

Laboratorul 12

Tehnologii Web

Obiectivele laboratorului



Recapitulare



Graphql

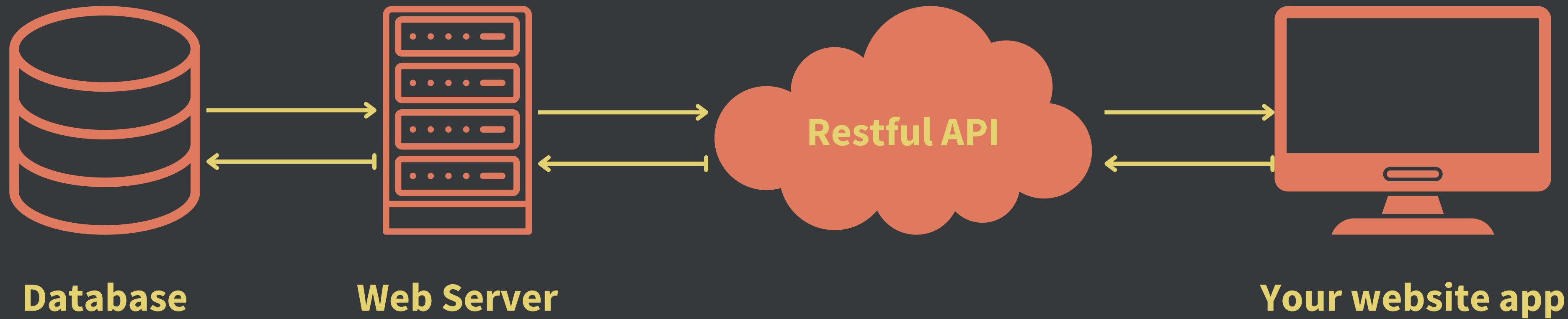


Microservicii

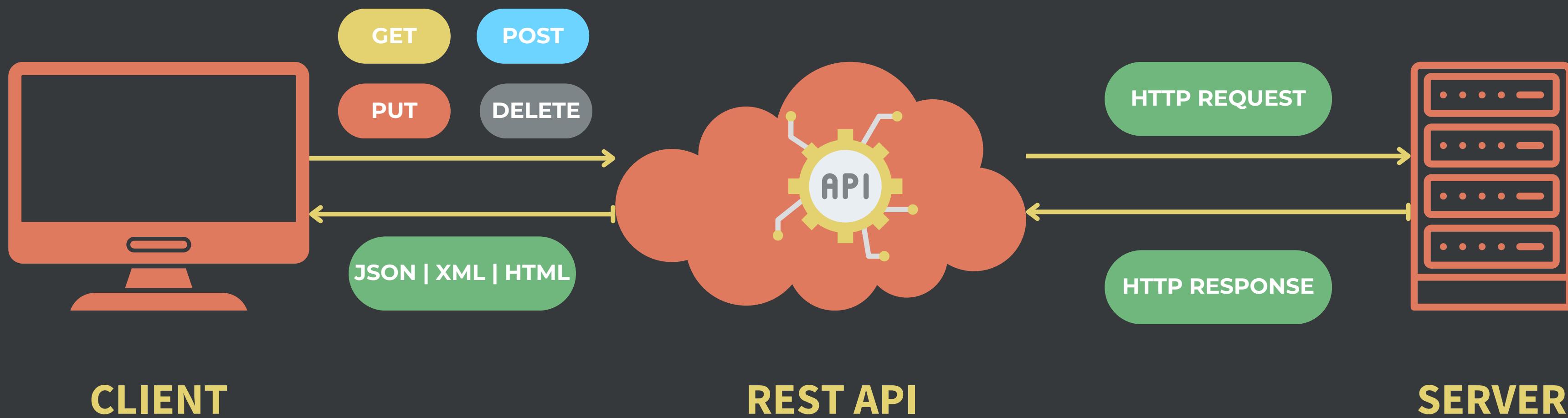


Open API

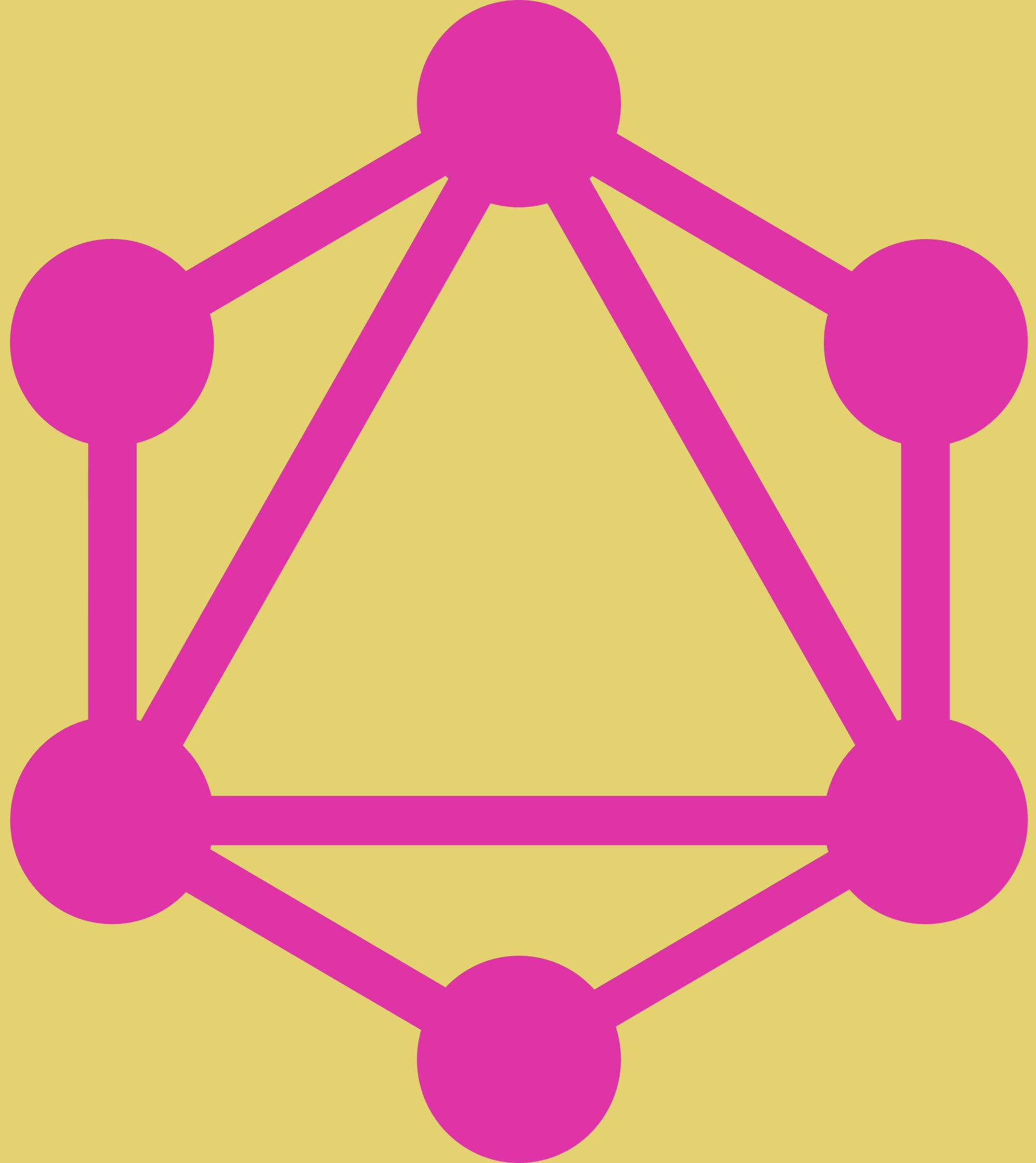
Recapitulare



REST API Model



GraphQL



Queries

```
{  
  hero {  
    name  
    friends {  
      name  
    }  
  }  
}
```

```
{  
  "hero" : {  
    "name" : "R2-D2",  
    "friends": [  
      {"name" : "Luke Skywalker"},  
      {"name" : "Han Solo"},  
      {"name" : "Leia Organa"}  
    ]  
  }  
}
```

Mutations

```
mutation AddNewPet( $name: String!, $petType: PetType) {  
    addPet(name: $name, petType: $petType) {  
        id  
        name  
        petType  
    }  
}
```

Type System (Model)

```
type BlogPost {  
    title: String!  
    author: User  
    body: String  
}
```

```
type User {  
    id: Id!  
    firstName: String  
    lastName: String  
}
```

Schema

```
$schema = new Schema( [  
    'query' => $queryType,  
    'mutation' => $mutationType,  
] );
```

Start Server

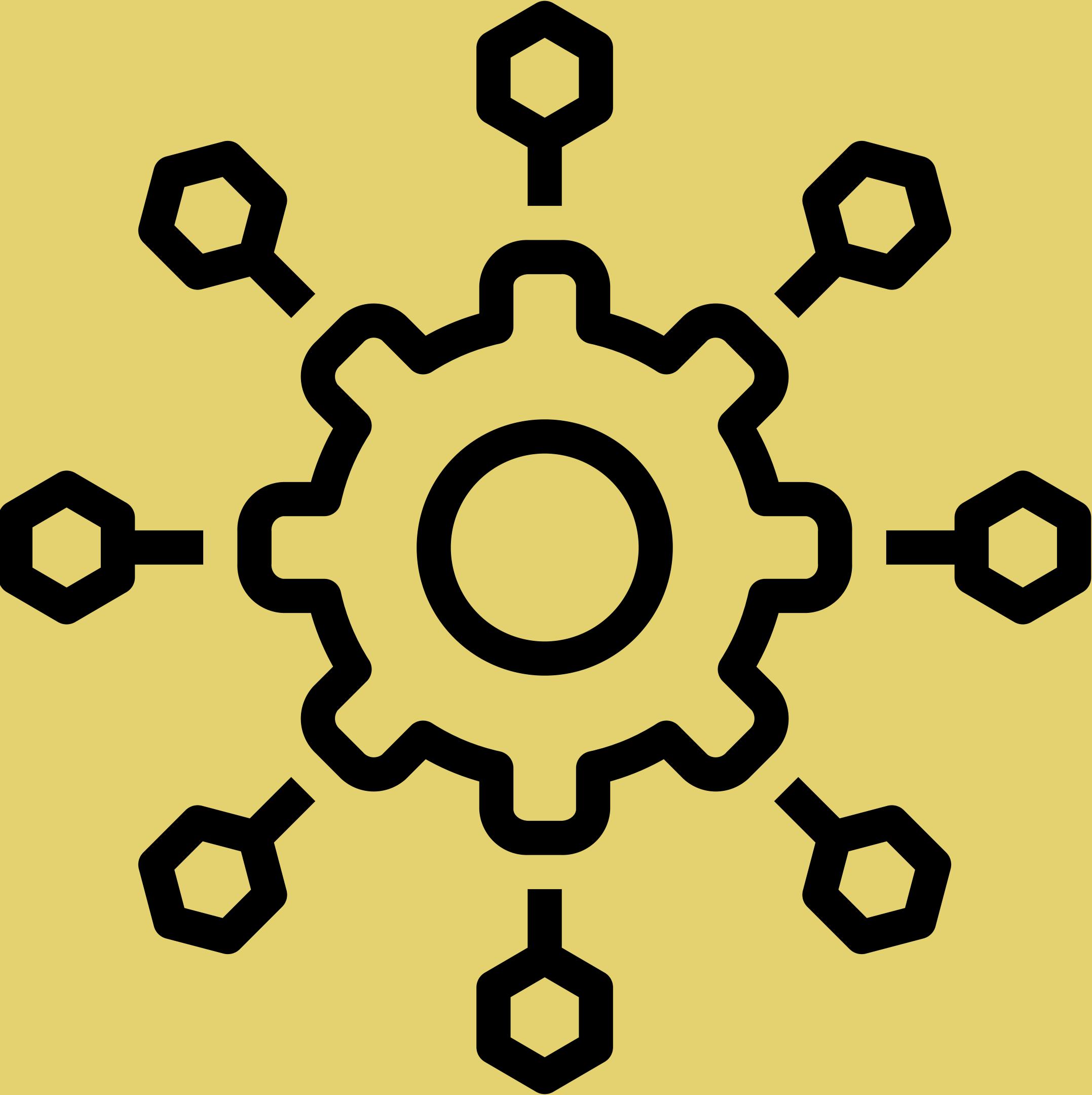
```
$server = new StandardServer([
    'schema' => $schema
]) ;

$server->handleRequest();
```



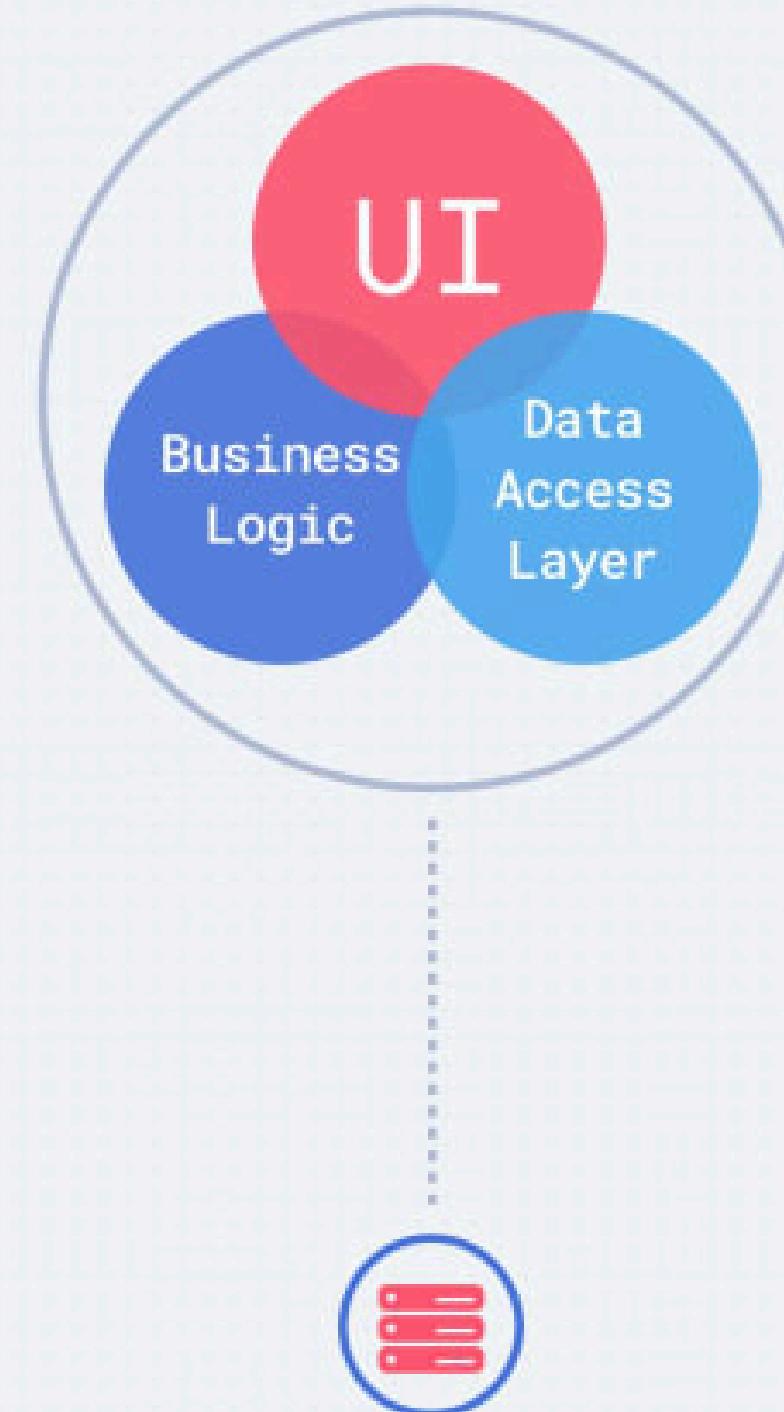
Cum funcționează

Microservicii

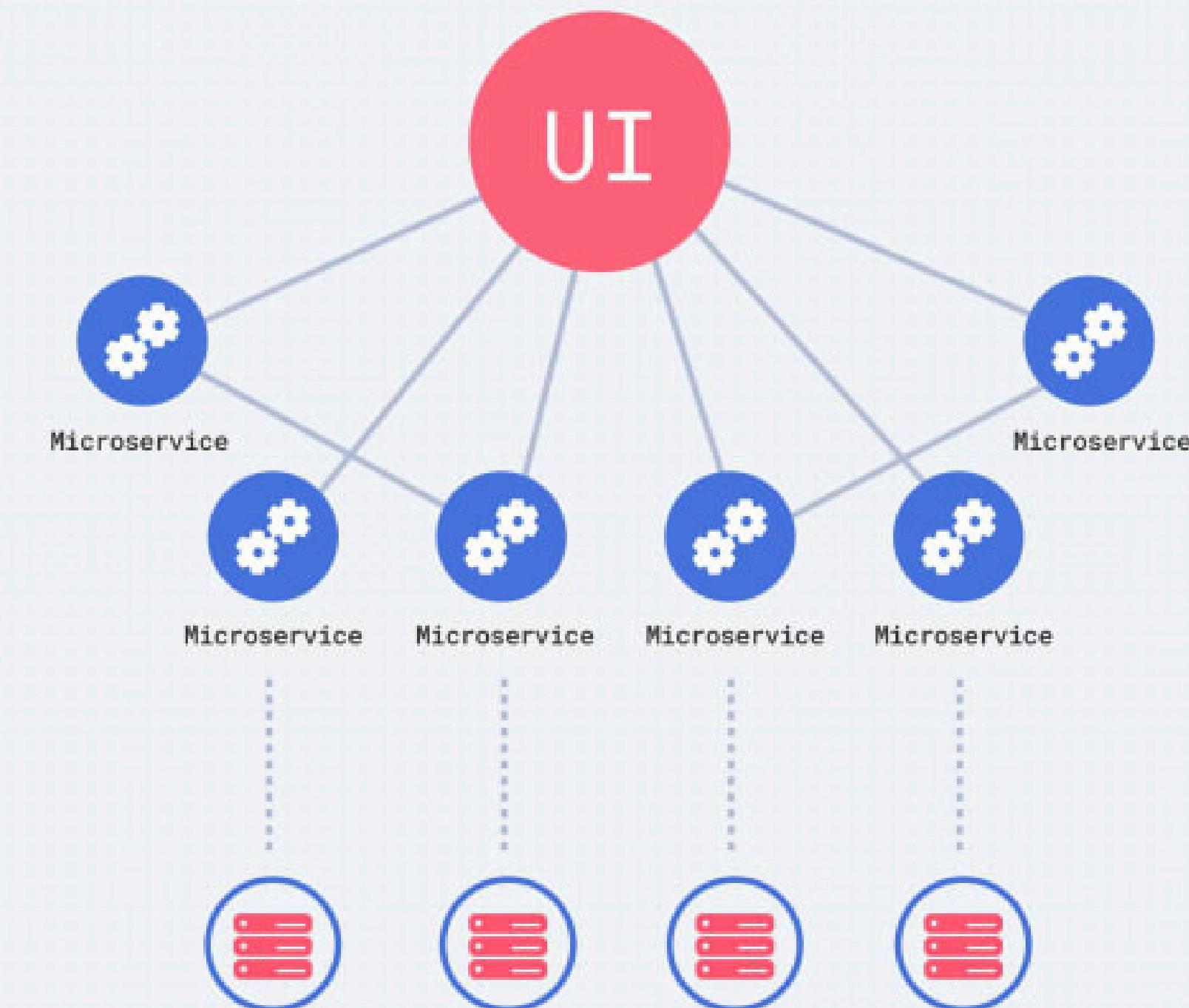


Microservicii

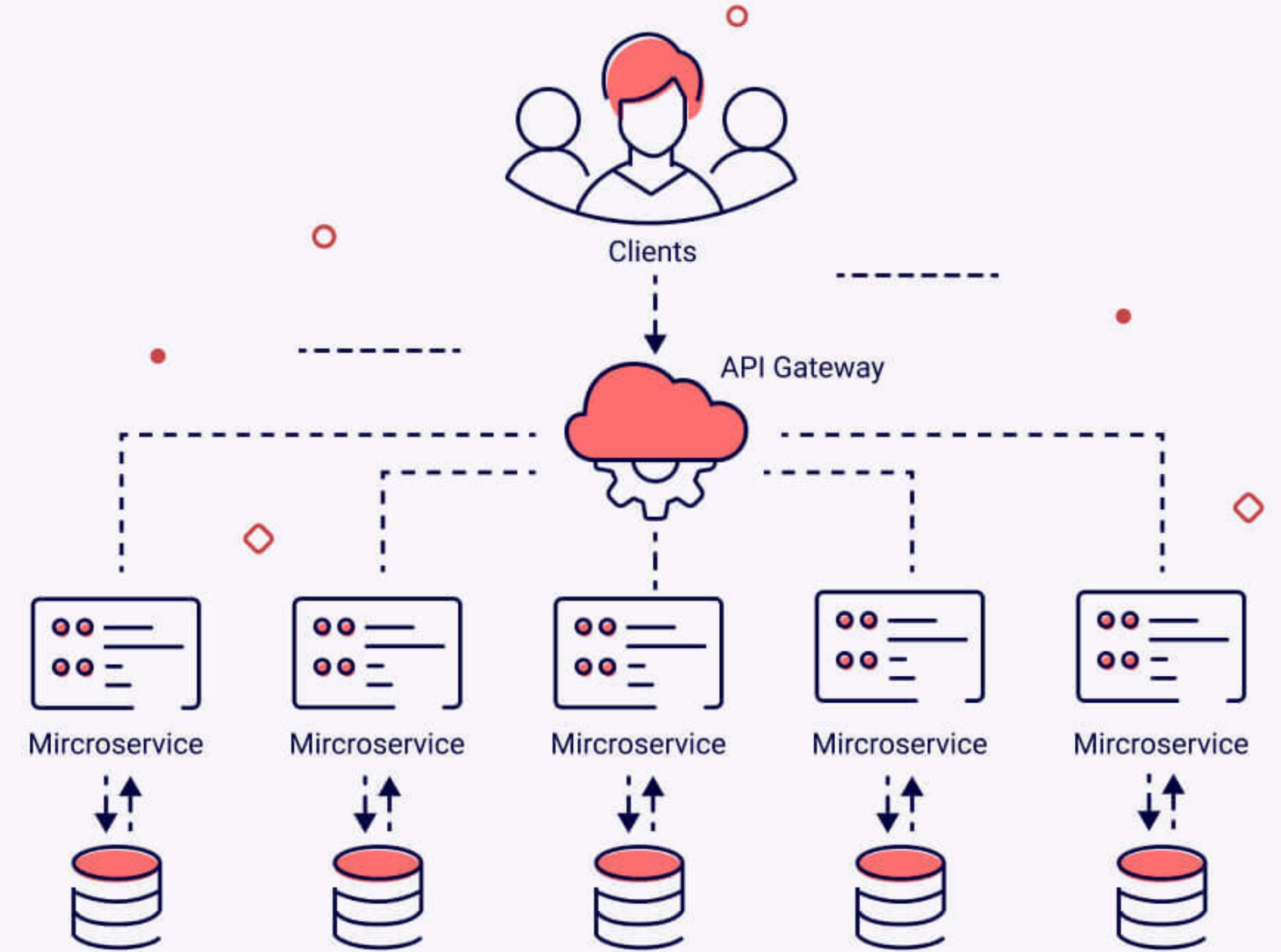
Monolithic Architecture



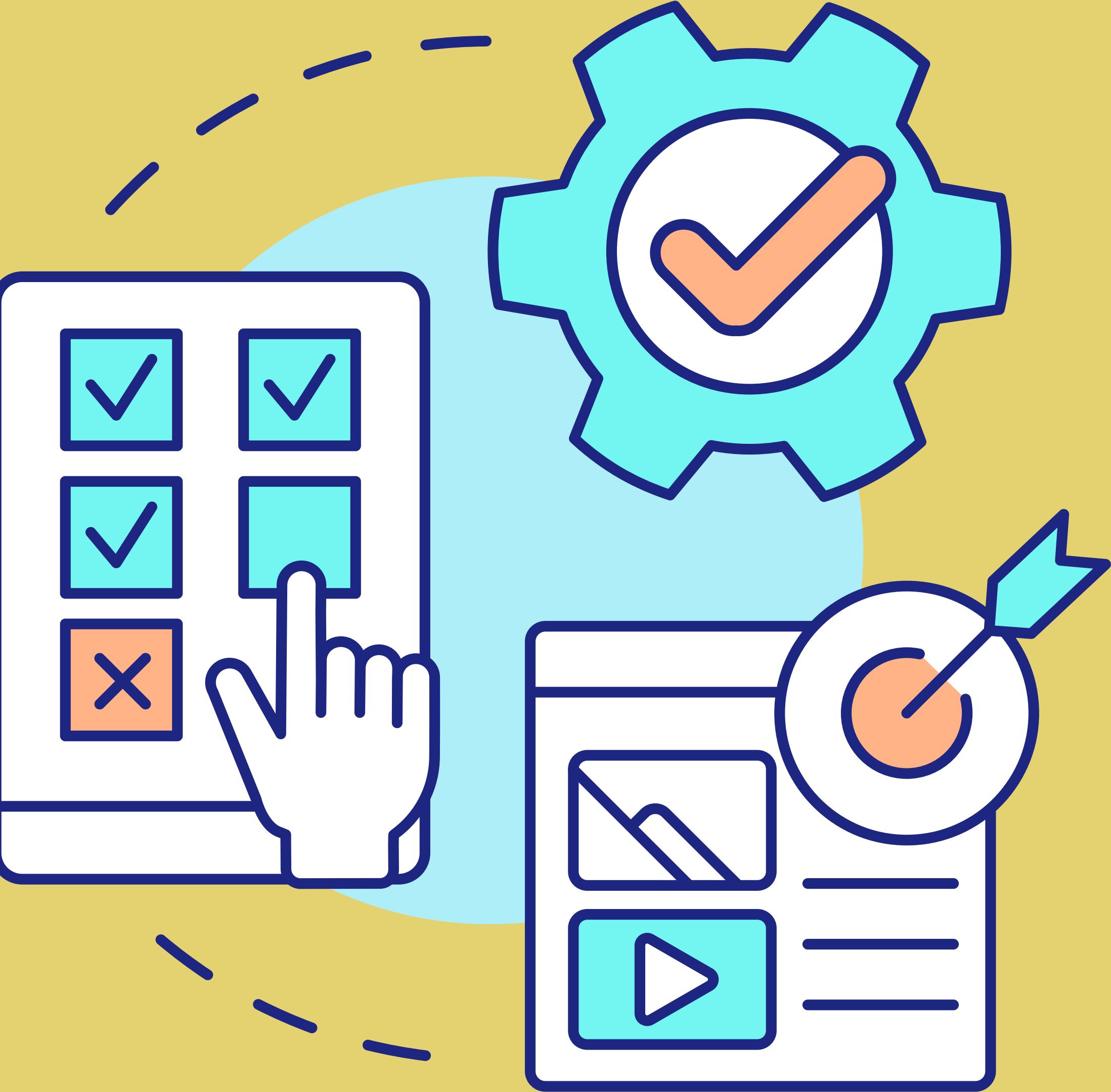
Microservices Architecture



Microservicii



OpenAPI Specification



Swagger

SMARTBEAR
SwaggerHub™

PetStoreSwagger 1.0.0 ▾

Export ▾

Swagger Petstore

1.0.0 OAS3

This is a sample Petstore server. You can find out more about Swagger at <http://swagger.io> or on [irc.freenode.net, #swagger](#).

[Terms of service](#)

[Contact the developer](#)

[Apache 2.0](#)

[Find out more about Swagger](#)

Servers

<https://petstore.swagger.io/v2>

[Authorize](#)

pet Everything about your Pets [Find out more](#) ▾

POST [/pet](#) Add a new pet to the store

PUT [/pet](#) Update an existing pet

GET [/pet/findByStatus](#) Finds Pets by status

GET [/pet/findByTags](#) Finds Pets by tags

GET [/pet/{petId}](#) Find pet by ID

POST [/pet/{petId}](#) Updates a pet in the store with form data

DELETE [/pet/{petId}](#) Deletes a pet



Cum funcționează

Exerciții

**“GIVE A MAN A FISH AND YOU
FEED HIM FOR A DAY; TEACH
A MAN TO FISH AND YOU
FEED HIM FOR A LIFETIME.**

”

— Maimonides