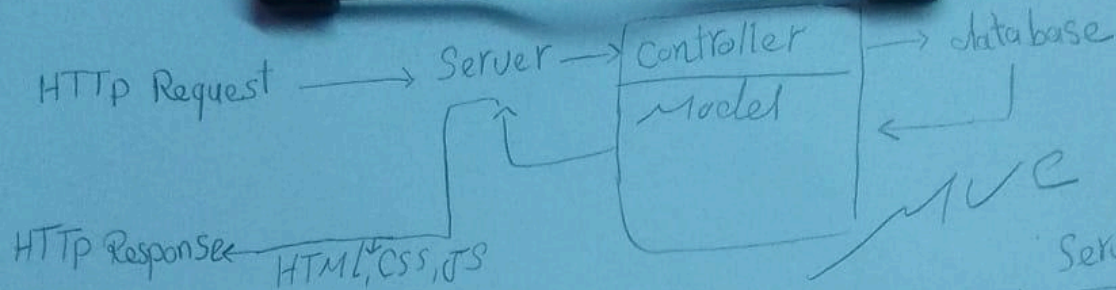file ↓ ↳ protocol files between a client and a server.
  transfer

* TCP → protocol :— is communications standard "Rules" for delivering
  ↓ ┗→ data and message through networks used for
Transmission Control organizing data in a way that ensures secure
  transmission between the server and the client
                                    → uniform Resource Identifier

*URL   URI

                  URN   URL

        uniform Resource Name
                              ↳ uniform Resource Locator
                                ↳ used to address a document
                                  (or other data) on the web
                                  to tells browsers How to
                                  Fetch a resource
                          protocol ←   → colon
                                            ┌→   ↘ slashes
                                          http://amazon.com
        → URL   scheme   Host (Domain)

        Host   Query
  http://amazon.com//Movies/GetMovie?id=5&name=abc#
  scheme   Path   Triller
                                               Fragment
  Function return page
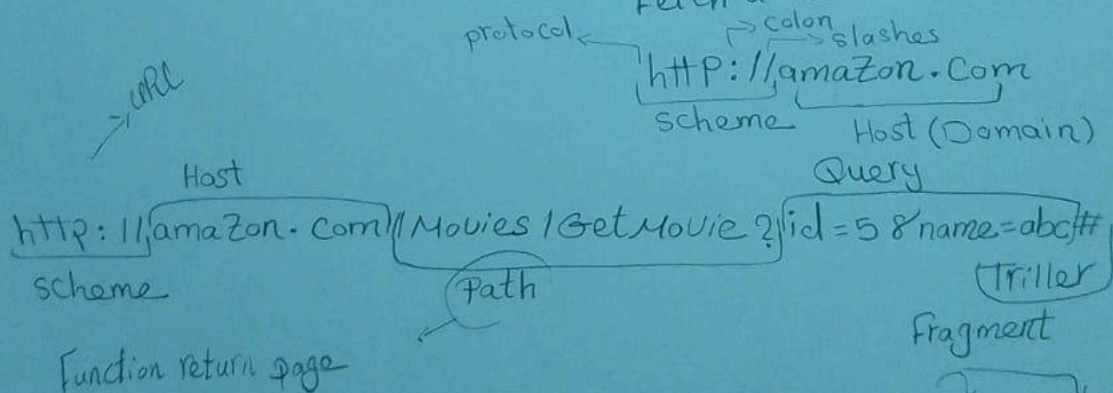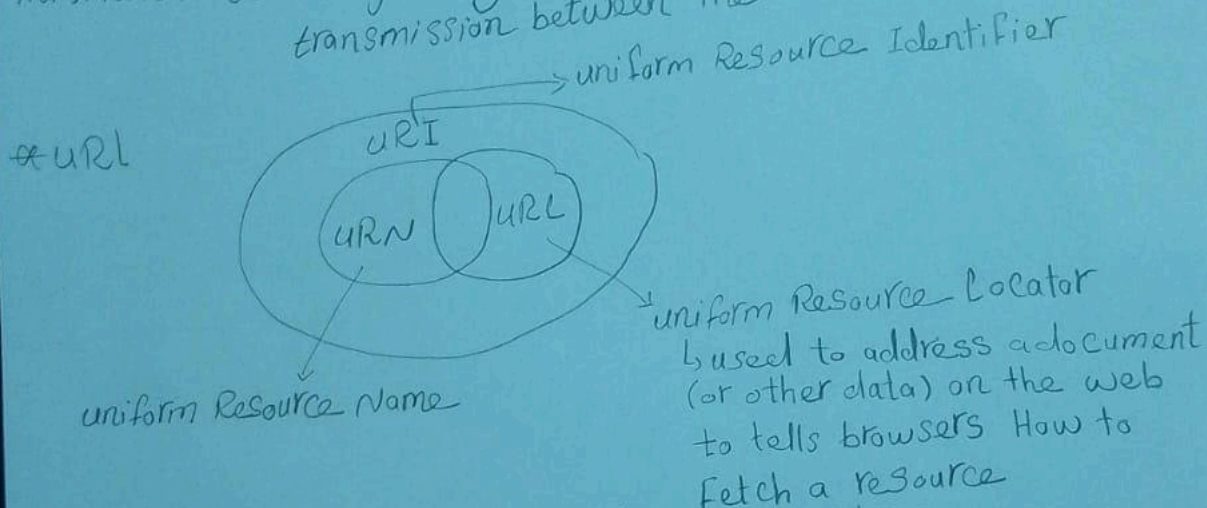
* Based on number of requests, we choise the technology API or MVC

MVC → all things in Backend is on server → this is load.

API → has help "Request → front → API → this is not load

HTTP Request ———————→ Server ———→ Controller ————→ database
                                        Model

HTTP Response ←——— HTML, CSS, JS

MVC

Server

user ——— HTTP Request ——→ Controller

HTTP
Response ←———   Demand

                database ←—— Model

View

HTML
design

status Code

100 – 199 ——→ Info
200 – 299 ——→ successful
300 – 399 ——→ Redirection
400 – 499 ——→ Client Error
500 – 549 ——→ server Error
                [Backend Error]