HTML
Hyper Text markup language

WWW. → information gathering.
→ search / services / publish.

• **What is** __web?__

    ↳ **HOW?**   web ← ⬡ Python
                             ↑   ↑

✓ Address Bar.   local m/c

                     (server)

Uniform
Resource   { **Observe** websites }   → Access
Locator   my account (space).
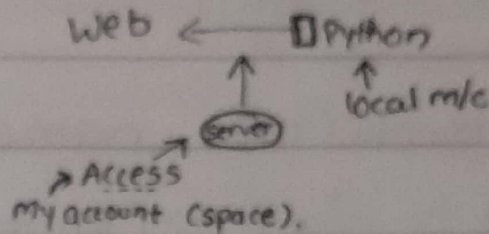
       → request & response   www. ___ . ___ → domain.
HTTPS   ↳ address.

Hyper text
transfer protocol (secure)   /__/__ → directry /folder.

           ↳ postman for
communication.   world.   → Encrypted in HTTPs.
        ↳ feedbacks.   ↳ secure al.

Communication protocol.

✡ All application's report which are / can be vulnerable of attacks
and on which basis:

✡ H·W· website with the file structure visible. and upto which

2/3 Or upto html. — .html /.htm

• response time

o Location.

o Symantic / Syntatic searching
o market survey. — what is available in current & missing.
o Should be forever.
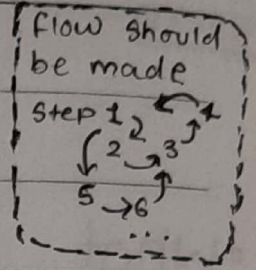o How user can like this than other in market.

request ⇄ response.

web technology — HTML, CSS, JS. + react
      ↳ frontend.   user side.
                ~~backend~~

Flow should
be made
step 1 → 4
(2 → 3)
5 → 6

1. Internet Standards., WWW architecture.

• Internet.
  • TCP/IP

web Protocols (DNS - name structure).

CLOUD   "•" → (Root directry).

servers
(IN) (UK)
(US)

client.
must
→ feel connected.   } market survey.
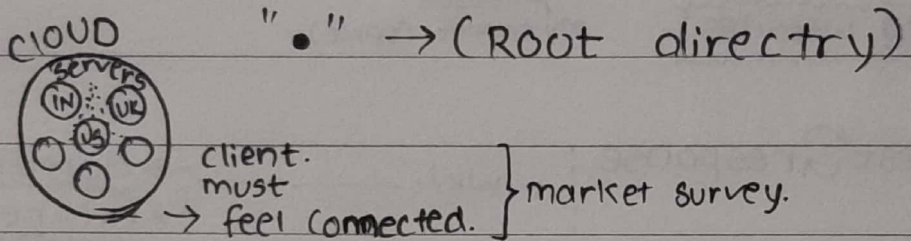
URL

Application layer protocol:. http / ftp file transfer protocol

fully qualified host name:. └·——————— .com |:----↓——↓/ ↑

top-level domain:—

Port number:.—

directory name:. ——

lack of filename
points to default file.
         (eg. index.html) landing page.

WWW.

Client	................→	Server

access web TCP/IP.   Website requires TCP/IP

↳ unique IP   ↳ connection to DNS.

↳ Internet   ↳ routers.

↳ browser.   ↳ web server

                                ↳ Internet.
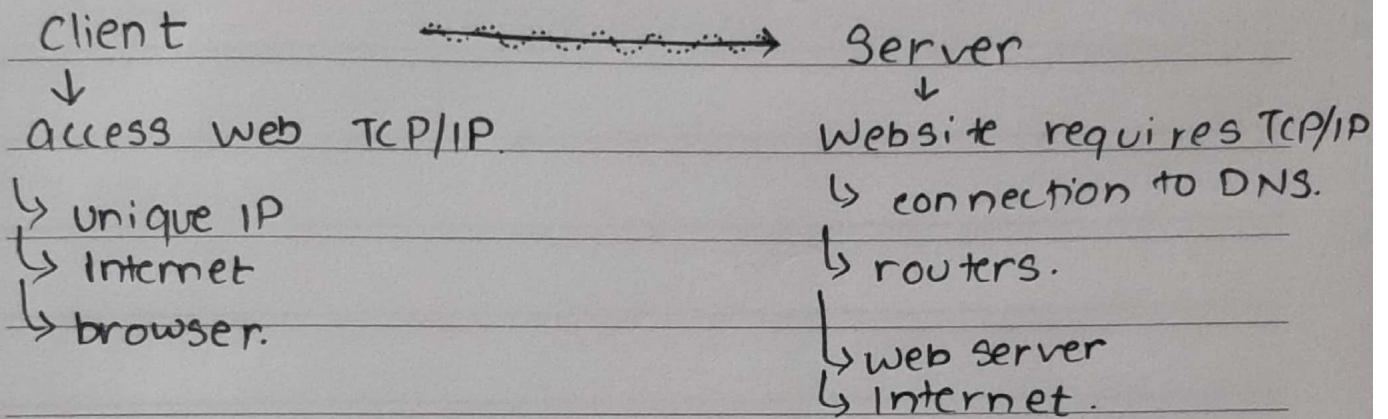
We access web application even without browser.

in phones.   in web browsers.

↳ has its own browser.
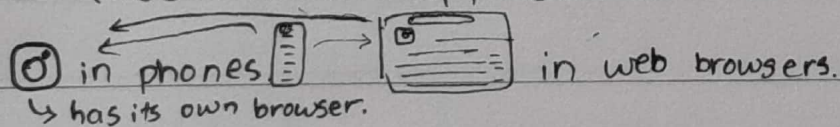
Web system architecture.

2-tier

Web server ⟷ client   (request, response)

Internet.

3-tier

1st tier ⟷ middle tier ⟷ 3rd tier

[user interface tier]   middle tier   [Database tier]

              [Application Logic tier]