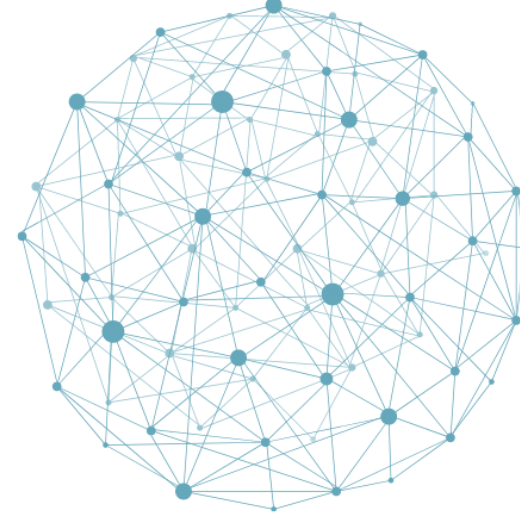


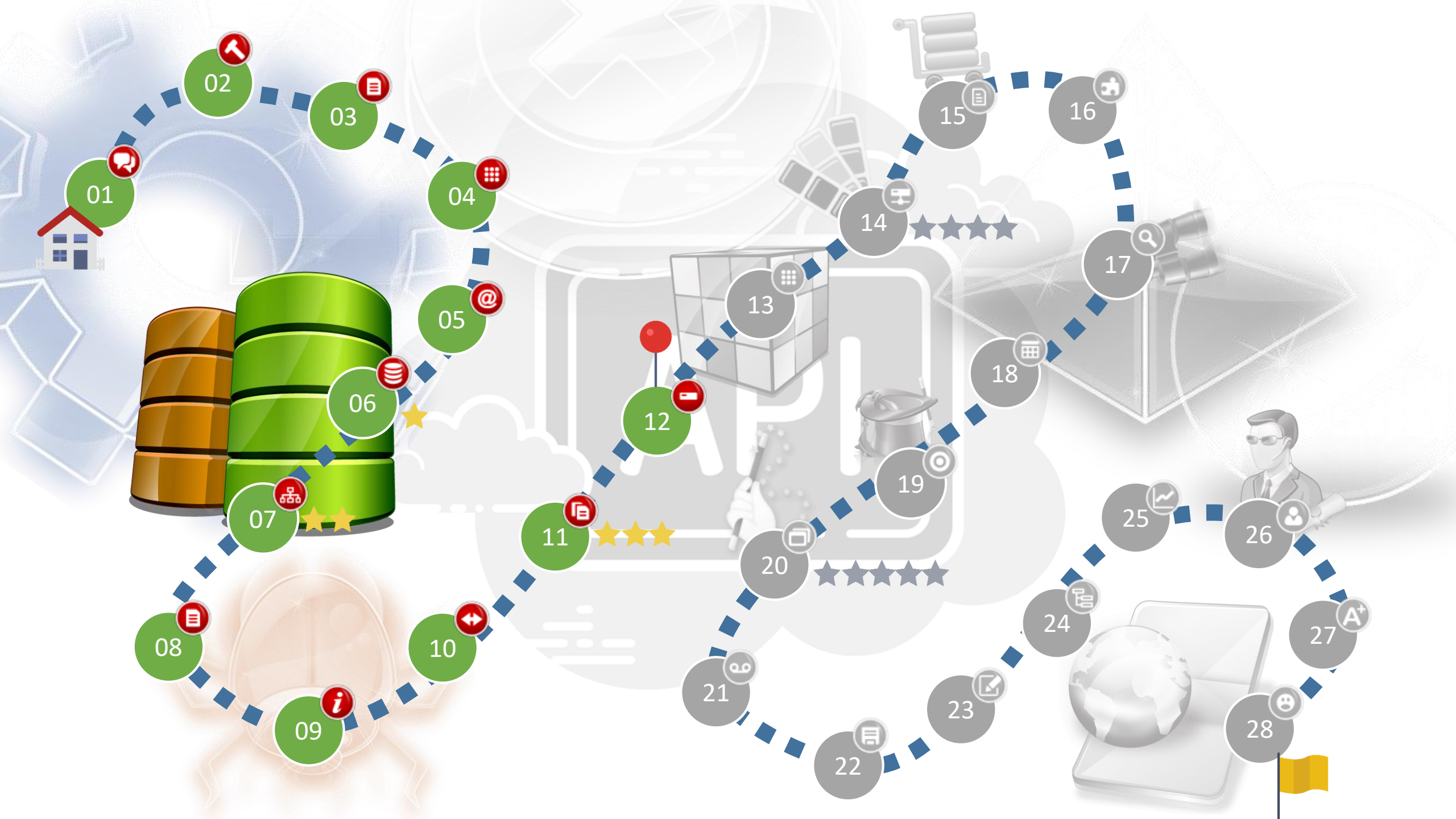


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Öğretim Üyesi



ASP.NET Core Web API

Doğrulama
Validation



Doğrulama

Validation

- [ApiController]
- Configure<ApiBehaviorOptions>
 - SuppressModelStateInvalidFilter
 - SuppressInferBindingSourcesForParameters
 - SuppressConsumesConstraintForFormFileParameters
 - SuppressMapClientErrors
- Model State
- 422 Unprocessable Entity
- Rerun Validation
- Built-in Attributes
- Custom Attributes
- IValidationObject

Doğrulama

[ApiController]

- [Attribute routing](#)
- [HTTP 400](#)
- [Binding source parameter inference](#)
- [Multi/part-data request inference](#)
- [Problem details for error status codes](#)

ControllerBase

Validation

- ControllerBase sağladığı bazı özellikler:

Method	Notes
BadRequest	Returns 400 status code.
NotFound	Returns 404 status code.
PhysicalFile	Returns a file.
TryUpdateModelAsync	Invokes model binding .
TryValidateModel	Invokes model validation .

ControllerBase için erişilebilir tüm liste için:

<https://learn.microsoft.com/en-us/dotnet/api/microsoft.aspnetcore.mvc.controllerbase?view=aspnetcore-6.0>

Attributes

Validation

- `Microsoft.AspNetCore.Mvc` namespace bazı Attribute ifadeleri sağlar.

Attribute	Notes
<code>[Route]</code>	Specifies URL pattern for a controller or action.
<code>[Bind]</code>	Specifies prefix and properties to include for model binding.
<code>[HttpGet]</code>	Identifies an action that supports the HTTP GET action verb.
<code>[Consumes]</code>	Specifies data types that an action accepts.
<code>[Produces]</code>	Specifies data types that an action returns.

Attributes

Validation

- Microsoft.AspNetCore.Mvc namespace bazı Attribute ifadeleri sağlar.

C#

Copy

```
[HttpPost]
[ProducesResponseType(StatusCodes.Status201Created)]
[ProducesResponseType(StatusCodes.Status400BadRequest)]
public ActionResult<Pet> Create(Pet pet)
{
    pet.Id = _petsInMemoryStore.Any() ?
        _petsInMemoryStore.Max(p => p.Id) + 1 : 1;
    _petsInMemoryStore.Add(pet);

    return CreatedAtAction(nameof(GetById), new { id = pet.Id }, pet);
}
```

Microsoft.AspNetCore.Mvc namespace:

<https://learn.microsoft.com/en-us/dotnet/api/microsoft.aspnetcore.mvc?view=aspnetcore-6.0>

Binding Source Parameter Interface

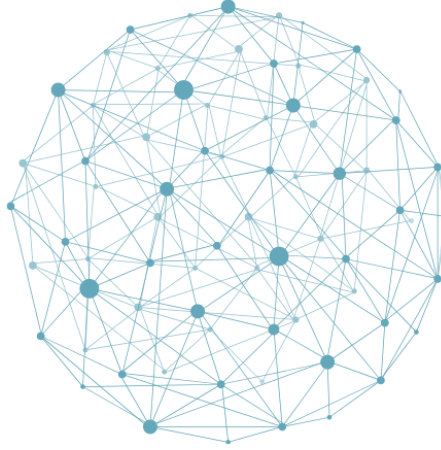
Validation

Attribute	Binding source
[FromBody]	Request body
[FromForm]	Form data in the request body
[FromHeader]	Request header
[FromQuery]	Request query string parameter
[FromRoute]	Route data from the current request
[FromServices]	The request service injected as an action parameter

Built-in Data Annotations

Validation

- [ValidateNever]
- [EmailAddress]
- [Phone]
- [Range]
- [RegularExpression]
- [Required]
- [StringLength]



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