

Namespace Oscars.Backend.Dtos

Classes

[AnswerDto](#)

[LoginDto](#)

Data Transfer Object (DTO) for user login.

[PollDto](#)

[QuestionDto](#)

[UniqueCodeDto](#)

Represents a unique code assigned to a voter.

[UserDto](#)

[VoteRequestDto](#)

Represents a request to cast a vote in a poll.

[VoteResultDto](#)

Represents a request to cast a vote result in a poll.

[VoterDto](#)

[VoterWithCodeDto](#)

Represents a voter with an associated code in the polling system.

Class AnswerDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

```
public class AnswerDto
```

Inheritance

[object](#) ← AnswerDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

QuestionId

```
public required int QuestionId { get; set; }
```

Property Value

[int](#)

Title

```
public required string Title { get; set; }
```

Property Value

[string](#) ↗

Class LoginDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

Data Transfer Object (DTO) for user login.

```
public class LoginDto
```

Inheritance

[object](#) ← LoginDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Password

```
public required string Password { get; set; }
```

Property Value

[string](#)

Username

```
public required string Username { get; set; }
```

Property Value

[string](#)

Class PollDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

```
public class PollDto
```

Inheritance

[object](#) ← PollDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Created_at

```
public required DateTime Created_at { get; set; }
```

Property Value

[DateTime](#)

Description

```
public string? Description { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int ↗](#)

Title

```
public required string Title { get; set; }
```

Property Value

[string ↗](#)

Updated_at

```
public DateTime? Updated_at { get; set; }
```

Property Value

[DateTime ↗?](#)

UserId

```
public required int UserId { get; set; }
```

Property Value

[int ↗](#)

Class QuestionDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

```
public class QuestionDto
```

Inheritance

[object](#) ← QuestionDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Description

```
public required string Description { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

Title

```
public required string Title { get; set; }
```

Property Value

[string](#) ↗

pollId

```
public required int pollId { get; set; }
```

Property Value

[int](#) ↗

Class UniqueCodeDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

Represents a unique code assigned to a voter.

```
public class UniqueCodeDto
```

Inheritance

[object](#) ← UniqueCodeDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Code

```
public required string Code { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

Used

```
public required bool Used { get; set; }
```

Property Value

[bool ↗](#)

VoterId

```
public required int VoterId { get; set; }
```

Property Value

[int ↗](#)

Class UserDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

```
public class UserDto
```

Inheritance

[object](#) ← UserDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Email

```
public required string Email { get; set; }
```

Property Value

[string](#)

Id

```
public int Id { get; set; }
```

Property Value

[int](#)

Password

```
public required string Password { get; set; }
```

Property Value

[string](#) ↗

Role

```
public required string Role { get; set; }
```

Property Value

[string](#) ↗

Username

```
public required string Username { get; set; }
```

Property Value

[string](#) ↗

Class VoteRequestDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

Represents a request to cast a vote in a poll.

```
public class VoteRequestDto
```

Inheritance

[object](#) ← VoteRequestDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

AnswerId

```
public int AnswerId { get; set; }
```

Property Value

[int](#)

QuestionId

```
public int QuestionId { get; set; }
```

Property Value

[int](#)

VoterId

```
public int VoterId { get; set; }
```

Property Value

[int ↗](#)

Class VoteResultDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

Represents a request to cast a vote result in a poll.

```
public class VoteResultDto
```

Inheritance

[object](#) ← VoteResultDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Answer

```
public string? Answer { get; set; }
```

Property Value

[string](#)

AnswerId

```
public int AnswerId { get; set; }
```

Property Value

[int](#)

VoteCount

```
public int VoteCount { get; set; }
```

Property Value

[int ↗](#)

Class VoterDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

```
public class VoterDto
```

Inheritance

[object](#) ← VoterDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Email

```
public string? Email { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

Name

```
public required string Name { get; set; }
```

Property Value

[string](#) ↗

PollId

Represents a Data Transfer Object (DTO) for a voter in the PollZ platform.

```
public required int PollId { get; set; }
```

Property Value

[int](#) ↗

Class VoterWithCodeDto

Namespace: [Oscars.Backend.Dtos](#)

Assembly: Oscars.dll

Represents a voter with an associated code in the polling system.

```
public class VoterWithCodeDto
```

Inheritance

[object](#) ← VoterWithCodeDto

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Code

```
public required string Code { get; set; }
```

Property Value

[string](#)

Email

```
public string? Email { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int ↗](#)

Name

```
public required string Name { get; set; }
```

Property Value

[string ↗](#)

PollId

```
public required int PollId { get; set; }
```

Property Value

[int ↗](#)

Used

```
public required bool Used { get; set; }
```

Property Value

[bool ↗](#)

Namespace Oscars.Backend.Model

Classes

[Answer](#)

Represents an answer to a question in the PollZ platform.

[Poll](#)

Represents a poll created by a user.

[Question](#)

Represents a question in a poll.

[UniqueCode](#)

Represents a unique code associated with a voter.

[Vote](#)

Represents a vote in the polling system.

[Voter](#)

Represents a voter in a poll.

Class Answer

Namespace: [Oscars.Backend.Model](#)

Assembly: Oscars.dll

Represents an answer to a question in the PollZ platform.

```
public class Answer
```

Inheritance

[object](#) ← Answer

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

QuestionId

```
public required int QuestionId { get; set; }
```

Property Value

[int](#)

Title

```
public required string Title { get; set; }
```

Property Value

[string](#) ↗

Class Poll

Namespace: [Oscars.Backend.Model](#)

Assembly: Oscars.dll

Represents a poll created by a user.

```
public class Poll
```

Inheritance

[object](#) ← Poll

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Created_at

```
public required DateTime Created_at { get; set; }
```

Property Value

[DateTime](#)

Description

```
public string? Description { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int ↗](#)

Title

```
public required string Title { get; set; }
```

Property Value

[string ↗](#)

Updated_at

```
public DateTime? Updated_at { get; set; }
```

Property Value

[DateTime ↗?](#)

UserId

```
public required int UserId { get; set; }
```

Property Value

[int ↗](#)

Class Question

Namespace: [Oscars.Backend.Model](#)

Assembly: Oscars.dll

Represents a question in a poll.

```
public class Question
```

Inheritance

[object](#) ← Question

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Description

```
public required string Description { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

Title

```
public required string Title { get; set; }
```

Property Value

[string ↗](#)

pollId

```
public required int pollId { get; set; }
```

Property Value

[int ↗](#)

Class UniqueCode

Namespace: [Oscars.Backend.Model](#)

Assembly: Oscars.dll

Represents a unique code associated with a voter.

```
public class UniqueCode
```

Inheritance

[object](#) ← UniqueCode

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Remarks

This class is used to generate and manage unique codes for voters. Each unique code has an identifier, a voter identifier, the code itself, and a flag indicating whether the code has been used.

Properties

Code

```
public required string Code { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

Used

```
public required bool Used { get; set; }
```

Property Value

[bool](#)

VoterId

```
public required int VoterId { get; set; }
```

Property Value

[int](#)

Methods

Generate()

Generates a random 6-character string consisting of uppercase letters, lowercase letters, and digits.

```
public string Generate()
```

Returns

[string](#)

A randomly generated 6-character string.

Class Vote

Namespace: [Oscars.Backend.Model](#)

Assembly: Oscars.dll

Represents a vote in the polling system.

```
public class Vote
```

Inheritance

[object](#) ← Vote

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Remarks

The [Vote](#) class contains information about a vote, including the IDs of the vote, answer, question, and voter, as well as timestamps for when the vote was created and last updated.

Properties

AnswerId

```
public required int AnswerId { get; set; }
```

Property Value

[int](#)

CreatedAt

```
public required DateTime CreatedAt { get; set; }
```

Property Value

[DateTime](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

QuestionId

```
public required int QuestionId { get; set; }
```

Property Value

[int](#)

UpdatedAt

```
public DateTime UpdatedAt { get; set; }
```

Property Value

[DateTime](#)

VoterId

```
public required int VoterId { get; set; }
```

Property Value

[int](#)

Class Voter

Namespace: [Oscars.Backend.Model](#)

Assembly: Oscars.dll

Represents a voter in a poll.

```
public class Voter
```

Inheritance

[object](#) ← Voter

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Email

```
public string? Email { get; set; }
```

Property Value

[string](#)

Id

```
public required int Id { get; set; }
```

Property Value

[int](#)

Name

```
public required string Name { get; set; }
```

Property Value

[string](#) ↗

PollId

```
public required int PollId { get; set; }
```

Property Value

[int](#) ↗

Namespace Oscars.Backend.Router

Classes

[AnswerRouter](#)

[LoginRouter](#)

Router for handling authentication-related requests.

[PollRouter](#)

Router for handling poll-related requests.

[QuestionRouter](#)

Router for handling question-related requests.

[UserRouter](#)

Router for handling user-related requests.

[VoteRouter](#)

Router for handling vote-related requests.

[VoterRouter](#)

Router for handling voter-related requests.

Class AnswerRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

```
[ApiController]
[Route("api/answer")]
public class AnswerRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← AnswerRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,
[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,
[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
[ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,

[ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,

[ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,

```
 ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\) ,
 ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\) ,
 ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\) ,
 ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\) ,
 ControllerBase.TryUpdateModelAsync\(object, Type, string\) ,
 ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)
↗ ,
 ControllerBase.TryValidateModel\(object\) ,  ControllerBase.TryValidateModel\(object, string\) ,
 ControllerBase.HttpContext ,  ControllerBase.Request ,  ControllerBase.Response ,
 ControllerBase.RouteData ,  ControllerBase.ModelState ,  ControllerBase.ControllerContext ,
 ControllerBase.MetadataProvider ,  ControllerBase.ModelBinderFactory ,  ControllerBase.Url ,
 ControllerBase.ObjectValidator ,  ControllerBase.ProblemDetailsFactory ,  ControllerBase.User ,
 ControllerBase.Empty ,  object.Equals\(object\) ,  object.Equals\(object, object\) ,
 object.GetHashCode\(\) ,  object.GetType\(\) ,  object.MemberwiseClone\(\) ,
 object.ReferenceEquals\(object, object\) ,  object.ToString\(\)
```

Constructors

AnswerRouter(AnswerService)

```
public AnswerRouter(AnswerService answerService)
```

Parameters

answerService [AnswerService](#)

Methods

Create(AnswerDto)

Handles HTTP POST requests to create a new answer.

```
[HttpPost]
public ActionResult Create(AnswerDto answerDto)
```

Parameters

`answerDto` [AnswerDto](#)

The data transfer object containing the answer details.

Returns

[ActionResult](#)

An [ActionResult](#) that contains the created answer and a location header with the URL to retrieve the answer by its ID.

Delete(int)

Deletes an answer with the specified id.

```
[HttpDelete("{id}")]
public ActionResult Delete(int id)
```

Parameters

`id` [int](#)

The id of the answer to delete.

Returns

[ActionResult](#)

Returns a [ActionResult](#). If the id is invalid, returns a [BadRequestResult](#) with an error message. If the deletion is successful, returns a [NoContentResult](#).

GetAll()

Handles HTTP GET requests to retrieve all answers.

```
[HttpGet]
public ActionResult GetAll()
```

Returns

[ActionResult](#)

An [ActionResult](#) containing the list of all answers if found; otherwise, a [NotFoundResult](#) result with a message indicating no answers were found.

GetById(int)

Handles HTTP GET requests to retrieve an answer by its ID.

```
[HttpGet("{id}")]
public ActionResult GetById(int id)
```

Parameters

`id` [int](#)

The ID of the answer to retrieve.

Returns

[ActionResult](#)

An [ActionResult](#) containing the answer if found, or a `NotFound` result if the answer does not exist.

GetByQuestionId(int)

Retrieves answers by the specified question ID.

```
[HttpGet("question/{questionId}")]
public ActionResult GetByQuestionId(int questionId)
```

Parameters

`questionId` [int](#)

The ID of the question to retrieve answers for.

Returns

[ActionResult](#)

An [ActionResult](#) containing the answers for the specified question ID. Returns a 404 Not Found response if no answers are found.

Update(int, AnswerDto)

Updates an existing answer with the specified id.

```
[HttpPut("{id}")]
public ActionResult Update(int id, AnswerDto answerDto)
```

Parameters

[id int](#)

The id of the answer to update.

[answerDto AnswerDto](#)

The data transfer object containing the updated answer details.

Returns

[ActionResult](#)

Returns a [ActionResult](#) indicating the result of the update operation. If the id is invalid, returns a [BadRequestResult](#) with an error message. If the update is successful, returns a [NoContentResult](#).

Class LoginRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

Router for handling authentication-related requests.

```
[EnableCors("AllowFrontend")]
[ApiController]
[Route("api/auth")]
public class LoginRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← LoginRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
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[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,

[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

LoginRouter(IAuthService)

Initializes a new instance of the [LoginRouter](#) class.

```
public LoginRouter(IAuthService authService)
```

Parameters

authService [IAuthService](#)

The authentication service.

Methods

Login(LoginDto)

Logs in a user.

```
[HttpPost("login")]
public Task<IActionResult> Login(LoginDto loginDto)
```

Parameters

`loginDto` [LoginDto](#)

The login data transfer object containing login details.

Returns

[Task](#) <[IActionResult](#)>

An [IActionResult](#) indicating the result of the login attempt.

Register(UserDto)

Registers a new user.

```
[HttpPost("register")]
public Task<IActionResult> Register(UserDto userDto)
```

Parameters

`userDto` [UserDto](#)

The user data transfer object containing registration details.

Returns

[Task](#) <[IActionResult](#)>

An [IActionResult](#) indicating the result of the registration.

Class PollRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

Router for handling poll-related requests.

```
[ApiController]
[Route("api/polls")]
public class PollRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← PollRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,
[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,

[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?\)](#) ,
 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

PollRouter(PollService)

Router for handling poll-related requests.

```
public PollRouter(PollService pollService)
```

Parameters

pollService [PollService](#)

Methods

Create(PollDto)

Creates a new poll.

```
[HttpPost]  
public ActionResult Create(PollDto pollDto)
```

Parameters

pollDto [PollDto](#)

The poll data transfer object containing poll details.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the creation.

Delete(int)

Deletes a poll by its ID.

```
[HttpDelete("{id}")]  
public ActionResult Delete(int id)
```

Parameters

id [int](#)

The poll ID.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the deletion.

GetAll()

Gets all polls.

```
[HttpGet]  
public ActionResult GetAll()
```

Returns

[ActionResult](#)

An [ActionResult](#) containing the list of polls.

GetById(int)

Gets a poll by its ID.

```
[HttpGet("{id}")]  
public ActionResult GetById(int id)
```

Parameters

id [int](#)

The poll ID.

Returns

[ActionResult](#)

An [ActionResult](#) containing the poll.

Update(int, PollDto)

Updates an existing poll.

```
[HttpPut("{id}")]  
public ActionResult Update(int id, PollDto pollDto)
```

Parameters

id [int](#)

The poll ID.

pollDto [PollDto](#)

The poll data transfer object containing updated poll details.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the update.

Class QuestionRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

Router for handling question-related requests.

```
[ApiController]
[Route("api/question")]
public class QuestionRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← QuestionRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
[ControllerBase.RedirectToAction\(string\)](#) , [ControllerBase.RedirectToAction\(string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
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 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
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 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
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 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
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 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
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 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
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 [ControllerBase.Accepted\(object\)](#) , [ControllerBase.Accepted\(Uri\)](#) , [ControllerBase.Accepted\(string\)](#) ,
 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string\)](#) , [ControllerBase.AcceptedAtAction\(string, string\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(object\)](#) , [ControllerBase.AcceptedAtRoute\(string\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object\)](#) , [ControllerBase.AcceptedAtRoute\(object, object\)](#) ,
 [ControllerBase.AcceptedAtRoute\(string, object, object\)](#) , [ControllerBase.Challenge\(\)](#) ,
 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal\)](#) , [ControllerBase.SignIn\(ClaimsPrincipal, string\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

QuestionRouter(QuestionService)

Router for handling question-related requests.

```
public QuestionRouter(QuestionService questionService)
```

Parameters

questionService [QuestionService](#)

Methods

Create(QuestionDto)

Creates a new question.

```
[HttpPost]  
public ActionResult Create(QuestionDto questionDto)
```

Parameters

questionDto [QuestionDto](#)

The question data transfer object containing question details.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the creation.

DeleteCategory(int)

Deletes a question by its ID.

```
[HttpDelete("{id}")]  
public ActionResult DeleteCategory(int id)
```

Parameters

id [int](#)

The question ID.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the deletion.

GetAll()

Gets all questions.

```
[HttpGet]  
public ActionResult GetAll()
```

Returns

[ActionResult](#)

An [ActionResult](#) containing the list of questions.

GetById(int)

Gets a question by its ID.

```
[HttpGet("{id}")]  
public ActionResult GetById(int id)
```

Parameters

id [int](#)

The question ID.

Returns

[ActionResult](#)

An [ActionResult](#) containing the question.

GetByPollId(int)

Gets questions by poll ID.

```
[HttpGet("poll/{pollId}")]  
public ActionResult GetByPollId(int pollId)
```

Parameters

pollId [int](#)

The poll ID.

Returns

[ActionResult](#)

An [ActionResult](#) containing the questions.

Update(int, QuestionDto)

Updates an existing question.

```
[HttpPut("{id}")]
public ActionResult Update(int id, QuestionDto questionDto)
```

Parameters

id [int](#)

The question ID.

questionDto [QuestionDto](#)

The question data transfer object containing updated question details.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the update.

Class UserRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

Router for handling user-related requests.

```
[ApiController]
[Route("api/users")]
public class UserRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← UserRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
[ControllerBase.LocalRedirectPermanent\(string\)](#) , [ControllerBase.LocalRedirectPreserveMethod\(string\)](#) ,
[ControllerBase.LocalRedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.RedirectToAction\(\)](#) ,
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[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,
[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,

[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.File\(byte\[\], string\)](#) , [ControllerBase.File\(byte\[\], string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string\)](#) , [ControllerBase.File\(byte\[\], string, string, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(byte\[\], string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string\)](#) , [ControllerBase.File\(Stream, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string\)](#) , [ControllerBase.File\(Stream, string, string, bool\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.File\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string\)](#) , [ControllerBase.PhysicalFile\(string, string, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
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 [ControllerBase.CreatedAtAction\(string, string, object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object\)](#) , [ControllerBase.CreatedAtRoute\(object, object\)](#) ,
 [ControllerBase.CreatedAtRoute\(string, object, object\)](#) , [ControllerBase.Accepted\(\)](#) ,
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 [ControllerBase.Accepted\(string, object\)](#) , [ControllerBase.Accepted\(Uri, object\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
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 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
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 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
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 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

UserRouter(IUserService)

Router for handling user-related requests.

```
public UserRouter(IUserService userService)
```

Parameters

userService [IUserService](#)

Methods

CreateUser(UserDto)

Creates a new user.

```
[HttpPost]  
public IActionResult CreateUser(UserDto userDto)
```

Parameters

userDto [UserDto](#)

The user data transfer object containing user details.

Returns

[IActionResult](#)

An [IActionResult](#) indicating the result of the creation.

DeleteUser(int)

Deletes a user by their ID.

```
[HttpDelete("{id}")]  
public IActionResult DeleteUser(int id)
```

Parameters

id [int](#)

The user ID.

Returns

[IActionResult](#)

An [IActionResult](#) indicating the result of the deletion.

GetAllUsers()

Gets all users.

```
[HttpGet]  
public IActionResult GetAllUsers()
```

Returns

[IActionResult](#)

An [IActionResult](#) containing the list of users.

GetUserById(int)

Gets a user by their ID.

```
[HttpGet("{id}")]  
public IActionResult GetUserById(int id)
```

Parameters

id [int](#)

The user ID.

Returns

[IActionResult](#)

An [IActionResult](#) containing the user.

UpdateUser(int, UserDto)

Updates an existing user.

```
[HttpPut("{id}")]  
public IActionResult UpdateUser(int id, UserDto userDto)
```

Parameters

id [int](#)

The user ID.

userDto [UserDto](#)

The user data transfer object containing updated user details.

Returns

[IActionResult](#)

An [IActionResult](#) indicating the result of the update.

Class VoteRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

Router for handling vote-related requests.

```
[ApiController]
[Route("api/vote")]
public class VoteRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← VoteRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
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[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
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[ControllerBase.RedirectToAction\(string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object\)](#) ,
[ControllerBase.RedirectToAction\(string, string, string\)](#) ,
[ControllerBase.RedirectToAction\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, string\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object\)](#) ,
[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToActionPermanentPreserveMethod\(string, string, object, string\)](#) ,
[ControllerBase.RedirectToRoute\(string\)](#) , [ControllerBase.RedirectToRoute\(object\)](#) ,
[ControllerBase.RedirectToRoute\(string, object\)](#) , [ControllerBase.RedirectToRoute\(string, string\)](#) ,

[ControllerBase.RedirectToRoute\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanent\(string, object, string\)](#) ,
 [ControllerBase.RedirectToRoutePermanentPreserveMethod\(string, object, string\)](#) ,
 [ControllerBase.RedirectToPage\(string\)](#) , [ControllerBase.RedirectToPage\(string, object\)](#) ,
 [ControllerBase.RedirectToPage\(string, string\)](#) , [ControllerBase.RedirectToPage\(string, string, object\)](#) ,
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 [ControllerBase.RedirectToPage\(string, string, object, string\)](#) ,
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 [ControllerBase.RedirectToPagePermanent\(string, object\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, string\)](#) ,
 [ControllerBase.RedirectToPagePermanent\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePreserveMethod\(string, string, object, string\)](#) ,
 [ControllerBase.RedirectToPagePermanentPreserveMethod\(string, string, object, string\)](#) ,
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 [ControllerBase.File\(Stream, string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.File\(string, string\)](#) , [ControllerBase.File\(string, string, bool\)](#) ,
 [ControllerBase.File\(string, string, string\)](#) , [ControllerBase.File\(string, string, string, bool\)](#) ,
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 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
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 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
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 [ControllerBase.Challenge\(params string\[\]\)](#) , [ControllerBase.Challenge\(AuthenticationProperties\)](#) ,
 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
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 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel\)](#) ,

[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
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 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
 [ControllerBase.HttpContext](#) , [ControllerBase.Request](#) , [ControllerBase.Response](#) ,
 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

VoteRouter(VoteService)

Router for handling vote-related requests.

```
public VoteRouter(VoteService voteService)
```

Parameters

voteService [VoteService](#)

Methods

GetResults(int)

Gets the results of a vote by question ID.

```
[HttpGet("{questionId}")]
public Task<IActionResult> GetResults(int questionId)
```

Parameters

questionId [int](#)

The question ID.

Returns

[Task](#)<[IActionResult](#)>

An [IActionResult](#) containing the vote results.

Insert(VoteRequestDto)

Inserts a new vote or updates an existing vote.

```
[HttpPost]
public Task<IActionResult> Insert(VoteRequestDto voteRequestDto)
```

Parameters

voteRequestDto [VoteRequestDto](#)

The vote request data transfer object containing vote details.

Returns

[Task](#)<[IActionResult](#)>

An [IActionResult](#) indicating the result of the vote insertion or update.

Class VoterRouter

Namespace: [Oscars.Backend.Router](#)

Assembly: Oscars.dll

Router for handling voter-related requests.

```
[ApiController]
[Route("api/voters")]
public class VoterRouter : ControllerBase
```

Inheritance

[object](#) ← [ControllerBase](#) ← VoterRouter

Inherited Members

[ControllerBase.StatusCode\(int\)](#) , [ControllerBase.StatusCode\(int, object\)](#) ,
[ControllerBase.Content\(string\)](#) , [ControllerBase.Content\(string, string\)](#) ,
[ControllerBase.Content\(string, string, Encoding\)](#) ,
[ControllerBase.Content\(string, MediaTypeHeaderValue\)](#) , [ControllerBase.NoContent\(\)](#) ,
[ControllerBase.Ok\(\)](#) , [ControllerBase.Ok\(object\)](#) , [ControllerBase.Redirect\(string\)](#) ,
[ControllerBase.RedirectPermanent\(string\)](#) , [ControllerBase.RedirectPreserveMethod\(string\)](#) ,
[ControllerBase.RedirectPermanentPreserveMethod\(string\)](#) , [ControllerBase.LocalRedirect\(string\)](#) ,
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[ControllerBase.RedirectToActionPermanent\(string, string, object, string\)](#) ,
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 [ControllerBase.File\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string, bool\)](#) ,

[ControllerBase.PhysicalFile\(string, string, DateTimeOffset?, EntityTagHeaderValue\)](#) ,
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 [ControllerBase.PhysicalFile\(string, string, string, DateTimeOffset?, EntityTagHeaderValue, bool\)](#) ,
 [ControllerBase.Unauthorized\(\)](#) , [ControllerBase.Unauthorized\(object\)](#) , [ControllerBase.NotFound\(\)](#) ,
 [ControllerBase.NotFound\(object\)](#) , [ControllerBase.BadRequest\(\)](#) ,
 [ControllerBase.BadRequest\(object\)](#) , [ControllerBase.BadRequest\(ModelStateDictionary\)](#) ,
 [ControllerBase.UnprocessableEntity\(\)](#) , [ControllerBase.UnprocessableEntity\(object\)](#) ,
 [ControllerBase.UnprocessableEntity\(ModelStateDictionary\)](#) , [ControllerBase.Conflict\(\)](#) ,
 [ControllerBase.Conflict\(object\)](#) , [ControllerBase.Conflict\(ModelStateDictionary\)](#) ,
 [ControllerBase.Problem\(string, string, int?, string, string\)](#) ,
 [ControllerBase.ValidationProblem\(ValidationProblemDetails\)](#) ,
 [ControllerBase.ValidationProblem\(ModelStateDictionary\)](#) , [ControllerBase.ValidationProblem\(\)](#) ,
 [ControllerBase.ValidationProblem\(string, string, int?, string, string, ModelStateDictionary\)](#) ,
 [ControllerBase.Created\(\)](#) , [ControllerBase.Created\(string, object\)](#) ,
 [ControllerBase.Created\(Uri, object\)](#) , [ControllerBase.CreatedAtAction\(string, object\)](#) ,
 [ControllerBase.CreatedAtAction\(string, object, object\)](#) ,
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 [ControllerBase.AcceptedAtAction\(string, string, object\)](#) ,
 [ControllerBase.AcceptedAtAction\(string, object, object\)](#) ,
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 [ControllerBase.Challenge\(AuthenticationProperties, params string\[\]\)](#) , [ControllerBase.Forbid\(\)](#) ,
 [ControllerBase.Forbid\(params string\[\]\)](#) , [ControllerBase.Forbid\(AuthenticationProperties\)](#) ,
 [ControllerBase.Forbid\(AuthenticationProperties, params string\[\]\)](#) ,
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 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties\)](#) ,
 [ControllerBase.SignIn\(ClaimsPrincipal, AuthenticationProperties, string\)](#) , [ControllerBase.SignOut\(\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties\)](#) , [ControllerBase.SignOut\(params string\[\]\)](#) ,
 [ControllerBase.SignOut\(AuthenticationProperties, params string\[\]\)](#) ,
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[ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, params Expression<Func<TModel, object>>\[\]\)](#) ,
 [ControllerBase.TryUpdateModelAsync<TModel>\(TModel, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
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 [ControllerBase.TryUpdateModelAsync\(object, Type, string, IValueProvider, Func<ModelMetadata, bool>\)](#) ,
 [ControllerBase.TryValidateModel\(object\)](#) , [ControllerBase.TryValidateModel\(object, string\)](#) ,
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 [ControllerBase.RouteData](#) , [ControllerBase.ModelState](#) , [ControllerBase.ControllerContext](#) ,
 [ControllerBase.MetadataProvider](#) , [ControllerBase.ModelBinderFactory](#) , [ControllerBase.Url](#) ,
 [ControllerBase.ObjectValidator](#) , [ControllerBase.ProblemDetailsFactory](#) , [ControllerBase.User](#) ,
 [ControllerBase.Empty](#) , [object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) ,
 [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) ,
 [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

VoterRouter(VoterService)

Router for handling voter-related requests.

```
public VoterRouter(VoterService voterService)
```

Parameters

voterService [VoterService](#)

Methods

Create(VoterDto)

Creates a new voter.

```
[HttpPost]  
public ActionResult Create(VoterDto voterDto)
```

Parameters

voterDto [VoterDto](#)

The voter data transfer object containing voter details.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the creation.

Delete(int)

Deletes a voter by their ID.

```
[HttpDelete("{id}")]  
public ActionResult Delete(int id)
```

Parameters

id [int](#)

The voter ID.

Returns

[ActionResult](#)

An [ActionResult](#) indicating the result of the deletion.

GetAll()

Gets all voters.

```
[HttpGet]  
public ActionResult GetAll()
```

Returns

[ActionResult](#)

An [ActionResult](#) containing the list of voters.

GetByCode(string)

Gets a voter by their code.

```
[HttpGet("voter/{code}")]  
public ActionResult<VoterWithCodeDto> GetByCode(string code)
```

Parameters

`code` [string](#)

The voter code.

Returns

[ActionResult](#) <[VoterWithCodeDto](#)>

An [ActionResult](#) containing the voter.

GetById(int)

Gets a voter by their ID.

```
[HttpGet("{id}")]  
public ActionResult GetById(int id)
```

Parameters

`id` [int](#)

The voter ID.

Returns

[ActionResult](#)

An [ActionResult](#) containing the voter.

GetByPoll(int)

Gets voters by poll ID.

```
[HttpGet("poll/{pollId}")]
public ActionResult GetByPoll(int pollId)
```

Parameters

pollId [int](#)

The poll ID.

Returns

[ActionResult](#)

An [ActionResult](#) containing the voters.

Update(int, VoterDto)

Updates an existing voter.

```
[HttpPut("{id}")]
public ActionResult Update(int id, VoterDto voterDto)
```

Parameters

id [int](#)

The voter ID.

voterDto [VoterDto](#)

The voter data transfer object containing updated voter details.

Returns

[ActionResult](#) ↗

An [ActionResult](#) indicating the result of the update.

UpdateCodeStatus(VoterWithCodeDto)

Updates the status of a voter by their code.

```
[HttpGet("code/{code}")]
public ActionResult UpdateCodeStatus(VoterWithCodeDto voterWithCodeDto)
```

Parameters

voterWithCodeDto [VoterWithCodeDto](#)

The voter data transfer object containing voter details and code.

Returns

[ActionResult](#) ↗

An [ActionResult](#) indicating the result of the update.

Namespace Oscars.Backend.Service

Classes

[AnswerService](#)

Service for handling answer-related operations.

[AuthService](#)

Service for handling authentication-related operations.

[AuthService.AuthResult](#)

Represents the result of an authentication operation.

[PollService](#)

Service for handling poll-related operations.

[QuestionService](#)

Service for handling question-related operations.

[UserService](#)

Service for handling user-related operations.

[VoteService](#)

Service for handling vote-related operations.

[VoterService](#)

Service for handling voter-related operations.

Interfaces

[IAuthService](#)

Interface for authentication service.

[IUserService](#)

Interface for user service.

Class AnswerService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling answer-related operations.

```
public class AnswerService
```

Inheritance

[object](#) ← AnswerService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

AnswerService(string)

Service for handling answer-related operations.

```
public AnswerService(string connectionString)
```

Parameters

connectionString [string](#)

Methods

Create(AnswerDto)

Creates a new answer.

```
public Answer Create(AnswerDto answersDto)
```

Parameters

`answersDto` [AnswerDto](#)

The answer data transfer object containing answer details.

Returns

[Answer](#)

The created [Answer](#).

Delete(int)

Deletes an answer by its ID.

```
public void Delete(int id)
```

Parameters

`id` [int](#)

The answer ID.

GetAll()

Gets all answers.

```
public List<AnswerDto> GetAll()
```

Returns

[List](#) <[AnswerDto](#)>

A list of [AnswerDto](#).

GetById(int)

Gets an answer by its ID.

```
public AnswerDto? GetById(int answerId)
```

Parameters

answerId [int](#)

The answer ID.

Returns

[AnswerDto](#)

An [AnswerDto](#) if found; otherwise, null.

GetByQuestionId(int)

Gets answers by question ID.

```
public List<AnswerDto> GetByQuestionId(int questionId)
```

Parameters

questionId [int](#)

The question ID.

Returns

[List](#) <[AnswerDto](#)>

A list of [AnswerDto](#).

Update(AnswerDto)

Updates an existing answer.

```
public Answer Update(AnswerDto answerDto)
```

Parameters

answerDto [AnswerDto](#)

The answer data transfer object containing updated answer details.

Returns

[Answer](#)

The updated [Answer](#).

Class AuthService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling authentication-related operations.

```
public class AuthService : IAuthService
```

Inheritance

[object](#) ← AuthService

Implements

[IAuthService](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

AuthService(string, IOptions<JwtSettings>)

Service for handling authentication-related operations.

```
public AuthService(string connectionString, IOptions<JwtSettings> jwtSettings)
```

Parameters

connectionString [string](#)

jwtSettings [IOptions](#)<JwtSettings>

Methods

LoginAsync(LoginDto)

Logs in a user.

```
public Task<AuthService.AuthResult> LoginAsync(LoginDto loginDto)
```

Parameters

`loginDto` [LoginDto](#)

The login data transfer object containing login details.

Returns

[Task](#) <[AuthService.AuthResult](#)>

An [AuthService.AuthResult](#) indicating the result of the login attempt.

RegisterAsync(UserDto)

Registers a new user.

```
public Task<AuthService.AuthResult> RegisterAsync(UserDto userDto)
```

Parameters

`userDto` [UserDto](#)

The user data transfer object containing registration details.

Returns

[Task](#) <[AuthService.AuthResult](#)>

An [AuthService.AuthResult](#) indicating the result of the registration.

Class AuthService.AuthResult

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Represents the result of an authentication operation.

```
public class AuthService.AuthResult
```

Inheritance

[object](#) ← AuthService.AuthResult

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Message

```
public string? Message { get; set; }
```

Property Value

[string](#)

Success

```
public bool Success { get; set; }
```

Property Value

[bool](#)

Token

```
public string? Token { get; set; }
```

Property Value

[string](#) ↗

Interface IAuthService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Interface for authentication service.

```
public interface IAuthService
```

Methods

LoginAsync(LoginDto)

Logs in a user.

```
Task<AuthService.AuthResult> LoginAsync(LoginDto loginDto)
```

Parameters

`loginDto` [LoginDto](#)

The login data transfer object containing login details.

Returns

[Task](#) <[AuthService](#).[AuthResult](#)>

An [AuthService](#).[AuthResult](#) indicating the result of the login attempt.

RegisterAsync(UserDto)

Registers a new user.

```
Task<AuthService.AuthResult> RegisterAsync(UserDto userDto)
```

Parameters

`userDto` [UserDto](#)

The user data transfer object containing registration details.

Returns

[Task](#) <[AuthService.AuthResult](#)>

An [AuthService.AuthResult](#) indicating the result of the registration.

Interface IUserService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Interface for user service.

```
public interface IUserService
```

Methods

CreateUser(UserDto)

```
void CreateUser(UserDto userDto)
```

Parameters

`userDto` [UserDto](#)

DeleteUser(int)

```
void DeleteUser(int id)
```

Parameters

`id` [int](#)

GetAllUsers()

```
IEnumerable<User> GetAllUsers()
```

Returns

[IEnumerable](#) <[User](#)>

GetUserById(int)

User [GetUserById](#)(int id)

Parameters

[id](#) [int](#)

Returns

[User](#)

UpdateUser(int, UserDto)

void [UpdateUser](#)(int id, UserDto userDto)

Parameters

[id](#) [int](#)

[userDto](#) [UserDto](#)

Class PollService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling poll-related operations.

```
public class PollService
```

Inheritance

[object](#) ← PollService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

PollService(string)

Service for handling poll-related operations.

```
public PollService(string connectionString)
```

Parameters

connectionString [string](#)

Methods

Create(PollDto)

Creates a new poll.

```
public Poll Create(PollDto pollDto)
```

Parameters

pollDto [PollDto](#)

The poll data transfer object containing poll details.

Returns

[Poll](#)

The created [Poll](#).

Delete(int)

Deletes a poll by its ID.

```
public void Delete(int id)
```

Parameters

id [int](#)

The poll ID.

GetAll()

Gets all polls.

```
public List<PollDto> GetAll()
```

Returns

[List](#) <[PollDto](#)>

A list of [PollDto](#).

GetById(int)

Gets a poll by its ID.

```
public PollDto? GetById(int pollId)
```

Parameters

pollId [int](#)

The poll ID.

Returns

[PollDto](#)

A [PollDto](#) if found; otherwise, null.

Update(PollDto)

Updates an existing poll.

```
public Poll Update(PollDto pollDto)
```

Parameters

pollDto [PollDto](#)

The poll data transfer object containing updated poll details.

Returns

[Poll](#)

The updated [Poll](#).

Class QuestionService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling question-related operations.

```
public class QuestionService
```

Inheritance

[object](#) ← QuestionService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

QuestionService(string)

Service for handling question-related operations.

```
public QuestionService(string connectionString)
```

Parameters

connectionString [string](#)

Methods

Create(QuestionDto)

Creates a new question.

```
public Question Create(QuestionDto questionDto)
```

Parameters

questionDto [QuestionDto](#)

The question data transfer object containing question details.

Returns

[Question](#)

The created [Question](#).

Delete(int)

Deletes a question by its ID.

```
public void Delete(int id)
```

Parameters

id [int](#)

The question ID.

GetAll()

Gets all questions.

```
public List<QuestionDto> GetAll()
```

Returns

[List](#) <[QuestionDto](#)>

A list of [QuestionDto](#).

GetById(int)

Gets a question by its ID.

```
public QuestionDto? GetById(int questionId)
```

Parameters

`questionId int`

The question ID.

Returns

[QuestionDto](#)

A [QuestionDto](#) if found; otherwise, null.

GetByPollId(int)

Gets questions by poll ID.

```
public List<QuestionDto> GetByPollId(int pollId)
```

Parameters

`pollId int`

The poll ID.

Returns

[List](#) <[QuestionDto](#)>

A list of [QuestionDto](#).

Update(QuestionDto)

Updates an existing question.

```
public Question Update(QuestionDto questionDto)
```

Parameters

questionDto [QuestionDto](#)

The question data transfer object containing updated question details.

Returns

[Question](#)

The updated [Question](#).

Class UserService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling user-related operations.

```
public class UserService : IUserService
```

Inheritance

[object](#) ← UserService

Implements

[IUserService](#)

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

UserService(string)

Service for handling user-related operations.

```
public UserService(string connectionString)
```

Parameters

connectionString [string](#)

Methods

CreateUser(UserDto)

Creates a new user.

```
public void CreateUser(UserDto userDto)
```

Parameters

userDto [UserDto](#)

The user data transfer object containing user details.

DeleteUser(int)

Deletes a user by their ID.

```
public void DeleteUser(int id)
```

Parameters

id [int](#)

The user ID.

GetAllUsers()

Gets all users.

```
public IEnumerable<User> GetAllUsers()
```

Returns

[IEnumerable](#) <[User](#)>

An enumerable collection of [User](#).

GetUserById(int)

Gets a user by their ID.

```
public User GetUserById(int id)
```

Parameters

id [int](#)

The user ID.

Returns

[User](#)

A [User](#) if found; otherwise, throws [KeyNotFoundException](#).

UpdateUser(int, UserDto)

Updates an existing user.

```
public void UpdateUser(int id, UserDto userDto)
```

Parameters

id [int](#)

The user ID.

userDto [UserDto](#)

The user data transfer object containing updated user details.

Class VoteService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling vote-related operations.

```
public class VoteService
```

Inheritance

[object](#) ← VoteService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

VoteService(string)

Service for handling vote-related operations.

```
public VoteService(string connectionString)
```

Parameters

connectionString [string](#)

Methods

Create(VoteRequestDto)

Creates a new vote.

```
public Task<bool> Create(VoteRequestDto voteRequestDto)
```

Parameters

`voteRequestDto` [VoteRequestDto](#)

The vote request data transfer object containing vote details.

Returns

[Task](#)<[bool](#)>

A boolean indicating whether the vote was successfully created.

GetResultsAsync(int)

Gets the results of a vote by question ID.

```
public Task<List<VoteResultDto>> GetResultsAsync(int questionId)
```

Parameters

`questionId` [int](#)

The question ID.

Returns

[Task](#)<[List](#)<[VoteResultDto](#)>>

A list of [VoteResultDto](#) containing the vote results.

HasVotedAsync(VoteRequestDto)

Checks if a voter has already voted.

```
public Task<bool> HasVotedAsync(VoteRequestDto voteRequestDto)
```

Parameters

`voteRequestDto` [VoteRequestDto](#)

The vote request data transfer object containing vote details.

Returns

[Task](#) <[bool](#)>

A boolean indicating whether the voter has already voted.

Update(VoteRequestDto)

Updates an existing vote.

```
public Task<bool> Update(VoteRequestDto voteRequestDto)
```

Parameters

[voteRequestDto](#) [VoteRequestDto](#)

The vote request data transfer object containing updated vote details.

Returns

[Task](#) <[bool](#)>

A boolean indicating whether the vote was successfully updated.

Class VoterService

Namespace: [Oscars.Backend.Service](#)

Assembly: Oscars.dll

Service for handling voter-related operations.

```
public class VoterService
```

Inheritance

[object](#) ← VoterService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

VoterService(string)

Service for handling voter-related operations.

```
public VoterService(string connectionString)
```

Parameters

connectionString [string](#)

Methods

Create(VoterDto)

Creates a new voter.

```
public Voter Create(VoterDto voterDto)
```

Parameters

voterDto [VoterDto](#)

The voter data transfer object containing voter details.

Returns

[Voter](#)

The created [Voter](#).

Delete(int)

Deletes a voter by their ID.

```
public void Delete(int id)
```

Parameters

id [int](#)

The voter ID.

GetAll()

Gets all voters.

```
public List<VoterWithCodeDto> GetAll()
```

Returns

[List](#) <[VoterWithCodeDto](#)>

A list of [VoterWithCodeDto](#).

GetById(int)

Gets a voter by their ID.

```
public VoterWithCodeDto? GetById(int voterId)
```

Parameters

voterId [int](#)

The voter ID.

Returns

[VoterWithCodeDto](#)

A [VoterWithCodeDto](#) if found; otherwise, null.

GetByPoll(int)

Gets voters by poll ID.

```
public List<VoterWithCodeDto> GetByPoll(int pollId)
```

Parameters

pollId [int](#)

The poll ID.

Returns

[List](#) <[VoterWithCodeDto](#)>

A list of [VoterWithCodeDto](#).

GetVoterByCode(string)

Gets a voter by their code.

```
public VoterWithCodeDto? GetVoterByCode(string code)
```

Parameters

code [string](#)

The voter code.

Returns

[VoterWithCodeDto](#)

A [VoterWithCodeDto](#) if found; otherwise, null.

Update(VoterDto)

Updates an existing voter.

```
public Voter Update(VoterDto voterDto)
```

Parameters

voterDto [VoterDto](#)

The voter data transfer object containing updated voter details.

Returns

[Voter](#)

The updated [Voter](#).

UpdateCodeStatus(VoterWithCodeDto)

Updates the status of a voter's code.

```
public void UpdateCodeStatus(VoterWithCodeDto voterWithCodeDto)
```

Parameters

voterWithCodeDto [VoterWithCodeDto](#)

The voter data transfer object containing voter details and code.

Namespace Oscars.Backend.Utils

Classes

[JwtSettings](#)

Configuration settings for JWT (JSON Web Token).

[Parser](#)

Configuration settings for JWT (JSON Web Token).

Class JwtSettings

Namespace: [Oscars.Backend.Utils](#)

Assembly: Oscars.dll

Configuration settings for JWT (JSON Web Token).

```
public class JwtSettings
```

Inheritance

[object](#) ← JwtSettings

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Audience

```
public string Audience { get; set; }
```

Property Value

[string](#)

ExpiryMinutes

```
public int ExpiryMinutes { get; set; }
```

Property Value

[int](#)

Issuer

```
public string Issuer { get; set; }
```

Property Value

[string](#) ↗

SecretKey

```
public string SecretKey { get; set; }
```

Property Value

[string](#) ↗

Class Parser

Namespace: [Oscars.Backend.Utils](#)

Assembly: Oscars.dll

Configuration settings for JWT (JSON Web Token).

```
public class Parser
```

Inheritance

[object](#) ← Parser

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

ParseDateTime(string)

Parses a string to a DateTime.

```
public DateTime? ParseDateTime(string dateTimeString)
```

Parameters

dateTimeString [string](#)

The string to parse.

Returns

[DateTime](#)?

The DateTime representation of the string, or null if the string cannot be parsed.

ParseInt(object)

Parses an object to an integer.

```
public int? ParseInt(object value)
```

Parameters

value [object](#)

The object to parse.

Returns

[int](#)?

The integer representation of the object, or null if the object is null or cannot be parsed.

ParseString(object)

Parses an object to a string.

```
public string? ParseString(object value)
```

Parameters

value [object](#)

The object to parse.

Returns

[string](#)

The string representation of the object, or null if the object is null.

Namespace Oscars.Data

Classes

[DBConnection](#)

Class for managing database connections and running migrations.

Class DBConnection

Namespace: [Oscars.Data](#)

Assembly: Oscars.dll

Class for managing database connections and running migrations.

```
public class DBConnection
```

Inheritance

[object](#) ← DBConnection

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Constructors

DBConnection(IConfiguration)

Class for managing database connections and running migrations.

```
public DBConnection(IConfiguration configuration)
```

Parameters

configuration [IConfiguration](#)

Methods

CreateConnection()

Creates a new database connection.

```
public IDbConnection CreateConnection()
```

Returns

[IDbConnection](#)

An [IDbConnection](#) object.

RunMigrationsAsync(string, string)

Runs database migrations asynchronously.

```
public static Task RunMigrationsAsync(string connectionString, string scriptPath)
```

Parameters

connectionString [string](#)

The database connection string.

scriptPath [string](#)

The path to the SQL script file.

Returns

[Task](#)

Namespace Oscars.Models

Classes

[User](#)

Represents a user in the system.

Class User

Namespace: [Oscars.Models](#)

Assembly: Oscars.dll

Represents a user in the system.

```
public class User
```

Inheritance

[object](#) ← User

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) ,
[object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Properties

Email

```
public required string Email { get; set; }
```

Property Value

[string](#)

Id

```
public int Id { get; set; }
```

Property Value

[int](#)

Password

```
public string? Password { get; set; }
```

Property Value

[string](#) ↗

Role

```
public required string Role { get; set; }
```

Property Value

[string](#) ↗

Username

```
public required string Username { get; set; }
```

Property Value

[string](#) ↗