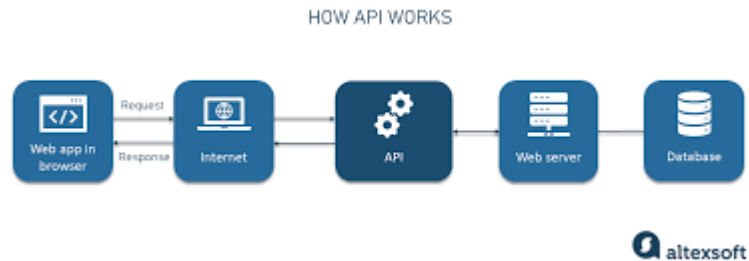


it is a slide for a summary of the introduction to API

- API
- HTTP methods
- monolithic and microservices

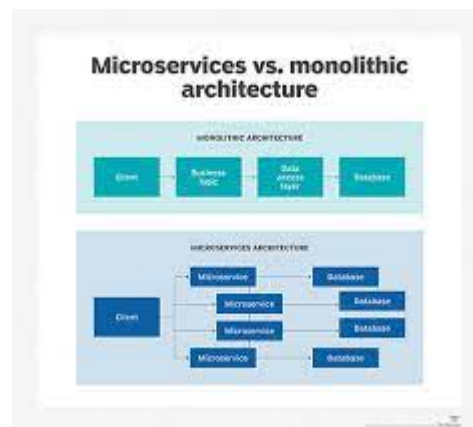
API



HTTP methods

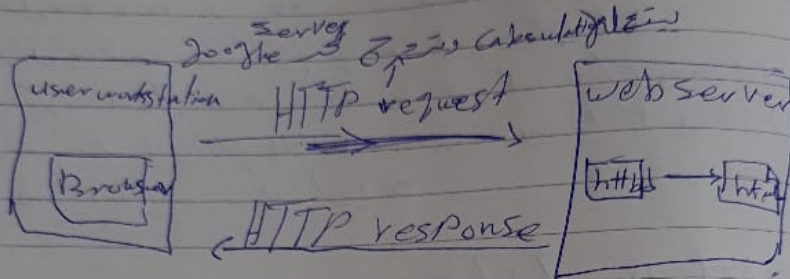


monolithic, microservices



Django Complete web flow

1. user hit URL using web browser
2. the web traffic all the way down to the OSI layers to reach the server end.
3. server ~~traf~~ translate the OSI reversal until it reach the web server / nginx / Apache
4. web server based on the port and domain route the request to the correct folder
5. Django up and running and according to the URL, the request hit the correct function
6. function either class based views ~~or~~ or function based views.
7. function run and at the end it refer to the HTML template and context data.
8. the web server again send the function data to the user in ~~response~~ response format include the HTML code and
9. user browser render the HTML sent by the server.



نبدأ بـ `function` `http response` نرجع للمبرمج نرجع للسيرفر

HTTP request

CRUD

- Create
- Read
- Update
- Delete

HTTP verbs

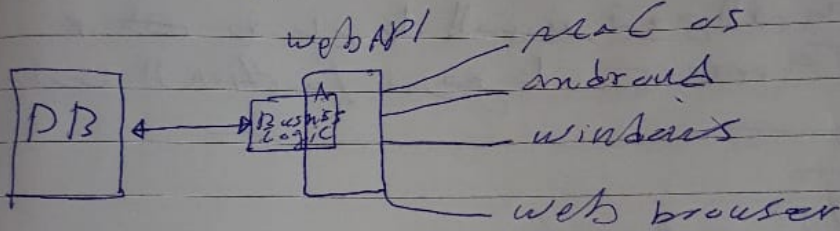
- POST
- GET
- PUT
- DELETE

Dj

1. use
2. the
- the
3. serv
- it re
4. web
- route
5. Djar
- URL,
6. func
- Function
7. funci
- HTML
8. the u
- data
- include
9. User
- the

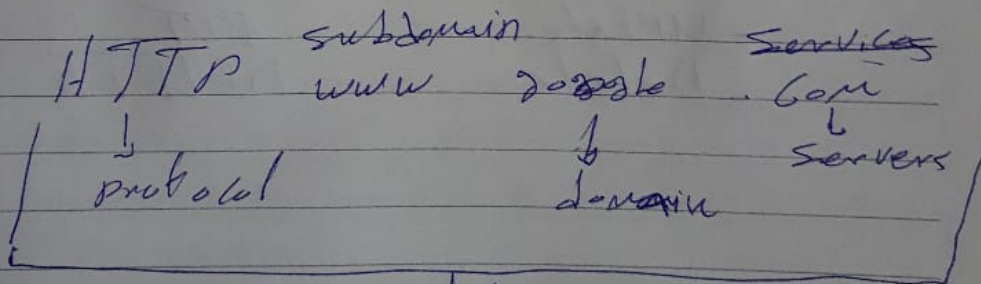
microservice
API URL
monolithic
microservice

what is API



headless

internet protocols > www > URLs > HTTP

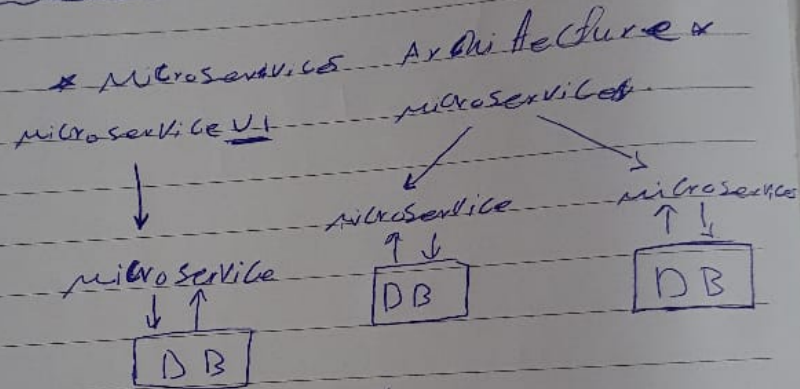


URL

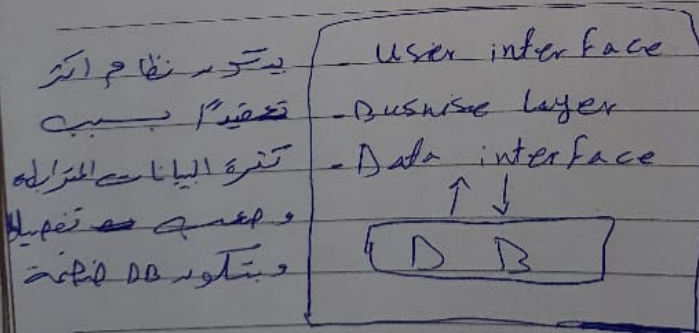
Uniform Resource Locator

Summary API

1. API
2. http methods
3. Monolithic, microservices



Monolithic Architecture



```

print("our project")
int x=5
int y=5
print(x+y)
    
```