

SecondChance Reference

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SecondChance Reference

Namespaces

[SecondChance.Areas.Identity.Pages.Account](#)₁₃,
[SecondChance.Areas.Identity.Pages.Account.Manage](#)₆₇, [SecondChance.Controllers](#)₁₀₁,
[SecondChance.Data](#)₁₅₁, [SecondChance.Hubs](#)₁₆₁, [SecondChance.Migrations](#)₁₆₇,
[SecondChance.Models](#)₁₇₁, [SecondChance.Services](#)₂₃₃, [SecondChance.ViewModels](#)₂₃₆

SecondChance.Areas.Identity.Pages.Account Namespace

Classes

[ExternalLoginModel](#)₁₃, [ForgotPasswordModel](#)₂₇, [LoginModel](#)₃₂, [LogoutModel](#)₄₃, [RegisterModel](#)₄₆, [ResetPasswordModel](#)₅₇

ExternalLoginModel Class

Modelo da página de autenticação externa. Gere o processo de autenticação usando provedores externos como Google, Facebook, etc.

object
[Microsoft.AspNetCore.Mvc.RazorPages.PageModel](#)
[SecondChance.Areas.Identity.Pages.Account.ExternalLoginModel](#)

VB

```
<AllowAnonymous()> _
Public Class ExternalLoginModel
    Inherits PageModel
```

C#

```
[AllowAnonymous()]
public class ExternalLoginModel : PageModel
```

```
[C++]
[AllowAnonymous()]
public ref class ExternalLoginModel : public PageModel^
```

```
[JScript]
public
    AllowAnonymous()
class ExternalLoginModel
    extends PageModel
```

Requirements

Namespace: [SecondChance.Areas.Identity.Pages.Account](#)₁₃

Assembly: SecondChance (in SecondChance.dll)

Constructors

[ExternalLoginModel](#)₁₄

Properties

[ErrorMessage](#)₁₅, [HttpContext](#) (inherited from [PageModel](#)), [Input](#)₁₆, [MetadataProvider](#) (inherited from [PageModel](#)), [ModelState](#) (inherited from [PageModel](#)), [PageContext](#) (inherited from [PageModel](#)), [ProviderDisplayName](#)₁₇, [Request](#) (inherited from [PageModel](#)), [Response](#) (inherited from [PageModel](#)), [ReturnUrl](#)₁₇, [RouteData](#) (inherited from [PageModel](#)), [TempData](#) (inherited from [PageModel](#)), [Url](#) (inherited from [PageModel](#)), [User](#) (inherited from [PageModel](#)), [ViewData](#) (inherited from [PageModel](#))

Methods

[BadRequest](#) (inherited from [PageModel](#)), [Challenge](#) (inherited from [PageModel](#)), [Content](#) (inherited from [PageModel](#)), [File](#) (inherited from [PageModel](#)), [Forbid](#) (inherited from [PageModel](#)), [LocalRedirect](#) (inherited from [PageModel](#)), [LocalRedirectPermanent](#) (inherited from [PageModel](#)), [LocalRedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [LocalRedirectPreserveMethod](#) (inherited from [PageModel](#)), [NotFound](#) (inherited from [PageModel](#)), [OnGet](#)₁₈, [OnGetCallbackAsync](#)₁₉, [OnPageHandlerExecuted](#) (inherited from [PageModel](#)), [OnPageHandlerExecuting](#) (inherited from [PageModel](#)), [OnPageHandlerExecutionAsync](#) (inherited from [PageModel](#)), [OnPageHandlerSelected](#) (inherited from [PageModel](#)), [OnPageHandlerSelectionAsync](#) (inherited from [PageModel](#)), [OnPost](#)₂₀, [OnPostCallbackAsync](#)₂₁, [OnPostConfirmationAsync](#)₂₂, [Page](#) (inherited from [PageModel](#)), [Partial](#) (inherited from [PageModel](#)), [PhysicalFile](#) (inherited from [PageModel](#)), [Redirect](#) (inherited from [PageModel](#)), [RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToActionPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

Classes

[InputModel](#)₂₂

ExternalLoginModel Constructor

Construtor da classe ExternalLoginModel.

VB

```
Public Sub New(  
    ByVal signInManager As SignInManager(Of User), _  
    ByVal userManager As UserManager(Of User), _  
    ByVal userStore As IUserStore(Of User), _  
    ByVal emailSender As IEmailSender _  
)
```

C#

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```
public ExternalLoginModel(  
    SignInManager<User> signInManager,  
    UserManager<User> userManager,  
    IUserStore<User> userStore,  
    IEmailSender emailSender  
)
```

```
[C++]  
public:  
ExternalLoginModel(  
    SignInManager<User>^ signInManager,  
    UserManager<User>^ userManager,  
    IUserStore<User>^ userStore,  
    IEmailSender^ emailSender  
)
```

```
[JScript]  
JScript does not support generic types and methods.
```

Parameters

signInManager

Gestor de autenticação para operações de início de sessão

userManager

Gestor de utilizadores que fornece APIs para gerir utilizadores

userStore

Armazenamento responsável pelos dados dos utilizadores

emailSender

Serviço para envio de emails

See Also

Applies to: [ExternalLoginModel](#)¹³

ExternalLoginModel.ErrorMessage Property

Mensagem de erro temporária para exibição ao utilizador

VB

```
<TempData()> _  
Public Property ErrorMessage() As String
```

C#

```
[TempData()]  
public string ErrorMessage {get; set;}
```

```
[C++]
[TempData()]
public:
property String^ ErrorMessage {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    TempData()
function get ErrorMessage() : String;
public
    TempData()
function set ErrorMessage(value : String);
```

See Also

Applies to: [ExternalLoginModel](#)¹³

ExternalLoginModel.Input Property

Modelo com os dados de entrada para a autenticação externa

VB

```
<BindProperty()> _
Public Property Input() As InputModel
```

C#

```
[BindProperty()]
public InputModel Input {get; set;}
```

```
[C++]
[BindProperty()]
public:
property InputModel^ Input {
    InputModel^ get( );
    void set(
        InputModel^ value
    );
}
```

```
[JScript]
public
    BindProperty()
function get Input() : InputModel;
public
    BindProperty()
function set Input(value : InputModel);
```

See Also

Applies to: [ExternalLoginModel](#)¹³

ExternalLoginModel.ProviderDisplayName Property

Nome de exibição do provedor de autenticação externa

VB

```
Public Property ProviderDisplayName() As String
```

C#

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

```
[C++]
public:
property String^ ProviderDisplayName {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get ProviderDisplayName() : String;
public function set ProviderDisplayName(value : String);
```

See Also

Applies to: [ExternalLoginModel](#)¹³

ExternalLoginModel.ReturnUrl Property

URL de retorno após a autenticação

VB

```
Public Property ReturnUrl() As String
```

C#

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

```
[C++]
public:
property String^ ReturnUrl {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public function get ReturnUrl() : String;
public function set ReturnUrl(value : String);
```

See Also

Applies to: [ExternalLoginModel](#)₁₃

ExternalLoginModel.OnGet Method

Manipula o pedido GET para a página de autenticação externa. Redireciona para a página de início de sessão.

VB

```
Public Function OnGet() As IActionResult
```

C#

```
public IActionResult OnGet()
```

```
[C++]
public:
IActionResult^ OnGet()
```

[JScript]

```
public function OnGet() : IActionResult;
```

Returns

Redirecionamento para a página de início de sessão

See Also

Applies to: [ExternalLoginModel](#)₁₃

ExternalLoginModel.OnGetCallbackAsync Method

Manipula o retorno da autenticação externa. Processa as informações recebidas do provedor externo.

VB

```
Public Function OnGetCallbackAsync( _
    Optional ByVal returnUrl As String = null, _
    Optional ByVal remoteError As String = null, _
    Optional ByVal reactivate As Boolean = false _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnGetCallbackAsync(
    string returnUrl = null,
    string remoteError = null,
    bool reactivate = false
)
```

[C++]

```
public:
Task<IActionResult^>^ OnGetCallbackAsync(
    String^ returnUrl,
    String^ remoteError,
    bool reactivate
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

returnUrl

URL para redirecionar após processamento

remoteError

Erro reportado pelo provedor externo, se houver

reactivate

Indica se deve reativar uma conta inativa

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Redirecionamento após processamento da autenticação

See Also

Applies to: [ExternalLoginModel](#)₁₃

ExternalLoginModel.OnPost Method

Manipula o pedido POST para iniciar a autenticação externa. Configura as propriedades de autenticação para o provedor externo.

VB

```
Public Function OnPost( _  
    ByVal provider As String, _  
    Optional ByVal returnUrl As String = null, _  
    Optional ByVal reactivate As Boolean = false _  
) As IActionResult
```

C#

```
public IActionResult OnPost(  
    string provider,  
    string returnUrl = null,  
    bool reactivate = false  
)
```

[C++]

```
public:  
IActionResult^ OnPost(  
    String^ provider,  
    String^ returnUrl,  
    bool reactivate  
)
```

[JScript]

```
public function OnPost(  
    provider : String,  
    returnUrl : String,  
    reactivate : boolean  
) : IActionResult;
```

Parameters

provider

Nome do provedor de autenticação externa

returnUrl

URL para redirecionar após autenticação bem-sucedida

reactivate

Indica se a autenticação está sendo feita para reativação de conta

Returns

Desafio de autenticação para o provedor externo

See Also

Applies to: [ExternalLoginModel](#)₁₃

ExternalLoginModel.OnPostCallbackAsync Method

Manipula o retorno do callback POST da autenticação externa. Processa os dados após o retorno do provedor externo.

VB

```
Public Function OnPostCallbackAsync( _
    Optional ByVal returnUrl As String = null _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostCallbackAsync(
    string returnUrl = null
)
```

[C++]
public:
Task<IActionResult^>^ OnPostCallbackAsync(
 String^ returnUrl
)

[JScript]
JScript does not support generic types and methods.

Parameters

returnUrl

URL para redirecionar após processamento

Returns

Redirecionamento após processamento da autenticação

See Also

Applies to: [ExternalLoginModel](#)₁₃

ExternalLoginModel.OnPostConfirmationAsync Method

Manipula a confirmação de dados adicionais para autenticação externa. Cria um novo utilizador ou associa a autenticação externa a um utilizador existente.

VB

```
Public Function OnPostConfirmationAsync(  
    Optional ByVal returnUrl As String = null _  
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostConfirmationAsync(  
    string returnUrl = null  
)
```

[C++]

```
public:  
Task<IActionResult>^ OnPostConfirmationAsync(  
    String^ returnUrl  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

returnUrl

URL para redirecionar após processamento

Returns

Redirecionamento após processamento da autenticação

See Also

Applies to: [ExternalLoginModel](#)¹³

InputModel Class

Classe que representa os dados do formulário de autenticação externa

VB

```
Public Class InputModel
```

C#

```
public class InputModel
```

[C++]
public ref class InputModel

[JScript]
public class InputModel

Requirements

Namespace:SecondChance.Areas.Identity.Pages.Account₁₃

Assembly: SecondChance (in SecondChance.dll)

Properties

BirthDate₂₃, Email₂₄, FullName₂₅, ReactivateAccount₂₆

See Also

Applies to: ExternalLoginModel₁₃

InputModel.BirthDate Property

Data de nascimento do utilizador

VB

```
<Required(ErrorMessage = "A data de nascimento é obrigatória")> _
<DataType(DataType.Date)> _
<MaximumAge(125, ErrorMessage = "Idade máxima permitida é 125 anos")> _
<MinimumAge(18, ErrorMessage = "Deve ter pelo menos 18 anos para se registar")> _
<Display(Name = "Data de Nascimento")> _
Public Property BirthDate() As Date
```

C#

```
[Required(ErrorMessage = "A data de nascimento é obrigatória")]
[DataType(DataType.Date)]
[MaximumAge(125, ErrorMessage = "Idade máxima permitida é 125 anos")]
[MinimumAge(18, ErrorMessage = "Deve ter pelo menos 18 anos para se registar")]
[Display(Name = "Data de Nascimento")]
public DateTime BirthDate {get; set;}
```

[C++]
[Required(ErrorMessage = "A data de nascimento é obrigatória")]
[DataType(DataType.Date)]
[MaximumAge(125, ErrorMessage = "Idade máxima permitida é 125 anos")]

```
[MinimumAge(18, ErrorMessage = "Deve ter pelo menos 18 anos para se registar")]
[Display(Name = "Data de Nascimento")]
public:
property DateTime BirthDate {
    DateTime get();
    void set(
        DateTime value
    );
}
```

```
[JScript]
public
    Required(ErrorMessage = "A data de nascimento é obrigatória")
    DataType(DataType.Date)
    MaximumAge(125, ErrorMessage = "Idade máxima permitida é 125 anos")
    MinimumAge(18, ErrorMessage = "Deve ter pelo menos 18 anos para se registar")
    Display(Name = "Data de Nascimento")
function get BirthDate() : DateTime;
public
    Required(ErrorMessage = "A data de nascimento é obrigatória")
    DataType(DataType.Date)
    MaximumAge(125, ErrorMessage = "Idade máxima permitida é 125 anos")
    MinimumAge(18, ErrorMessage = "Deve ter pelo menos 18 anos para se registar")
    Display(Name = "Data de Nascimento")
function set BirthDate(value : DateTime);
```

See Also

Applies to: [InputModel](#)²²

InputModel.Email Property

Endereço de email do utilizador

VB

```
<Required(ErrorMessage = "O email é obrigatório")> _
<EmailAddress(ErrorMessage = "Email inválido")> _
<Display(Name = "Email")> _
Public Property Email() As String
```

C#

```
[Required(ErrorMessage = "O email é obrigatório")]
[EmailAddress(ErrorMessage = "Email inválido")]
[Display(Name = "Email")]
public string Email {get; set;}
```

C++

```
[Required(ErrorMessage = "O email é obrigatório")]
[EmailAddress(ErrorMessage = "Email inválido")]
[Display(Name = "Email")]
public:
property String^ Email {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    Required(ErrorMessage = "O email é obrigatório")
    EmailAddress(ErrorMessage = "Email inválido")
    Display(Name = "Email")
function get Email() : String;
public
    Required(ErrorMessage = "O email é obrigatório")
    EmailAddress(ErrorMessage = "Email inválido")
    Display(Name = "Email")
function set Email(value : String);
```

See Also

Applies to: [InputModel](#)₂₂

InputModel.FullName Property

Nome completo do utilizador

VB

```
<Required(ErrorMessage = "O nome completo é obrigatório")> _
<Display(Name = "Nome Completo")> _
Public Property FullName() As String
```

C#

```
[Required(ErrorMessage = "O nome completo é obrigatório")]
[Display(Name = "Nome Completo")]
public string FullName {get; set;}
```

[C++]

```
[Required(ErrorMessage = "O nome completo é obrigatório")]
[Display(Name = "Nome Completo")]
public:
property String^ FullName {
    String^ get( );
```

```
void set(
    String^ value
);
}
```

```
[JScript]
public
    Required(ErrorMessage = "O nome completo é obrigatório")
    Display(Name = "Nome Completo")
function get FullName() : String;
public
    Required(ErrorMessage = "O nome completo é obrigatório")
    Display(Name = "Nome Completo")
function set FullName(value : String);
```

See Also

Applies to: [InputModel](#)₂₂

InputModel.ReactivateAccount Property

Opção para reativar uma conta previamente desativada durante o início de sessão

VB

```
<Display(Name = "Reativar conta desativada")> _
Public Property ReactivateAccount() As Boolean
```

C#

```
[Display(Name = "Reativar conta desativada")]
public bool ReactivateAccount {get; set;}
```

```
[C++]
[Display(Name = "Reativar conta desativada")]
public:
property bool ReactivateAccount {
    bool get( );
    void set(
        bool value
    );
}
```

```
[JScript]
public
    Display(Name = "Reativar conta desativada")
function get ReactivateAccount() : boolean;
```

```
public
    Display(Name = "Reativar conta desativada")
function set ReactivateAccount(value : boolean);
```

See Also

Applies to: [InputModel](#)²²

ForgotPasswordModel Class

Modelo da página de recuperação de palavra-passe. Gere o processo de envio de links para redefinição de palavra-passe.

object

[Microsoft.AspNetCore.Mvc.RazorPages.PageModel](#)
[SecondChance.Areas.Identity.Pages.Account.ForgotPasswordModel](#)

VB

```
Public Class ForgotPasswordModel
    Inherits PageModel
```

C#

```
public class ForgotPasswordModel : PageModel
```

[C++]

```
public ref class ForgotPasswordModel : public PageModel^
```

[JScript]

```
public class ForgotPasswordModel
    extends PageModel
```

Requirements

Namespace: [SecondChance.Areas.Identity.Pages.Account](#)¹³

Assembly: SecondChance (in SecondChance.dll)

Constructors

[ForgotPasswordModel](#)²⁸

Properties

[HttpContext](#) (inherited from [PageModel](#)), [Input](#)²⁹, [MetadataProvider](#) (inherited from [PageModel](#)), [ModelState](#) (inherited from [PageModel](#)), [PageContext](#) (inherited from [PageModel](#)), [Request](#) (inherited from [PageModel](#)), [Response](#) (inherited from [PageModel](#)), [RouteData](#) (inherited from [PageModel](#)), [TempData](#) (inherited from [PageModel](#)), [Url](#) (inherited from [PageModel](#)), [User](#) (inherited from [PageModel](#)), [ViewData](#) (inherited from [PageModel](#))

Methods

[BadRequest](#) (inherited from [PageModel](#)), [Challenge](#) (inherited from [PageModel](#)), [Content](#) (inherited from [PageModel](#)), [File](#) (inherited from [PageModel](#)), [Forbid](#) (inherited from [PageModel](#)), [LocalRedirect](#) (inherited from [PageModel](#)), [LocalRedirectPermanent](#) (inherited from [PageModel](#)), [LocalRedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [LocalRedirectPreserveMethod](#) (inherited from [PageModel](#)), [NotFound](#) (inherited from [PageModel](#)), [OnPageHandlerExecuted](#) (inherited from [PageModel](#)), [OnPageHandlerExecuting](#) (inherited from [PageModel](#)), [OnPageHandlerExecutionAsync](#) (inherited from [PageModel](#)), [OnPageHandlerSelected](#) (inherited from [PageModel](#)), [OnPageHandlerSelectionAsync](#) (inherited from [PageModel](#)), [OnPostAsync₃₀](#), [Page](#) (inherited from [PageModel](#)), [Partial](#) (inherited from [PageModel](#)), [PhysicalFile](#) (inherited from [PageModel](#)), [Redirect](#) (inherited from [PageModel](#)), [RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToActionPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

Classes

[InputModel₃₀](#)

ForgotPasswordModel Constructor

Construtor da classe ForgotPasswordModel.

VB

```
Public Sub New(  
    ByVal userManager As UserManager(Of User), _  
    ByVal emailSender As IEmailSender _  
)
```

C#

```
public ForgotPasswordModel(  
    UserManager<User> userManager,  
    IEmailSender emailSender  
)
```

[C++]

```
public:
```

```
ForgotPasswordModel(  
    UserManager<User>^ userManager,  
    IEmailSender^ emailSender  
)
```

[**JScript**]
JScript does not support generic types and methods.

Parameters

userManager

Gestor de utilizadores que fornece APIs para gerir utilizadores

emailSender

Serviço para envio de emails

See Also

Applies to: [ForgotPasswordModel](#)₂₇

ForgotPasswordModel.Input Property

Modelo com os dados de entrada para a recuperação de palavra-passe

VB

```
<BindProperty()>  
Public Property Input() As InputModel
```

C#

```
[BindProperty()]  
public InputModel Input {get; set;}
```

[C++]

```
[BindProperty()]  
public:  
property InputModel^ Input {  
    InputModel^ get();  
    void set(  
        InputModel^ value  
    );  
}
```

[**JScript**]

```
public  
    BindProperty()  
function get Input() : InputModel;
```

```
public  
    BindProperty()  
function set Input(value : InputModel);
```

See Also

Applies to: [ForgotPasswordModel](#)₂₇

ForgotPasswordModel.OnPostAsync Method

Manipula o pedido POST para a recuperação de palavra-passe. Envia um email com link para redefinição se o email for válido.

VB

```
Public Function OnPostAsync() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostAsync()
```

[C++]

```
public:  
Task<IActionResult^>^ OnPostAsync()
```

[JScript]

JScript does not support generic types and methods.

Returns

Redirecionamento para a página de confirmação

See Also

Applies to: [ForgotPasswordModel](#)₂₇

InputModel Class

Classe que representa os dados do formulário de recuperação de palavra-passe

VB

```
Public Class InputModel
```

C#

```
public class InputModel
```

[C++]
public ref class InputModel

[JScript]
public class InputModel

Requirements

Namespace:SecondChance.Areas.Identity.Pages.Account₁₃

Assembly: SecondChance (in SecondChance.dll)

Properties

Email₃₁

See Also

Applies to: ForgotPasswordModel₂₇

InputModel.Email Property

Endereço de email do utilizador para recuperação de palavra-passe

VB

```
<Required()>
<EmailAddress()>
<Display(Name = "Email")>
Public Property Email() As String
```

C#

```
[Required()]
[EmailAddress()]
[Display(Name = "Email")]
public string Email {get; set;}
```

[C++]
[Required()
[EmailAddress()
[Display(Name = "Email")]
public:
property String^ Email {
 String^ get();
 void set(
 String^ value

```
 );  
}
```

```
[JScript]  
public  
    Required()  
    EmailAddress()  
    Display(Name = "Email")  
function get Email() : String;  
public  
    Required()  
    EmailAddress()  
    Display(Name = "Email")  
function set Email(value : String);
```

See Also

Applies to: [InputModel](#)₃₀

LoginModel Class

Modelo da página de início de sessão. Gere o processo de autenticação de utilizadores na aplicação.

```
object  
    Microsoft.AspNetCore.Mvc.RazorPages.PageModel  
    SecondChance.Areas.Identity.Pages.Account.LoginModel
```

VB

```
Public Class LoginModel  
    Inherits PageModel
```

C#

```
public class LoginModel : PageModel
```

```
[C++]  
public ref class LoginModel : public PageModel^
```

```
[JScript]  
public class LoginModel  
    extends PageModel
```

Requirements

Namespace:[SecondChance.Areas.Identity.Pages.Account](#)₁₃

Assembly: SecondChance (in SecondChance.dll)

Constructors

[LoginModel](#)³³

Properties

[ErrorMessage](#)³⁴, [ExternalLogins](#)³⁵, [HttpContext](#) (inherited from [PageModel](#)), [Input](#)³⁶, [MetadataProvider](#) (inherited from [PageModel](#)), [ModelState](#) (inherited from [PageModel](#)), [PageContext](#) (inherited from [PageModel](#)), [Request](#) (inherited from [PageModel](#)), [Response](#) (inherited from [PageModel](#)), [ReturnUrl](#)³⁶, [RouteData](#) (inherited from [PageModel](#)), [TempData](#) (inherited from [PageModel](#)), [Url](#) (inherited from [PageModel](#)), [User](#) (inherited from [PageModel](#)), [ViewData](#) (inherited from [PageModel](#))

Methods

[BadRequest](#) (inherited from [PageModel](#)), [Challenge](#) (inherited from [PageModel](#)), [Content](#) (inherited from [PageModel](#)), [File](#) (inherited from [PageModel](#)), [Forbid](#) (inherited from [PageModel](#)), [LocalRedirect](#) (inherited from [PageModel](#)), [LocalRedirectPermanent](#) (inherited from [PageModel](#)), [LocalRedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [LocalRedirectPreserveMethod](#) (inherited from [PageModel](#)), [NotFound](#) (inherited from [PageModel](#)), [OnGetAsync](#)³⁷, [OnPageHandlerExecuted](#) (inherited from [PageModel](#)), [OnPageHandlerExecuting](#) (inherited from [PageModel](#)), [OnPageHandlerExecutionAsync](#) (inherited from [PageModel](#)), [OnPageHandlerSelected](#) (inherited from [PageModel](#)), [OnPageHandlerSelectionAsync](#) (inherited from [PageModel](#)), [OnPostAsync](#)³⁸, [Page](#) (inherited from [PageModel](#)), [Partial](#) (inherited from [PageModel](#)), [PhysicalFile](#) (inherited from [PageModel](#)), [Redirect](#) (inherited from [PageModel](#)), [RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

Classes

[InputModel](#)³⁹

LoginModel Constructor

Construtor da classe LoginModel.

VB

```
Public Sub New(  
    ByVal signInManager As SignInManager(Of User), _
```

```
    ByVal userManager As UserManager(Of User) _  
)
```

C#

```
public LoginModel(  
    SignInManager<User> signInManager,  
    UserManager<User> userManager  
)
```

[C++]

```
public:  
LoginModel(  
    SignInManager<User>^ signInManager,  
    UserManager<User>^ userManager  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

signInManager

Gestor de autenticação para operações de início de sessão

userManager

Gestor de utilizadores que fornece APIs para gerir utilizadores

See Also

Applies to: [LoginModel](#)₃₂

LoginModel.ErrorMessage Property

Mensagem de erro temporária para exibição ao utilizador

VB

```
<TempData()>_  
Public Property ErrorMessage() As String
```

C#

```
[TempData()]  
public string ErrorMessage {get; set;}
```

```
[C++]
[TempData()]
public:
property String^ ErrorMessage {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    TempData()
function get ErrorMessage() : String;
public
    TempData()
function set ErrorMessage(value : String);
```

See Also

Applies to: [LoginModel](#)³²

LoginModel.ExternalLogins Property

Lista de esquemas de autenticação externa disponíveis

VB

```
Public Property ExternalLogins() As IList(Of AuthenticationScheme)
```

C#

```
public IList<AuthenticationScheme> ExternalLogins {get; set;}
```

```
[C++]
public:
property IList<AuthenticationScheme>^ ExternalLogins {
    IList<AuthenticationScheme>^ get( );
    void set(
        IList<AuthenticationScheme>^ value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

Applies to: [LoginModel](#)₃₂

LoginModel.Input Property

Modelo com os dados de entrada para o início de sessão

VB

```
<BindProperty()> _
Public Property Input() As InputModel
```

C#

```
[BindProperty()]
public InputModel Input {get; set;}
```

```
[C++]
[BindProperty()]
public:
property InputModel^ Input {
    InputModel^ get( );
    void set(
        InputModel^ value
    );
}
```

```
[JScript]
public
    BindProperty()
function get Input() : InputModel;
public
    BindProperty()
function set Input(value : InputModel);
```

See Also

Applies to: [LoginModel](#)₃₂

LoginModel.ReturnUrl Property

URL de retorno após o início de sessão

VB

```
Public Property ReturnUrl() As String
```

C#

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

```
[C++]
public:
property String^ ReturnUrl {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get ReturnUrl() : String;
public function set ReturnUrl(value : String);
```

See Also

Applies to: [LoginModel](#)₃₂

LoginModel.OnGetAsync Method

Manipula o pedido GET para a página de início de sessão. Configura os dados iniciais para o formulário de início de sessão.

VB

```
Public Function OnGetAsync( _
    Optional ByVal returnUrl As String = null, _
    Optional ByVal email As String = null, _
    Optional ByVal inactive As Boolean = false _
) As Task
```

C#

```
public Task OnGetAsync(
    string returnUrl = null,
    string email = null,
    bool inactive = false
)
```

```
[C++]
public:
Task^ OnGetAsync(
    String^ returnUrl,
    String^ email,
```

```
    bool inactive  
)
```

```
[JScript]  
public function OnGetAsync(  
    returnUrl : String,  
    email : String,  
    inactive : boolean  
) : Task;
```

Parameters

returnUrl

URL para redirecionar após o início de sessão

email

Email do utilizador, se conhecido

inactive

Indica se a conta está inativa

See Also

Applies to: [LoginModel](#)₃₂

LoginModel.OnPostAsync Method

Manipula o pedido POST para o início de sessão de utilizadores. Autentica o utilizador se as credenciais forem válidas.

VB

```
Public Function OnPostAsync( _  
    Optional ByVal returnUrl As String = null _  
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostAsync(  
    string returnUrl = null  
)
```

```
[C++]  
public:  
Task<IActionResult^>^ OnPostAsync(  
    String^ returnUrl  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*returnUrl*

URL para redirecionar após o início de sessão bem-sucedido

Returns

Página inicial ou página de início de sessão com erros de validação

See Also

Applies to: [LoginModel](#)³²

InputModel Class

Classe que representa os dados do formulário de início de sessão

VB

```
Public Class InputModel
```

C#

```
public class InputModel
```

[C++]

```
public ref class InputModel
```

[JScript]

```
public class InputModel
```

Requirements

Namespace: [SecondChance.Areas.Identity.Pages.Account](#)¹³

Assembly: SecondChance (in SecondChance.dll)

Properties

[Email](#)⁴⁰, [Password](#)⁴⁰, [ReactivateAccount](#)⁴¹, [RememberMe](#)⁴²

See Also

Applies to: [LoginModel](#)³²

InputModel.Email Property

Endereço de email do utilizador

VB

```
<Required()> _
<EmailAddress()> _
Public Property Email() As String
```

C#

```
[Required()]
[EmailAddress()]
public string Email {get; set;}
```

C++

```
[Required()]
[EmailAddress()]
public:
property String^ Email {
    String^ get( );
    void set(
        String^ value
    );
}
```

JScript

```
public
    Required()
    EmailAddress()
function get Email() : String;
public
    Required()
    EmailAddress()
function set Email(value : String);
```

See Also

Applies to: [InputModel](#)³⁹

InputModel.Password Property

Palavra-passe do utilizador

VB

```
<Required()> _
<DataType(DataType.Password)> _
<Display(Name = "Password")> _
<PasswordStrength()> _
```

```
Public Property Password() As String
```

C#

```
[Required()]
[DataType(DataType.Password)]
[Display(Name = "Password")]
[PasswordStrength()]
public string Password {get; set;}
```

[C++]

```
[Required()]
[DataType(DataType.Password)]
[Display(Name = "Password")]
[PasswordStrength()]
public:
property String^ Password {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    Required()
    DataType(DataType.Password)
    Display(Name = "Password")
    PasswordStrength()
function get Password() : String;
public
    Required()
    DataType(DataType.Password)
    Display(Name = "Password")
    PasswordStrength()
function set Password(value : String);
```

See Also

Applies to: [InputModel](#)³⁹

InputModel.ReactivateAccount Property

Opção para reativar uma conta previamente desativada durante o início de sessão

VB

```
<Display(Name = "Reativar conta desativada")> _
Public Property ReactivateAccount() As Boolean
```

C#

```
[Display(Name = "Reativar conta desativada")]
public bool ReactivateAccount {get; set;}
```

```
[C++]
[Display(Name = "Reativar conta desativada")]
public:
property bool ReactivateAccount {
    bool get( );
    void set(
        bool value
    );
}
```

```
[JScript]
public
    Display(Name = "Reativar conta desativada")
function get ReactivateAccount() : boolean;
public
    Display(Name = "Reativar conta desativada")
function set ReactivateAccount(value : boolean);
```

See Also

Applies to: [InputModel](#)³⁹

InputModel.RememberMe Property

Opção para manter a sessão iniciada

VB

```
<Display(Name = "Remember me?")> _
Public Property RememberMe() As Boolean
```

C#

```
[Display(Name = "Remember me?")]
public bool RememberMe {get; set;}
```

```
[C++]
[Display(Name = "Remember me?")]
public:
property bool RememberMe {
    bool get( );
```

```
void set(  
    bool value  
)  
{}
```

```
[JScript]  
public  
    Display(Name = "Remember me?")  
function get RememberMe() : boolean;  
public  
    Display(Name = "Remember me?")  
function set RememberMe(value : boolean);
```

See Also

Applies to: [InputModel](#)³⁹

LogoutModel Class

Modelo da página de encerramento de sessão. Gere o processo de término da sessão do utilizador na aplicação.

object
[Microsoft.AspNetCore.Mvc.RazorPages.PageModel](#)
[SecondChance.Areas.Identity.Pages.Account.LogoutModel](#)

VB

```
Public Class LogoutModel  
    Inherits PageModel
```

C#

```
public class LogoutModel : PageModel
```

```
[C++]  
public ref class LogoutModel : public PageModel^
```

```
[JScript]  
public class LogoutModel  
    extends PageModel
```

Requirements

Namespace:[SecondChance.Areas.Identity.Pages.Account](#)¹³

Assembly: SecondChance (in SecondChance.dll)

Constructors

[LogoutModel](#)⁴⁴

Properties

[HttpContext](#) (inherited from [PageModel](#)), [MetadataProvider](#) (inherited from [PageModel](#)), [ModelState](#) (inherited from [PageModel](#)), [PageContext](#) (inherited from [PageModel](#)), [Request](#) (inherited from [PageModel](#)), [Response](#) (inherited from [PageModel](#)), [RouteData](#) (inherited from [PageModel](#)), [TempData](#) (inherited from [PageModel](#)), [Url](#) (inherited from [PageModel](#)), [User](#) (inherited from [PageModel](#)), [ViewData](#) (inherited from [PageModel](#))

Methods

[BadRequest](#) (inherited from [PageModel](#)), [Challenge](#) (inherited from [PageModel](#)), [Content](#) (inherited from [PageModel](#)), [File](#) (inherited from [PageModel](#)), [Forbid](#) (inherited from [PageModel](#)), [LocalRedirect](#) (inherited from [PageModel](#)), [LocalRedirectPermanent](#) (inherited from [PageModel](#)), [LocalRedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [LocalRedirectPreserveMethod](#) (inherited from [PageModel](#)), [NotFound](#) (inherited from [PageModel](#)), [OnPageHandlerExecuted](#) (inherited from [PageModel](#)), [OnPageHandlerExecuting](#) (inherited from [PageModel](#)), [OnPageHandlerExecutionAsync](#) (inherited from [PageModel](#)), [OnPageHandlerSelected](#) (inherited from [PageModel](#)), [OnPageHandlerSelectionAsync](#) (inherited from [PageModel](#)), [OnPost](#)⁴⁵, [Page](#) (inherited from [PageModel](#)), [Partial](#) (inherited from [PageModel](#)), [PhysicalFile](#) (inherited from [PageModel](#)), [Redirect](#) (inherited from [PageModel](#)), [RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToActionPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

LogoutModel Constructor

Construtor da classe LogoutModel.

VB

```
Public Sub New(  
    ByVal signInManager As SignInManager(Of User) _  
)
```

C#

```
public LogoutModel(  
    SignInManager<User> signInManager  
)
```

```
[C++]
public:
LogoutModel(
    SignInManager<User>^ signInManager
)
```

```
[JScript]
JScript does not support generic types and methods.
```

Parameters

signInManager

Gestor de autenticação para operações de início e encerramento de sessão

See Also

Applies to: [LogoutModel](#)₄₃

LogoutModel.OnPost Method

Manipula o pedido POST para o encerramento de sessão de utilizadores. Termina a sessão atual do utilizador autenticado.

VB

```
Public Function OnPost(
    Optional ByVal returnUrl As String = null _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPost(
    string returnUrl = null
)
```

```
[C++]
public:
Task<IActionResult^>^ OnPost(
    String^ returnUrl
)
```

```
[JScript]
JScript does not support generic types and methods.
```

Parameters

45

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returnUrl

URL para redirecionar após o encerramento de sessão

Returns

Redirecionamento para a URL especificada ou para a página atual

See Also

Applies to: [LogoutModel⁴³](#)

RegisterModel Class

Modelo da página de registo de utilizadores. Gere o processo de criação de novas contas de utilizadores na aplicação.

object

[Microsoft.AspNetCore.Mvc.RazorPages.PageModel](#)
[SecondChance.Areas.Identity.Pages.Account.RegisterModel](#)

VB

```
Public Class RegisterModel  
    Inherits PageModel
```

C#

```
public class RegisterModel : PageModel
```

[C++]

```
public ref class RegisterModel : public PageModel^
```

[JScript]

```
public class RegisterModel  
    extends PageModel
```

Requirements

Namespace: [SecondChance.Areas.Identity.Pages.Account](#)¹³

Assembly: SecondChance (in SecondChance.dll)

Constructors

[RegisterModel](#)⁴⁷

Properties

[ExternalLogins](#)⁴⁸, [HttpContext](#) (inherited from [PageModel](#)), [Input](#)⁴⁹, [MetadataProvider](#) (inherited from [PageModel](#)), [ModelState](#) (inherited from [PageModel](#)), [PageContext](#) (inherited from [PageModel](#)), [Request](#) (inherited from [PageModel](#)), [Response](#) (inherited from [PageModel](#)), [ReturnUrl](#)⁵⁰, [RouteData](#) (inherited from [PageModel](#)),

[TempData](#) (inherited from [PageModel](#)), [Url](#) (inherited from [PageModel](#)), [User](#) (inherited from [PageModel](#)), [ViewData](#) (inherited from [PageModel](#))

Methods

[BadRequest](#) (inherited from [PageModel](#)), [Challenge](#) (inherited from [PageModel](#)), [Content](#) (inherited from [PageModel](#)), [File](#) (inherited from [PageModel](#)), [Forbid](#) (inherited from [PageModel](#)), [LocalRedirect](#) (inherited from [PageModel](#)), [LocalRedirectPermanent](#) (inherited from [PageModel](#)), [LocalRedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [LocalRedirectPreserveMethod](#) (inherited from [PageModel](#)), [NotFound](#) (inherited from [PageModel](#)), [OnGetAsync₅₀](#), [OnPageHandlerExecuted](#) (inherited from [PageModel](#)), [OnPageHandlerExecuting](#) (inherited from [PageModel](#)), [OnPageHandlerExecutionAsync](#) (inherited from [PageModel](#)), [OnPageHandlerSelected](#) (inherited from [PageModel](#)), [OnPageHandlerSelectionAsync](#) (inherited from [PageModel](#)), [OnPostAsync₅₁](#), [Page](#) (inherited from [PageModel](#)), [Partial](#) (inherited from [PageModel](#)), [PhysicalFile](#) (inherited from [PageModel](#)), [Redirect](#) (inherited from [PageModel](#)), [RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

Classes

[InputModel₅₂](#)

RegisterModel Constructor

Construtor da classe RegisterModel.

VB

```
Public Sub New( _
    ByVal userManager As UserManager(Of User), _
    ByVal userStore As IUserStore(Of User), _
    ByVal signInManager As SignInManager(Of User), _
    ByVal emailSender As IEmailSender _
)
```

C#

```
public RegisterModel(
    UserManager<User> userManager,
    IUserStore<User> userStore,
```

```
    SignInManager<User> signInManager,
    IEmailSender emailSender
)
```

```
[C++]
public:
RegisterModel(
    UserManager<User>^ userManager,
    IUserStore<User>^ userStore,
    SignInManager<User>^ signInManager,
    IEmailSender^ emailSender
)
```

```
[JScript]
JScript does not support generic types and methods.
```

Parameters

userManager

Gestor de utilizadores que fornece APIs para gerir utilizadores

userStore

Armazenamento responsável pelos dados dos utilizadores

signInManager

Gestor de autenticação para operações de início de sessão

emailSender

Serviço para envio de emails

See Also

Applies to: [RegisterModel](#)⁴⁶

RegisterModel.ExternalLogins Property

Lista de esquemas de autenticação externa disponíveis

VB

```
Public Property ExternalLogins() As IList(Of AuthenticationScheme)
```

C#

```
public IList<AuthenticationScheme> ExternalLogins {get; set;}
```

```
[C++]
public:
```

```
property IList<AuthenticationScheme>^ ExternalLogins {
    IList<AuthenticationScheme>^ get( );
    void set(
        IList<AuthenticationScheme>^ value
    );
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [RegisterModel](#)⁴⁶

RegisterModel.Input Property

Modelo com os dados de entrada para o registo

VB

```
<BindProperty()> _
Public Property Input() As InputModel
```

C#

```
[BindProperty()]
public InputModel Input {get; set;}
```

[C++]

```
[BindProperty()]
public:
property InputModel^ Input {
    InputModel^ get( );
    void set(
        InputModel^ value
    );
}
```

[JScript]

```
public
    BindProperty()
function get Input() : InputModel;
public
    BindProperty()
function set Input(value : InputModel);
```

See Also

Applies to: [RegisterModel](#)⁴⁶

RegisterModel.ReturnUrl Property

URL de retorno após o registo

VB

```
Public Property ReturnUrl() As String
```

C#

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

[C++]
public:
property String^ ReturnUrl {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get ReturnUrl() : String;
public function set ReturnUrl(value : String);

See Also

Applies to: [RegisterModel](#)⁴⁶

RegisterModel.OnGetAsync Method

Manipula o pedido GET para a página de registo. Carrega os métodos de autenticação externa disponíveis.

VB

```
Public Function OnGetAsync( _  
    Optional ByVal returnUrl As String = null _  
) As Task
```

C#

```
public Task OnGetAsync(
```

```
        string returnUrl = null  
    )
```

```
[C++]  
public:  
Task^ OnGetAsync(  
    String^ returnUrl  
)
```

```
[JScript]  
public function OnGetAsync(  
    returnUrl : String  
) : Task;
```

Parameters

returnUrl

URL para redirecionar após o registo

See Also

Applies to: [RegisterModel](#)⁴⁶

RegisterModel.OnPostAsync Method

Manipula o pedido POST para o registo de utilizadores. Cria um novo utilizador se os dados forem válidos.

VB

```
Public Function OnPostAsync( _  
    Optional ByVal returnUrl As String = null _  
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostAsync(  
    string returnUrl = null  
)
```

```
[C++]  
public:  
Task<IActionResult^>^ OnPostAsync(  
    String^ returnUrl  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

returnUrl

URL para redirecionar após o registo bem-sucedido

Returns

Página de confirmação, página inicial ou página de registo com erros de validação

See Also

Applies to: [RegisterModel](#)⁴⁶

InputModel Class

Classe que representa os dados do formulário de registo

VB

```
Public Class InputModel
```

C#

```
public class InputModel
```

[C++]

```
public ref class InputModel
```

[JScript]

```
public class InputModel
```

Requirements

Namespace: [SecondChance.Areas.Identity.Pages.Account](#)¹³

Assembly: SecondChance (in SecondChance.dll)

Properties

[BirthDate](#)⁵³, [ConfirmPassword](#)⁵⁴, [Email](#)⁵⁵, [FullName](#)⁵⁶, [Password](#)⁵⁶

See Also

Applies to: [RegisterModel](#)⁴⁶

InputModel.BirthDate Property

Data de nascimento do utilizador

VB

```
<Required()> _
<DataType(DataType.Date)> _
<Display(Name = "Data de Nascimento")> _
<MinimumAge(18)> _
<MaximumAge(125)> _
Public Property BirthDate() As Date
```

C#

```
[Required()]
[DataType(DataType.Date)]
[Display(Name = "Data de Nascimento")]
[MinimumAge(18)]
[MaximumAge(125)]
public DateTime BirthDate {get; set;}
```

[C++]

```
[Required()]
[DataType(DataType.Date)]
[Display(Name = "Data de Nascimento")]
[MinimumAge(18)]
[MaximumAge(125)]
public:
property DateTime BirthDate {
    DateTime get();
    void set(
        DateTime value
    );
}
```

[JScript]

```
public
    Required()
    DataType(DataType.Date)
    Display(Name = "Data de Nascimento")
    MinimumAge(18)
    MaximumAge(125)
function get BirthDate() : DateTime;
public
    Required()
    DataType(DataType.Date)
    Display(Name = "Data de Nascimento")
    MinimumAge(18)
    MaximumAge(125)
function set BirthDate(value : DateTime);
```

See Also

Applies to: [InputModel](#)₅₂

InputModel.ConfirmPassword Property

Confirmação da palavra-passe

VB

```
<DataType(DataType.Password)> _
<Display(Name = "Confirm password")> _
<Compare("Password", ErrorMessage = "The password and confirmation password do
not match.")> _
Public Property ConfirmPassword() As String
```

C#

```
[DataType(DataType.Password)]
[Display(Name = "Confirm password")]
[Compare("Password", ErrorMessage = "The password and confirmation password do
not match.")]
public string ConfirmPassword {get; set;}
```

[C++]

```
[DataType(DataType.Password)]
[Display(Name = "Confirm password")]
[Compare("Password", ErrorMessage = "The password and confirmation password do
not match.")]
public:
property String^ ConfirmPassword {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    DataType(DataType.Password)
    Display(Name = "Confirm password")
    Compare("Password", ErrorMessage = "The password and confirmation password do
not match.")
function get ConfirmPassword() : String;
public
    DataType(DataType.Password)
    Display(Name = "Confirm password")
    Compare("Password", ErrorMessage = "The password and confirmation password do
not match.")
function set ConfirmPassword(value : String);
```

See Also

Applies to: [InputModel](#)₅₂

InputModel.Email Property

Endereço de email do utilizador

VB

```
<Required()> _
<EmailAddress()> _
<Display(Name = "Email")> _
Public Property Email() As String
```

C#

```
[Required()]
[EmailAddress()]
[Display(Name = "Email")]
public string Email {get; set;}
```

```
[C++]
[Required()]
[EmailAddress()]
[Display(Name = "Email")]
public:
property String^ Email {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
    EmailAddress()
    Display(Name = "Email")
function get Email() : String;
public
    Required()
    EmailAddress()
    Display(Name = "Email")
function set Email(value : String);
```

See Also

Applies to: [InputModel](#)₅₂

InputModel.FullName Property

Nome completo do utilizador

VB

```
<Required()> _
<Display(Name = "Nome Completo")> _
Public Property FullName() As String
```

C#

```
[Required()]
[Display(Name = "Nome Completo")]
public string FullName {get; set;}
```

C++

```
[Required()]
[Display(Name = "Nome Completo")]
public:
property String^ FullName {
    String^ get( );
    void set(
        String^ value
    );
}
```

JScript

```
public
    Required()
    Display(Name = "Nome Completo")
function get FullName() : String;
public
    Required()
    Display(Name = "Nome Completo")
function set FullName(value : String);
```

See Also

Applies to: [InputModel](#)₅₂

InputModel.Password Property

Palavra-passe do utilizador

VB

```
<Required()> _
<DataType(DataType.Password)> _
<Display(Name = "Password")> _
<PasswordStrength()> _
```

```
Public Property Password() As String
```

C#

```
[Required()]
[DataType(DataType.Password)]
[Display(Name = "Password")]
[PasswordStrength()]
public string Password {get; set;}
```

[C++]

```
[Required()]
[DataType(DataType.Password)]
[Display(Name = "Password")]
[PasswordStrength()]
public:
property String^ Password {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    Required()
    DataType(DataType.Password)
    Display(Name = "Password")
    PasswordStrength()
function get Password() : String;
public
    Required()
    DataType(DataType.Password)
    Display(Name = "Password")
    PasswordStrength()
function set Password(value : String);
```

See Also

Applies to: [InputModel](#)⁵²

ResetPasswordModel Class

Modelo da página de redefinição de palavra-passe. Gere o processo de alteração de palavra-passe após recuperação.

object

[Microsoft.AspNetCore.Mvc.RazorPages.PageModel](#)

[SecondChance.Areas.Identity.Pages.Account.ResetPasswordModel](#)

VB

```
<AllowAnonymous()> _
Public Class ResetPasswordModel
    Inherits PageModel
```

C#

```
[AllowAnonymous()]
public class ResetPasswordModel : PageModel
```

[C++]

```
[AllowAnonymous()]
public ref class ResetPasswordModel : public PageModel^
```

[JScript]

```
public
    AllowAnonymous()
class ResetPasswordModel
    extends PageModel
```

Requirements

Namespace:SecondChance.Areas.Identity.Pages.Account₁₃

Assembly: SecondChance (in SecondChance.dll)

Constructors

ResetPasswordModel₅₉

Properties

HttpContext (inherited from PageModel), Input₆₀, MetadataProvider (inherited from PageModel), ModelState (inherited from PageModel), PageContext (inherited from PageModel), Request (inherited from PageModel), Response (inherited from PageModel), RouteData (inherited from PageModel), TempData (inherited from PageModel), Url (inherited from PageModel), User (inherited from PageModel), ViewData (inherited from PageModel)

Methods

BadRequest (inherited from PageModel), Challenge (inherited from PageModel), Content (inherited from PageModel), File (inherited from PageModel), Forbid (inherited from PageModel), LocalRedirect (inherited from PageModel), LocalRedirectPermanent (inherited from PageModel), LocalRedirectPermanentPreserveMethod (inherited from PageModel), LocalRedirectPreserveMethod (inherited from PageModel), NotFound (inherited from PageModel), OnGet₆₀, OnPageHandlerExecuted (inherited from PageModel), OnPageHandlerExecuting (inherited from PageModel), OnPageHandlerExecutionAsync (inherited from PageModel), OnPageHandlerSelected (inherited from PageModel), OnPageHandlerSelectionAsync (inherited from PageModel), OnPostAsync₆₁, Page (inherited from PageModel), Partial (inherited from PageModel), PhysicalFile (inherited from PageModel), Redirect (inherited from PageModel),

[RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToActionPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

Classes

[InputModel₆₂](#)

ResetPasswordModel Constructor

Construtor da classe ResetPasswordModel.

VB

```
Public Sub New(  
    ByVal userManager As UserManager(Of User) _  
)
```

C#

```
public ResetPasswordModel(  
    UserManager<User> userManager  
)
```

[C++]

```
public:  
ResetPasswordModel(  
    UserManager<User>^ userManager  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userManager

Gestor de utilizadores que fornece APIs para gerir utilizadores

See Also

Applies to: [ResetPasswordModel](#)⁵⁷

ResetPasswordModel.Input Property

Modelo com os dados de entrada para a redefinição de palavra-passe

VB

```
<BindProperty()> _
Public Property Input() As InputModel
```

C#

```
[BindProperty()]
public InputModel Input {get; set;}
```

```
[C++]
[BindProperty()]
public:
property InputModel^ Input {
    InputModel^ get( );
    void set(
        InputModel^ value
    );
}
```

```
[JScript]
public
    BindProperty()
function get Input() : InputModel;
public
    BindProperty()
function set Input(value : InputModel);
```

See Also

Applies to: [ResetPasswordModel](#)⁵⁷

ResetPasswordModel.OnGet Method

Manipula o pedido GET para a página de redefinição de palavra-passe. Configura o código de verificação para o formulário.

VB

```
Public Function OnGet(
    Optional ByVal code As String = null _
```

```
) As IActionResult
```

C#

```
public IActionResult OnGet(  
    string code = null  
)
```

[C++]

```
public:  
IActionResult^ OnGet(  
    String^ code  
)
```

[JScript]

```
public function OnGet(  
    code : String  
) : IActionResult;
```

Parameters

code

Código de verificação para redefinição de palavra-passe

Returns

Página de redefinição de palavra-passe ou erro se o código for inválido

See Also

Applies to: [ResetPasswordModel](#)⁵⁷

ResetPasswordModel.OnPostAsync Method

Manipula o pedido POST para a redefinição de palavra-passe. Altera a palavra-passe do utilizador se o código for válido.

VB

```
Public Function OnPostAsync() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostAsync()
```

[C++]

```
public:  
Task<IActionResult>^ OnPostAsync()
```

[JScript]
JScript does not support generic types and methods.

Returns

Redirecionamento para a página de início de sessão ou página com erros de validação

See Also

Applies to: [ResetPasswordModel](#)₅₇

InputModel Class

Classe que representa os dados do formulário de redefinição de palavra-passe

VB

```
Public Class InputModel
```

C#

```
public class InputModel
```

[C++]
public ref class InputModel

[JScript]
public class InputModel

Requirements

Namespace:SecondChance.Areas.Identity.Pages.Account₁₃

Assembly: SecondChance (in SecondChance.dll)

Properties

[Code](#)₆₃, [ConfirmPassword](#)₆₃, [Email](#)₆₄, [Password](#)₆₅

See Also

Applies to: [ResetPasswordModel](#)₅₇

InputModel.Code Property

Código de verificação para redefinição de palavra-passe

VB

```
<Required()> _
Public Property Code() As String
```

C#

```
[Required()]
public string Code {get; set;}
```

```
[C++]
[Required()]
public:
property String^ Code {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get Code() : String;
public
    Required()
function set Code(value : String);
```

See Also

Applies to: [InputModel](#)⁶²

InputModel.ConfirmPassword Property

Confirmação da nova palavra-passe

VB

```
<DataType(DataType.Password)> _
<Display(Name = "Confirmar senha")> _
<Compare("Password", ErrorMessage = "A senha e a senha de confirmação não
correspondem.")> _
Public Property ConfirmPassword() As String
```

C#

```
[DataType(DataType.Password)]
[Display(Name = "Confirmar senha")]
[Compare("Password", ErrorMessage = "A senha e a senha de confirmação não
correspondem.")]
public string ConfirmPassword {get; set;}
```

```
[C++]
[DataType(DataType.Password)]
[Display(Name = "Confirmar senha")]
[Compare("Password", ErrorMessage = "A senha e a senha de confirmação não
correspondem.")]
public:
property String^ ConfirmPassword {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    DataType(DataType.Password)
    Display(Name = "Confirmar senha")
    Compare("Password", ErrorMessage = "A senha e a senha de confirmação não
correspondem.")
function get ConfirmPassword() : String;
public
    DataType(DataType.Password)
    Display(Name = "Confirmar senha")
    Compare("Password", ErrorMessage = "A senha e a senha de confirmação não
correspondem.")
function set ConfirmPassword(value : String);
```

See Also

Applies to: [InputModel](#)₆₂

InputModel.Email Property

Endereço de email do utilizador

VB

```
<Required()> _
<EmailAddress()> _
Public Property Email() As String
```

C#

```
[Required()]
[EmailAddress()]
public string Email {get; set;}
```

```
[C++]
[Required()]
[EmailAddress()]
public:
property String^ Email {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
    EmailAddress()
function get Email() : String;
public
    Required()
    EmailAddress()
function set Email(value : String);
```

See Also

Applies to: [InputModel](#)₆₂

InputModel.Password Property

Nova palavra-passe do utilizador

VB

```
<Required()> _
<DataType(DataType.Password)> _
<PasswordStrength()> _
Public Property Password() As String
```

C#

```
[Required()]
[DataType(DataType.Password)]
[PasswordStrength()]
public string Password {get; set;}
```

```
[C++]
[Required()]
(DataType(DataType.Password)]
>PasswordStrength()
public:
property String^ Password {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
    DataType(DataType.Password)
    PasswordStrength()
function get Password() : String;
public
    Required()
    DataType(DataType.Password)
    PasswordStrength()
function set Password(value : String);
```

See Also

Applies to: [InputModel](#)₆₂

SecondChance.Areas.Identity.Pages.Account.Manage Namespace

Classes

[IndexModel⁶⁷](#), [ManageNavPages⁸⁸](#)

IndexModel Class

Modelo da página de gestão de perfil de utilizador. Permite visualizar e editar informações do perfil, configurações da conta e preferências do utilizador.

object

[Microsoft.AspNetCore.Mvc.RazorPages.PageModel](#)
[SecondChance.Areas.Identity.Pages.Account.Manage.IndexModel](#)

VB

```
Public Class IndexModel  
    Inherits PageModel
```

C#

```
public class IndexModel : PageModel
```

[C++]
public ref class IndexModel : public PageModel^

[JScript]
public class IndexModel
 extends PageModel

Requirements

Namespace:[SecondChance.Areas.Identity.Pages.Account.Manage⁶⁷](#)

Assembly: SecondChance (in SecondChance.dll)

Constructors

[IndexModel⁶⁸](#)

Properties

[AverageRating⁶⁹](#), [CanRate⁷⁰](#), [CurrentSort⁷⁰](#), [CurrentUserRating⁷¹](#), [HasPassword⁷²](#), [HttpContext](#) (inherited from [PageModel](#)), [ImageFile⁷²](#), [Input⁷³](#), [IsCurrentUser⁷⁴](#), [MetadataProvider](#) (inherited from [PageModel](#)), [ModelState](#) (inherited from [PageModel](#)), [PageContext](#) (inherited from [PageModel](#)), [RecentComments⁷⁴](#), [Request](#) (inherited from [PageModel](#)), [Response](#) (inherited from [PageModel](#)), [RouteData](#) (inherited from [PageModel](#)), [StatusMessage⁷⁵](#), [TempData](#) (inherited from [PageModel](#)), [TotalRatings⁷⁶](#), [Url](#) (inherited from [PageModel](#)), [User](#) (inherited from [PageModel](#)), [UserProducts⁷⁶](#), [UserProfile⁷⁷](#), [Username⁷⁸](#), [ViewData](#) (inherited from [PageModel](#))

Methods

[BadRequest](#) (inherited from [PageModel](#)), [Challenge](#) (inherited from [PageModel](#)), [Content](#) (inherited from [PageModel](#)), [File](#) (inherited from [PageModel](#)), [Forbid](#) (inherited from [PageModel](#)), [LocalRedirect](#) (inherited from [PageModel](#)), [LocalRedirectPermanent](#) (inherited from [PageModel](#)), [LocalRedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [LocalRedirectPreserveMethod](#) (inherited from [PageModel](#)), [NotFound](#) (inherited from [PageModel](#)), [OnGetAsync₇₈](#), [OnPageHandlerExecuted](#) (inherited from [PageModel](#)), [OnPageHandlerExecuting](#) (inherited from [PageModel](#)), [OnPageHandlerExecutionAsync](#) (inherited from [PageModel](#)), [OnPageHandlerSelected](#) (inherited from [PageModel](#)), [OnPageHandlerSelectionAsync](#) (inherited from [PageModel](#)), [OnPostAsync₇₉](#), [OnPostDeactivateAccountAsync₈₀](#), [OnPostSubmitRatingAsync₈₀](#), [Page](#) (inherited from [PageModel](#)), [Partial](#) (inherited from [PageModel](#)), [PhysicalFile](#) (inherited from [PageModel](#)), [Redirect](#) (inherited from [PageModel](#)), [RedirectPermanent](#) (inherited from [PageModel](#)), [RedirectPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToAction](#) (inherited from [PageModel](#)), [RedirectToActionPermanent](#) (inherited from [PageModel](#)), [RedirectToActionPermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToActionPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPage](#) (inherited from [PageModel](#)), [RedirectToPagePermanent](#) (inherited from [PageModel](#)), [RedirectToPagePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToPagePreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoute](#) (inherited from [PageModel](#)), [RedirectToRoutePermanent](#) (inherited from [PageModel](#)), [RedirectToRoutePermanentPreserveMethod](#) (inherited from [PageModel](#)), [RedirectToRoutePreserveMethod](#) (inherited from [PageModel](#)), [SignIn](#) (inherited from [PageModel](#)), [SignOut](#) (inherited from [PageModel](#)), [StatusCode](#) (inherited from [PageModel](#)), [TryUpdateModelAsync](#) (inherited from [PageModel](#)), [TryValidateModel](#) (inherited from [PageModel](#)), [Unauthorized](#) (inherited from [PageModel](#)), [ViewComponent](#) (inherited from [PageModel](#))

Classes

[InputModel₈₁](#)

IndexModel Constructor

Construtor do IndexModel.

VB

```
Public Sub New( _
    ByVal userManager As UserManager(Of User), _
    ByVal signInManager As SignInManager(Of User), _
    ByVal context As ApplicationDbContext, _
    Optional ByVal productRepository As IProductRepository = null _
)
```

C#

```
public IndexModel(
    UserManager<User> userManager,
    SignInManager<User> signInManager,
    ApplicationDbContext context,
```

```
IProductRepository productRepository = null  
)
```

```
[C++]  
public:  
IndexModel(  
    UserManager<User>^ userManager,  
    SignInManager<User>^ signInManager,  
    ApplicationDbContext^ context,  
    IProductRepository^ productRepository  
)
```

```
[JScript]  
JScript does not support generic types and methods.
```

Parameters

userManager

Gestor de utilizadores para acesso a funcionalidades de identidade

signInManager

Gestor de sessões para funcionalidades de autenticação

context

Contexto da base de dados

productRepository

Repositório de produtos, opcional

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.AverageRating Property

Avaliação média do utilizador

VB

```
Public Property AverageRating() As Double
```

C#

```
public double AverageRating {get; set;}
```

```
[C++]  
public:  
property double AverageRating {
```

```
    double get( );
    void set(
        double value
    );
}
```

[**JScript**]
public function get AverageRating() : **double**;
public function set AverageRating(value : **double**);

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.CanRate Property

Indica se o utilizador autenticado pode avaliar o perfil sendo visualizado

VB

```
Public Property CanRate() As Boolean
```

C#

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

[**C++**]
public:
property **bool** CanRate {
 bool get();
 void set(
 bool value
);
}

[**JScript**]
public function get CanRate() : **boolean**;
public function set CanRate(value : **boolean**);

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.CurrentSort Property

Ordenação atual aplicada aos produtos do utilizador

VB

```
Public Property CurrentSort() As String
```

C#

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

[C++]
public:
property String^ CurrentSort {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get CurrentSort() : String;
public function set CurrentSort(value : String);

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.CurrentUserRating Property

Avaliação atual do utilizador autenticado para o perfil sendo visualizado

VB

```
Public Property CurrentUserRating() As Nullable(Of Integer)
```

C#

```
public Nullable<int> CurrentUserRating {get; set;}
```

[C++]
public:
property Nullable<int> CurrentUserRating {
 Nullable<int> get();
 void set(
 Nullable<int> value
);
}

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.HasPassword Property

Indica se o utilizador possui uma password configurada

VB

```
Public Property HasPassword() As Boolean
```

C#

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

[C++]

```
public:  
property bool HasPassword {  
    bool get( );  
    void set(  
        bool value  
    );  
}
```

[JScript]

```
public function get HasPassword() : boolean;  
public function set HasPassword(value : boolean);
```

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.ImageFile Property

Ficheiro de imagem para o avatar do utilizador

VB

```
<BindProperty()>  
Public Property ImageFile() As IFormFile
```

C#

```
[BindProperty()]
public IFormFile ImageFile {get; set;}
```

```
[C++]
[BindProperty()]
public:
property IFormFile^ ImageFile {
    IFormFile^ get( );
    void set(
        IFormFile^ value
    );
}
```

```
[JScript]
public
    BindProperty()
function get ImageFile() : IFormFile;
public
    BindProperty()
function set ImageFile(value : IFormFile);
```

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.Input Property

Modelo com os dados de entrada para a edição de perfil

VB

```
<BindProperty()> _
Public Property Input() As InputModel
```

C#

```
[BindProperty()]
public InputModel Input {get; set;}
```

```
[C++]
[BindProperty()]
public:
property InputModel^ Input {
    InputModel^ get( );
    void set(
        InputModel^ value
    );
}
```

```
}
```

```
[JScript]
public
    BindProperty()
function get Input() : InputModel;
public
    BindProperty()
function set Input(value : InputModel);
```

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.IsCurrentUser Property

Indica se o perfil sendo visualizado pertence ao utilizador autenticado

VB

```
Public Property IsCurrentUser() As Boolean
```

C#

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

```
[C++]
public:
property bool IsCurrentUser {
    bool get( );
    void set(
        bool value
    );
}
```

```
[JScript]
public function get IsCurrentUser() : boolean;
public function set IsCurrentUser(value : boolean);
```

See Also

Applies to: [IndexModel](#)₆₇

IndexModel.RecentComments Property

Lista de comentários recentes no perfil do utilizador

VB

```
Public Property RecentComments() As List(Of Comment)
```

C#

```
public List<Comment> RecentComments {get; set;}
```

[C++]

```
public:  
property List<Comment>^ RecentComments {  
    List<Comment>^ get( );  
    void set(  
        List<Comment>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.StatusMessage Property

VB

```
<TempData()>  
Public Property StatusMessage() As String
```

C#

```
[TempData()]  
public string StatusMessage {get; set;}
```

[C++]

```
[TempData()]  
public:  
property String^ StatusMessage {  
    String^ get( );  
    void set(  
        String^ value  
    );  
}
```

```
[JScript]
public
    TempData()
function get StatusMessage() : String;
public
    TempData()
function set StatusMessage(value : String);
```

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.TotalRatings Property

Total de avaliações recebidas pelo utilizador

VB

```
Public Property TotalRatings() As Integer
```

C#

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

```
[C++]
public:
property int TotalRatings {
    int get( );
    void set(
        int value
    );
}
```

```
[JScript]
public function get TotalRatings() : int;
public function set TotalRatings(value : int);
```

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.UserProducts Property

Lista de produtos pertencentes ao utilizador

VB

```
Public Property UserProducts() As List(Of Product)
```

C#

```
public List<Product> UserProducts {get; set;}
```

[C++]
public:
property List<Product>^ UserProducts {
 List<Product>^ get();
 void set(
 List<Product>^ value
);
}

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.UserProfile Property

Perfil do utilizador a ser exibido ou editado

VB

```
Public Property UserProfile() As User
```

C#

```
public User UserProfile {get; set;}
```

[C++]
public:
property User^ UserProfile {
 User^ get();
 void set(
 User^ value
);
}

[JScript]

```
public function get UserProfile() : User;
public function set UserProfile(value : User);
```

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.Username Property

Nome de utilizador para exibição

VB

```
Public Property Username() As String
```

C#

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

[C++]

```
public:
property String^ Username {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public function get Username() : String;
public function set Username(value : String);
```

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.OnGetAsync Method

Manipula o pedido GET para a página de perfil. Carrega o perfil do utilizador especificado ou do utilizador atual.

VB

```
Public Function OnGetAsync( _
    Optional ByVal userId As String = null, _
    Optional ByVal sort As String = null _
```

```
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnGetAsync(
    string userId = null,
    string sort = null
)
```

[C++]

```
public:
Task<IActionResult^>^ OnGetAsync(
    String^ userId,
    String^ sort
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userId

ID do utilizador a ser visualizado (opcional)

sort

Critério de ordenação para os produtos do utilizador (opcional)

Returns

Página de perfil do utilizador

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.OnPostAsync Method

Manipula o pedido POST para atualização do perfil. Processa as alterações nos dados do utilizador.

VB

```
Public Function OnPostAsync() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostAsync()
```

```
[C++]
public:
Task<IActionResult>^ OnPostAsync()
```

```
[JScript]
JScript does not support generic types and methods.
```

Returns

Página de perfil atualizada ou com erros de validação

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.OnPostDeactivateAccountAsync Method

Manipula o pedido POST para desativar a conta do utilizador atual.

VB

```
Public Function OnPostDeactivateAccountAsync() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostDeactivateAccountAsync()
```

```
[C++]
public:
Task<IActionResult>^ OnPostDeactivateAccountAsync()
```

```
[JScript]
JScript does not support generic types and methods.
```

Returns

Redirecionamento para a página de login após desativação bem-sucedida

See Also

Applies to: [IndexModel](#)⁶⁷

IndexModel.OnPostSubmitRatingAsync Method

Manipula o pedido POST para submeter uma avaliação a um perfil. Adiciona ou atualiza uma avaliação do utilizador atual para o utilizador especificado.

VB

```
Public Function OnPostSubmitRatingAsync( _  
    ByVal ratedUserId As String, _  
    ByVal rating As Integer _  
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> OnPostSubmitRatingAsync(  
    string ratedUserId,  
    int rating  
)
```

[C++]

```
public:  
Task<IActionResult^>^ OnPostSubmitRatingAsync(  
    String^ ratedUserId,  
    int rating  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

ratedUserId

ID do utilizador a ser avaliado

rating

Pontuação da avaliação (1-5)

Returns

Redirecionamento para a página de perfil com mensagem de resultado

See Also

Applies to: [IndexModel](#)₆₇

InputModel Class

Classe que representa os dados do formulário de edição de perfil

VB

```
Public Class InputModel
```

C#

```
public class InputModel
```

[C++]
public ref class InputModel

[JScript]
public class InputModel

Requirements

Namespace:SecondChance.Areas.Identity.Pages.Account.Manage⁶⁷

Assembly: SecondChance (in SecondChance.dll)

Properties

ConfirmPassword⁸², Description⁸³, FullName⁸⁴, Image⁸⁵, Location⁸⁵, NewPassword⁸⁶, OldPassword⁸⁷

See Also

Applies to: [IndexModel](#)⁶⁷

InputModel.ConfirmPassword Property

Confirmação da nova palavra-passe

VB

```
<DataType(DataType.Password)> _
<Display(Name = "Confirmar nova password")> _
<Compare("NewPassword", ErrorMessage = "A nova password e a confirmação não
coincidem.")> _
Public Property ConfirmPassword() As String
```

C#

```
[DataType(DataType.Password)]
[Display(Name = "Confirmar nova password")]
[Compare("NewPassword", ErrorMessage = "A nova password e a confirmação não
coincidem.")]
public string ConfirmPassword {get; set;}
```

[C++]
[DataType(DataType.Password)]
[Display(Name = "Confirmar nova password")]
[Compare("NewPassword", ErrorMessage = "A nova password e a confirmação não
coincidem.")]
public:
property String^ ConfirmPassword {

```
String^ get( );
void set(
    String^ value
);
}
```

```
[JScript]
public
    DataType(DataType.Password)
    Display(Name = "Confirmar nova password")
    Compare("NewPassword", ErrorMessage = "A nova password e a confirmação não
coincidem.")
function get ConfirmPassword() : String;
public
    DataType(DataType.Password)
    Display(Name = "Confirmar nova password")
    Compare("NewPassword", ErrorMessage = "A nova password e a confirmação não
coincidem.")
function set ConfirmPassword(value : String);
```

See Also

Applies to: [InputModel](#)₈₁

InputModel.Description Property

Descrição/biografia do utilizador

VB

```
<Display(Name = "Descrição")> _
Public Property Description() As String
```

C#

```
[Display(Name = "Descrição")]
public string Description {get; set;}
```

```
[C++]
[Display(Name = "Descrição")]
public:
property String^ Description {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Display(Name = "Descrição")
function get Description() : String;
public
    Display(Name = "Descrição")
function set Description(value : String);
```

See Also

Applies to: [InputModel](#)₈₁

InputModel.FullName Property

Nome completo do utilizador

VB

```
<Required(ErrorMessage = "O nome é obrigatório")> _
<Display(Name = "Nome Completo")> _
Public Property FullName() As String
```

C#

```
[Required(ErrorMessage = "O nome é obrigatório")]
[Display(Name = "Nome Completo")]
public string FullName {get; set;}
```

```
[C++]
[Required(ErrorMessage = "O nome é obrigatório")]
[Display(Name = "Nome Completo")]
public:
property String^ FullName {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required(ErrorMessage = "O nome é obrigatório")
    Display(Name = "Nome Completo")
function get FullName() : String;
public
    Required(ErrorMessage = "O nome é obrigatório")
    Display(Name = "Nome Completo")
function set FullName(value : String);
```

See Also

Applies to: [InputModel₈₁](#)

InputModel.Image Property

Caminho para a imagem de perfil do utilizador

VB

```
<Display(Name = "Imagen")> _
Public Property Image() As String
```

C#

```
[Display(Name = "Imagen")]
public string Image {get; set;}
```

```
[C++]
[Display(Name = "Imagen")]
public:
property String^ Image {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Display(Name = "Imagen")
function get Image() : String;
public
    Display(Name = "Imagen")
function set Image(value : String);
```

See Also

Applies to: [InputModel₈₁](#)

InputModel.Location Property

Localização/cidade do utilizador

VB

```
<Display(Name = "Localização")> _
Public Property Location() As String
```

C#

```
[Display(Name = "Localização")]
public string Location {get; set;}
```

[C++]

```
[Display(Name = "Localização")]
public:
property String^ Location {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    Display(Name = "Localização")
function get Location() : String;
public
    Display(Name = "Localização")
function set Location(value : String);
```

See Also

Applies to: [InputModel](#)₈₁

InputModel.NewPassword Property

Nova palavra-passe do utilizador

VB

```
<StringLength(100, ErrorMessage = "A {0} deve ter pelo menos {2} e no máximo {1}
caracteres.", MinimumLength = 6)> _
<DataType(DataType.Password)> _
<Display(Name = "Nova password")> _
Public Property NewPassword() As String
```

C#

```
[StringLength(100, ErrorMessage = "A {0} deve ter pelo menos {2} e no máximo {1}
caracteres.", MinimumLength = 6)]
[DataType(DataType.Password)]
[Display(Name = "Nova password")]
public string NewPassword {get; set;}
```

[C++]

```
[StringLength(100, ErrorMessage = "A {0} deve ter pelo menos {2} e no máximo {1} caracteres.", MinimumLength = 6)]
[DataType(DataType.Password)]
[Display(Name = "Nova password")]
public:
property String^ NewPassword {
    String^ get();
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    StringLength(100, ErrorMessage = "A {0} deve ter pelo menos {2} e no máximo {1} caracteres.", MinimumLength = 6)
        DataType(DataType.Password)
        Display(Name = "Nova password")
function get NewPassword() : String;
public
    StringLength(100, ErrorMessage = "A {0} deve ter pelo menos {2} e no máximo {1} caracteres.", MinimumLength = 6)
        DataType(DataType.Password)
        Display(Name = "Nova password")
function set NewPassword(value : String);
```

See Also

Applies to: [InputModel](#)₈₁

InputModel.OldPassword Property

Palavra-passe atual do utilizador

VB

```
<DataType(DataType.Password)> _
<Display(Name = "Password atual")> _
Public Property OldPassword() As String
```

C#

```
[DataType(DataType.Password)]
[Display(Name = "Password atual")]
public string OldPassword {get; set;}
```

[C++]

```
[DataType(DataType.Password)]
[Display(Name = "Password atual")]
```

```
public:  
property String^ OldPassword {  
    String^ get( );  
    void set(  
        String^ value  
    );  
}
```

[JScript]

```
public  
    DataType(DataType.Password)  
    Display(Name = "Password atual")  
function get OldPassword() : String;  
public  
    DataType(DataType.Password)  
    Display(Name = "Password atual")  
function set OldPassword(value : String);
```

See Also

Applies to: [InputModel](#)⁸¹

ManageNavPages Class

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Class ManageNavPages
```

C#

```
public static class ManageNavPages
```

[C++]

```
public ref class ManageNavPages
```

[JScript]

```
public class ManageNavPages
```

Requirements

Namespace: [SecondChance.Areas.Identity.Pages.Account.Manage](#)⁶⁷

Assembly: SecondChance (in SecondChance.dll)

Properties

[ChangePassword](#)₈₉, [DeletePersonalData](#)₈₉, [DownloadPersonalData](#)₉₀, [Email](#)₉₁, [ExternalLogins](#)₉₁, [Index](#)₉₂, [PersonalData](#)₉₂, [TwoFactorAuthentication](#)₉₃

Methods

[ChangePasswordNavClass](#)₉₃, [DeletePersonalDataNavClass](#)₉₄, [DownloadPersonalDataNavClass](#)₉₅, [EmailNavClass](#)₉₆, [ExternalLoginsNavClass](#)₉₇, [IndexNavClass](#)₉₇, [PageNavClass](#)₉₈, [PersonalDataNavClass](#)₉₉, [TwoFactorAuthenticationNavClass](#)₁₀₀

ManageNavPages.ChangePassword Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property ChangePassword() As String
```

C#

```
public static string ChangePassword {get;}
```

[C++]

```
public:  
static property String^ ChangePassword {  
    String^ get( );  
}
```

[JScript]

```
public static function get ChangePassword() : String;
```

See Also

Applies to: [ManageNavPages](#)₈₈

ManageNavPages.DeletePersonalData Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property DeletePersonalData() As String
```

C#

```
public static string DeletePersonalData {get;}
```

```
[C++]
public:
static property String^ DeletePersonalData {
    String^ get( );
}
```

```
[JScript]
public static function get DeletePersonalData() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.DownloadPersonalData Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property DownloadPersonalData() As String
```

C#

```
public static string DownloadPersonalData {get;}
```

```
[C++]
public:
static property String^ DownloadPersonalData {
    String^ get( );
}
```

```
[JScript]
public static function get DownloadPersonalData() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.Email Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property Email() As String
```

C#

```
public static string Email {get;}
```

```
[C++]
public:
static property String^ Email {
    String^ get( );
}
```

```
[JScript]
public static function get Email() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.ExternalLogins Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property ExternalLogins() As String
```

C#

```
public static string ExternalLogins {get;}
```

```
[C++]
public:
static property String^ ExternalLogins {
    String^ get( );
}
```

[JScript]

```
public static function get ExternalLogins() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.Index Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property Index() As String
```

C#

```
public static string Index {get;}
```

[C++]

```
public:  
static property String^ Index {  
    String^ get();  
}
```

[JScript]

```
public static function get Index() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.PersonalData Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property PersonalData() As String
```

C#

```
public static string PersonalData {get;}
```

```
[C++]
public:
static property String^ PersonalData {
    String^ get( );
}
```

```
[JScript]
public static function get PersonalData() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.TwoFactorAuthentication Property

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public ReadOnly Shared Property TwoFactorAuthentication() As String
```

C#

```
public static string TwoFactorAuthentication {get;}
```

```
[C++]
public:
static property String^ TwoFactorAuthentication {
    String^ get( );
}
```

```
[JScript]
public static function get TwoFactorAuthentication() : String;
```

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.ChangePasswordNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function ChangePasswordNavClass( _
    ByVal viewContext As ViewContext _ 
) As String
```

C#

```
public static string ChangePasswordNavClass(
    ViewContext viewContext
)
```

[C++]

```
public:
static String^ ChangePasswordNavClass(
    ViewContext^ viewContext
)
```

[JScript]

```
public static function ChangePasswordNavClass(
    viewContext : ViewContext
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)₈₈

ManageNavPages.DeletePersonalDataNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function DeletePersonalDataNavClass( _
    ByVal viewContext As ViewContext _ 
) As String
```

C#

```
public static string DeletePersonalDataNavClass(
    ViewContext viewContext
)
```

```
[C++]
public:
static String^ DeletePersonalDataNavClass(
    ViewContext^ viewContext
)
```

```
[JScript]
public static function DeletePersonalDataNavClass(
    viewContext : ViewContext
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.DownloadPersonalDataNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function DownloadPersonalDataNavClass( _
    ByVal viewContext As ViewContext _ 
) As String
```

C#

```
public static string DownloadPersonalDataNavClass(
    ViewContext viewContext
)
```

```
[C++]
public:
static String^ DownloadPersonalDataNavClass(
    ViewContext^ viewContext
)
```

```
[JScript]
public static function DownloadPersonalDataNavClass(
    viewContext : ViewContext
```

```
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)₈₈

ManageNavPages.EmailNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function EmailNavClass( _
    ByVal viewContext As ViewContext _ 
) As String
```

C#

```
public static string EmailNavClass(
    ViewContext viewContext
)
```

[C++]
public:
static String^ EmailNavClass(
 ViewContext^ viewContext
)

[JScript]
public static function EmailNavClass(
 viewContext : ViewContext
) : String;

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)₈₈

ManageNavPages.ExternalLoginsNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function ExternalLoginsNavClass( _  
    ByVal viewContext As ViewContext _  
) As String
```

C#

```
public static string ExternalLoginsNavClass(  
    ViewContext viewContext  
)
```

[C++]

```
public:  
static String^ ExternalLoginsNavClass(  
    ViewContext^ viewContext  
)
```

[JScript]

```
public static function ExternalLoginsNavClass(  
    viewContext : ViewContext  
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.IndexNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function IndexNavClass( _  
    ByVal viewContext As ViewContext _  
) As String
```

C#

```
public static string IndexNavClass(  
    ViewContext viewContext  
)
```

```
[C++]  
public:  
static String^ IndexNavClass(  
    ViewContext^ viewContext  
)
```

```
[JScript]  
public static function IndexNavClass(  
    viewContext : ViewContext  
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.PageNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function PageNavClass( _  
    ByVal viewContext As ViewContext, _  
    ByVal page As String _  
) As String
```

C#

```
public static string PageNavClass(  
    ViewContext viewContext,  
    string page  
)
```

```
[C++]  
public:  
static String^ PageNavClass(  
    ViewContext^ viewContext,
```

```
    String^ page
)
```

```
[JScript]
public static function PageNavClass(
    viewContext : ViewContext,
    page : String
) : String;
```

Parameters*viewContext**page***See Also**Applies to: [ManageNavPages](#)⁸⁸**ManageNavPages.PersonalDataNavClass Method**

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function PersonalDataNavClass( _
    ByVal viewContext As ViewContext _ 
) As String
```

C#

```
public static string PersonalDataNavClass(
    ViewContext viewContext
)
```

```
[C++]
public:
static String^ PersonalDataNavClass(
    ViewContext^ viewContext
)
```

```
[JScript]
public static function PersonalDataNavClass(
    viewContext : ViewContext
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)⁸⁸

ManageNavPages.TwoFactorAuthenticationNavClass Method

This API supports the ASP.NET Core Identity default UI infrastructure and is not intended to be used directly from your code. This API may change or be removed in future releases.

VB

```
Public Shared Function TwoFactorAuthenticationNavClass( _
    ByVal viewContext As ViewContext _ 
) As String
```

C#

```
public static string TwoFactorAuthenticationNavClass(
    ViewContext viewContext
)
```

[C++]

```
public:
static String^ TwoFactorAuthenticationNavClass(
    ViewContext^ viewContext
)
```

[JScript]

```
public static function TwoFactorAuthenticationNavClass(
    viewContext : ViewContext
) : String;
```

Parameters

viewContext

See Also

Applies to: [ManageNavPages](#)⁸⁸

SecondChance.Controllers Namespace

Classes

ChatController¹⁰¹, CommentsController¹⁰⁷, HomeController¹¹², ModeratorController¹¹⁵,
ProductsController¹²³, ReportController¹³⁴, StatisticsController¹³⁸, SupportController¹⁴⁰,
TestSetupController¹⁴⁶

ChatController Class

object

```
Microsoft.AspNetCore.Mvc.ControllerBase  
Microsoft.AspNetCore.Mvc.Controller  
SecondChance.Controllers.ChatController
```

VB

```
<Authorize()>  
Public Class ChatController  
    Inherits Controller
```

C#

```
[Authorize()]  
public class ChatController : Controller
```

[C++]

```
[Authorize()]  
public ref class ChatController : public Controller^
```

[JScript]

```
public  
    Authorize()  
class ChatController  
    extends Controller
```

Requirements

Namespace: SecondChance.Controllers¹⁰¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

ChatController¹⁰²

Properties

TempData (inherited from Controller), ViewBag (inherited from Controller), ViewData (inherited from Controller)

Methods

[Conversation](#)₁₀₃, [Dispose](#) (inherited from [Controller](#)), [Index](#)₁₀₃, [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)), [OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)), [PartialView](#) (inherited from [Controller](#)), [SendMessage](#)₁₀₄, [StartConversation](#)₁₀₅, [UnreadMessageCount](#)₁₀₆, [View](#) (inherited from [Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

ChatController Constructor

VB

```
Public Sub New(  
    ByVal context As ApplicationDbContext,  
    ByVal userManager As UserManager(Of User),  
    ByVal hubContext As IHubContext(Of ChatHub)  
)
```

C#

```
public ChatController(  
    ApplicationDbContext context,  
    UserManager<User> userManager,  
    IHubContext<ChatHub> hubContext  
)
```

[C++]
public:
ChatController(
 ApplicationDbContext^ context,
 UserManager<User>^ userManager,
 IHubContext<ChatHub>^ hubContext
)

[JScript]

JScript does not support generic types and methods.

Parameters

context

userManager

hubContext

See Also

Applies to: ChatController¹⁰¹

ChatController.Conversation Method

Exibe uma conversa específica com outro utilizador.

VB

```
Public Function Conversation( _  
    ByVal userId As String _  
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> Conversation(  
    string userId  
)
```

[C++]

```
public:  
Task<IActionResult^>^ Conversation(  
    String^ userId  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userId

ID do outro utilizador na conversa

Returns

View com a conversa entre o utilizador atual e o utilizador especificado

Remarks

Este método marca as mensagens não lidas como lidas quando a conversa é aberta

See Also

Applies to: ChatController¹⁰¹

ChatController.Index Method

Lista todas as conversas do utilizador atual.

VB

```
Public Function Index() As Task(Of IActionResult)
```

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C#

```
public Task<IActionResult> Index()
```

[C++]

```
public:  
Task<IActionResult^>^ Index()
```

[JScript]

JScript does not support generic types and methods.

Returns

View com a lista de conversas do utilizador atual

Remarks

Este método carrega todas as conversas privadas do utilizador atual

See Also

Applies to: [ChatController](#)₁₀₁

ChatController.SendMessage Method

Envia uma nova mensagem para um utilizador específico.

VB

```
<HttpPost()> _  
<ValidateAntiForgeryToken()> _  
Public Function SendMessage( _  
    ByVal receiverId As String, _  
    ByVal content As String _  
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]  
[ValidateAntiForgeryToken()]  
public Task<IActionResult> SendMessage(  
    string receiverId,  
    string content  
)
```

[C++]

```
[HttpPost()]
```

```
[ValidateAntiForgeryToken()]
public:
Task<IActionResult>^ SendMessage(
    String^ receiverId,
    String^ content
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*receiverId*

ID do utilizador que receberá a mensagem

content

Conteúdo da mensagem a ser enviada

Returns

Redireciona para a página de conversa com o utilizador recetor

Remarks

Este método utiliza SignalR para notificar o destinatário em tempo real

See Also

Applies to: [ChatController](#)₁₀₁

ChatController.StartConversation Method

Inicia uma nova conversa com um utilizador específico.

VB

```
Public Function StartConversation( _
    ByVal userId As String _
) As Task(Of ActionResult)
```

C#

```
public Task<IActionResult> StartConversation(
    string userId
)
```

[C++]

```
public:
Task<IActionResult>^ StartConversation(
    String^ userId
)
```

[JScript]

JScript does not support generic types and methods.

Parameters**userId**

ID do utilizador com quem se deseja iniciar a conversa

Returns

Redireciona para a página de conversa com o utilizador especificado

See Also

Applies to: [ChatController](#)₁₀₁

ChatController.UnreadMessageCount Method

Devolve a contagem de mensagens não lidas para o utilizador atual.

VB

```
Public Function UnreadMessageCount() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> UnreadMessageCount()
```

[C++]

```
public:  
Task<IActionResult^>^ UnreadMessageCount()
```

[JScript]

JScript does not support generic types and methods.

Returns

Um objeto JSON contendo a contagem de mensagens não lidas

Remarks

Este método é usado para atualizações em tempo real na interface do utilizador, excluindo mensagens de suporte (que começam com "support_").

See Also

Applies to: [ChatController](#)₁₀₁

CommentsController Class

Controlador responsável pela gestão de comentários nos perfis de utilizadores. Implementa funcionalidades para visualizar, criar e eliminar comentários.

object

```
Microsoft.AspNetCore.Mvc.ControllerBase  
Microsoft.AspNetCore.Mvc.Controller  
SecondChance.Controllers.CommentsController
```

VB

```
Public Class CommentsController  
    Inherits Controller
```

C#

```
public class CommentsController : Controller
```

[C++]

```
public ref class CommentsController : public Controller^
```

[JScript]

```
public class CommentsController  
    extends Controller
```

Requirements

Namespace:[SecondChance.Controllers](#)¹⁰¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

[CommentsController](#)¹⁰⁷

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[Create](#)¹⁰⁸, [Delete](#)¹⁰⁹, [DeleteConfirmed](#)¹¹⁰, [Dispose](#) (inherited from [Controller](#)), [Json](#) (inherited from [Controller](#)),
[OnActionExecuted](#) (inherited from [Controller](#)), [OnActionExecuting](#) (inherited from [Controller](#)),
[OnActionExecutionAsync](#) (inherited from [Controller](#)), [PartialView](#) (inherited from [Controller](#)),
[ProfileComments](#)¹¹¹, [View](#) (inherited from [Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

CommentsController Constructor

Construtor do CommentsController.

VB

```
Public Sub New(  
    ByVal context As ApplicationDbContext,  
    ByVal userManager As UserManager(Of User)  
)
```

C#

```
public CommentsController(  
    ApplicationDbContext context,  
    UserManager<User> userManager  
)
```

[C++]

```
public:  
CommentsController(  
    ApplicationDbContext^ context,  
    UserManager<User>^ userManager  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

context

Contexto da base de dados

userManager

Gestor de utilizadores para acesso a funcionalidades de identidade

See Also

Applies to: [CommentsController](#)¹⁰⁷

CommentsController.Create Method

Processa a criação de um novo comentário num perfil.

VB

```
<HttpPost()> _  
<Authorize()> _  
<ValidateAntiForgeryToken()> _  
Public Function Create(  
    ByVal profileId As String, _  
    ByVal content As String _  
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
[Authorize()]
[ValidateAntiForgeryToken()]
public Task<IActionResult> Create(
    string profileId,
    string content
)
```

[C++]

```
[HttpPost()]
[Authorize()]
[ValidateAntiForgeryToken()]
public:
Task<IActionResult^>^ Create(
    String^ profileId,
    String^ content
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

profileId

ID do utilizador que receberá o comentário

content

Conteúdo do comentário

Returns

Redireciona para a lista de comentários do perfil

See Also

Applies to: [CommentsController](#)¹⁰⁷

CommentsController.Delete Method

Apresenta a página de confirmação para eliminar um comentário.

VB

```
<Authorize()> _
Public Function Delete(
    ByVal id As Nullable(Of Integer) _
) As Task(Of IActionResult)
```

C#

```
[Authorize()]
public Task<IActionResult> Delete(
    Nullable<int> id
)
```

```
[C++]
[Authorize()]
public:
Task<IActionResult^>^ Delete(
    Nullable<int> id
)
```

[JScript]
JScript does not support generic types and methods.

Parameters

id

ID do comentário a ser eliminado

Returns

Vista de confirmação de eliminação do comentário

See Also

Applies to: [CommentsController](#)¹⁰⁷

CommentsController.DeleteConfirmed Method

Processa a eliminação de um comentário. Apenas o autor do comentário ou o dono do perfil podem eliminar o comentário.

VB

```
<HttpPost()> _
<ActionName("Delete")> _
<ValidateAntiForgeryToken()> _
<Authorize()> _
Public Function DeleteConfirmed( _
    ByVal id As Integer _
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
[ActionName("Delete")]
[ValidateAntiForgeryToken()]
[Authorize()]
public Task<IActionResult> DeleteConfirmed(
```

```
    int id  
)
```

```
[C++]  
[HttpPost()  
[ActionName("Delete")]  
[ValidateAntiForgeryToken()]  
[Authorize()]  
public:  
Task<IActionResult>^ DeleteConfirmed(  
    int id  
)
```

```
[JScript]  
JScript does not support generic types and methods.
```

Parameters

id

ID do comentário a ser eliminado

Returns

Redireciona para a lista de comentários do perfil

See Also

Applies to: [CommentsController](#)¹⁰⁷

CommentsController.ProfileComments Method

Apresenta os comentários no perfil de um utilizador específico.

VB

```
Public Function ProfileComments( _  
    ByVal profileId As String _  
) As Task(Of ActionResult)
```

C#

```
public Task<IActionResult> ProfileComments(  
    string profileId  
)
```

```
[C++]  
public:  
Task<IActionResult>^ ProfileComments(
```

```
    String^ profileId  
)
```

[JScript]
JScript does not support generic types and methods.

Parameters

profileId

ID do utilizador cujos comentários serão exibidos

Returns

Vista com a lista de comentários do perfil

See Also

Applies to: [CommentsController](#)¹⁰⁷

HomeController Class

Controlador responsável pela gestão das páginas principais da aplicação. Implementa funcionalidades para a página inicial e de privacidade.

object

```
Microsoft.AspNetCore.Mvc.ControllerBase  
Microsoft.AspNetCore.Mvc.Controller  
SecondChance.Controllers.HomeController
```

VB

```
Public Class HomeController  
    Inherits Controller
```

C#

```
public class HomeController : Controller
```

[C++]
public ref class HomeController : public Controller^

[JScript]
public class HomeController
extends Controller

Requirements

Namespace:SecondChance.Controllers¹⁰¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

[HomeController](#)¹¹³

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[Dispose](#) (inherited from [Controller](#)), [Error](#)¹¹³, [Index](#)¹¹⁴, [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)), [OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)), [PartialView](#) (inherited from [Controller](#)), [Privacy](#)¹¹⁵, [View](#) (inherited from [Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

HomeController Constructor

Construtor do HomeController.

VB

```
Public Sub New()
```

C#

```
public HomeController()
```

[C++]
public:
HomeController()

[JScript]
public function HomeController();

See Also

Applies to: [HomeController](#)¹¹²

HomeController.Error Method

Apresenta a página de erro quando ocorre uma exceção na aplicação.

VB

```
<ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore =  
true)> _
```

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```
Public Function Error() As IActionResult
```

C#

```
[ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]
public IActionResult Error()
```

[C++]

```
[ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore = true)]
public:
IActionResult^ Error()
```

[JScript]

```
public
    ResponseCache(Duration = 0, Location = ResponseCacheLocation.None, NoStore =
true)
function Error() : IActionResult;
```

Returns

Vista com informações sobre o erro

See Also

Applies to: [HomeController](#)₁₁₂

HomeController.Index Method

Apresenta a página inicial da aplicação.

VB

```
Public Function Index() As IActionResult
```

C#

```
public IActionResult Index()
```

[C++]

```
public:
IActionResult^ Index()
```

```
[JScript]
public function Index() : IActionResult;
```

Returns

Vista da página inicial

See Also

Applies to: [HomeController](#)¹¹²

HomeController.Privacy Method

Apresenta a página de política de privacidade.

VB

```
Public Function Privacy() As IActionResult
```

C#

```
public IActionResult Privacy()
```

```
[C++]
```

```
public:
IActionResult^ Privacy()
```

```
[JScript]
```

```
public function Privacy() : IActionResult;
```

Returns

Vista da página de privacidade

See Also

Applies to: [HomeController](#)¹¹²

ModeratorController Class

Controlador responsável pelas funcionalidades de moderação da plataforma. Implementa operações exclusivas para administradores para gestão de utilizadores e denúncias.

```
object
    Microsoft.AspNetCore.Mvc.ControllerBase
        Microsoft.AspNetCore.Mvc.Controller
            SecondChance.Controllers.ModeratorController
```

VB

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```
<Authorize()> _  
Public Class ModeratorController  
    Inherits Controller
```

C#

```
[Authorize()]  
public class ModeratorController : Controller
```

```
[C++]  
[Authorize()]  
public ref class ModeratorController : public Controller^
```

```
[JScript]  
public  
    Authorize()  
class ModeratorController  
    extends Controller
```

Requirements

Namespace:[SecondChance.Controllers](#)₁₀₁

Assembly: SecondChance (in SecondChance.dll)

Constructors

[ModeratorController](#)₁₁₆

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[Dispose](#) (inherited from [Controller](#)), [Index](#)₁₁₇, [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)), [OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)), [PartialView](#) (inherited from [Controller](#)), [ReportDetails](#)₁₁₈, [Reports](#)₁₁₉, [ResolveReport](#)₁₁₉, [ToggleAdmin](#)₁₂₀, [ToggleUserStatus](#)₁₂₁, [Users](#)₁₂₂, [View](#) (inherited from [Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

ModeratorController Constructor

Construtor do ModeratorController.

VB

```
Public Sub New(  
    ByVal userManager As UserManager(Of User), _  
    ByVal context As ApplicationDbContext _  
)
```

C#

```
public ModeratorController(  
    UserManager<User> userManager,  
    ApplicationDbContext context  
)
```

[C++]

```
public:  
ModeratorController(  
    UserManager<User>^ userManager,  
    ApplicationDbContext^ context  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userManager

Gestor de utilizadores para acesso a funcionalidades de identidade

context

Contexto da base de dados

See Also

Applies to: [ModeratorController](#)₁₁₅

ModeratorController.Index Method

Apresenta o painel principal da área de moderação.

VB

```
Public Function Index() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> Index()
```

[C++]

```
public:  
Task<IActionResult^>^ Index()
```

[JScript]

JScript does not support generic types and methods.

Returns

Vista com estatísticas e informações resumidas para moderadores

See Also

Applies to: [ModeratorController](#)₁₁₅

ModeratorController.ReportDetails Method

Apresenta os detalhes de uma denúncia específica.

VB

```
Public Function ReportDetails( _
    ByVal id As Integer _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> ReportDetails(
    int id
)
```

[C++]

```
public:
Task<IActionResult^>^ ReportDetails(
    int id
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

id

ID da denúncia

Returns

Vista com os detalhes da denúncia

See Also

Applies to: [ModeratorController](#)₁₁₅

ModeratorController.Reports Method

Apresenta a lista de denúncias na plataforma com opções de filtro.

VB

```
Public Function Reports( _
    Optional ByVal filter As String = null _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> Reports(
    string filter = null
)
```

```
[C++]
public:
Task<IActionResult^>^ Reports(
    String^ filter
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

filter

Filtro para exibir denúncias ("unresolved", "resolved" ou null para todas)

Returns

Vista com a lista de denúncias filtradas

See Also

Applies to: [ModeratorController](#)¹¹⁵

ModeratorController.ResolveReport Method

Processa a resolução de uma denúncia.

VB

```
<HttpPost()>_
Public Function ResolveReport( _
    ByVal id As Integer, _
    ByVal resolution As String, _
    Optional ByVal deactivateUser As Boolean = false _
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
public Task<IActionResult> ResolveReport(
    int id,
    string resolution,
    bool deactivateUser = false
)
```

[C++]

```
[HttpPost()]
public:
Task<IActionResult^>^ ResolveReport(
    int id,
    String^ resolution,
    bool deactivateUser
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

id

ID da denúncia

resolution

Descrição da resolução aplicada

deactivateUser

Indica se o utilizador denunciado deve ser desativado

Returns

Redireciona para a lista de denúncias

See Also

Applies to: [ModeratorController](#)¹¹⁵

ModeratorController.ToggleAdmin Method

Altera o estado de administrador de um utilizador.

VB

```
<HttpPost()> _
Public Function ToggleAdmin( _
    ByVal userId As String _ 
) As Task(Of IActionResult)
```

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```
[HttpPost()]
public Task<IActionResult> ToggleAdmin(
    string userId
)
```

```
[C++]
[HttpPost()]
public:
Task<IActionResult>^ ToggleAdmin(
    String^ userId
)
```

[JScript]
JScript does not support generic types and methods.

Parameters

userId

ID do utilizador

Returns

Redireciona para a lista de utilizadores

See Also

Applies to: [ModeratorController](#)¹¹⁵

ModeratorController.ToggleUserStatus Method

Altera o estado de ativação de um utilizador (ativar/desativar).

VB

```
<HttpPost()> _
Public Function ToggleUserStatus( _
    ByVal userId As String _
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
public Task<IActionResult> ToggleUserStatus(
    string userId
)
```

[C++]
[HttpPost()]

```
public:  
Task<IActionResult>^ ToggleUserStatus(  
    String^ userId  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userId

ID do utilizador

Returns

Redireciona para a lista de utilizadores

See Also

Applies to: [ModeratorController](#)¹¹⁵

ModeratorController.Users Method

Apresenta a lista de todos os utilizadores da plataforma.

VB

```
Public Function Users() As Task(Of ActionResult)
```

C#

```
public Task<IActionResult> Users()
```

[C++]

```
public:  
Task<IActionResult>^ Users()
```

[JScript]

JScript does not support generic types and methods.

Returns

Vista com a lista de utilizadores

See Also

Applies to: [ModeratorController](#)¹¹⁵

ProductsController Class

Controlador responsável pela gestão de produtos na plataforma. Implementa funcionalidades para listar, criar, editar, eliminar e gerir produtos.

```
object
    Microsoft.AspNetCore.Mvc.ControllerBase
        Microsoft.AspNetCore.Mvc.Controller
            SecondChance.Controllers.ProductsController
```

VB

```
Public Class ProductsController
    Inherits Controller
```

C#

```
public class ProductsController : Controller
```

[C++]

```
public ref class ProductsController : public Controller^
```

[JScript]

```
public class ProductsController
    extends Controller
```

Requirements

Namespace:SecondChance.Controllers¹⁰¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

ProductsController¹²³

Properties

TempData (inherited from Controller), ViewBag (inherited from Controller), ViewData (inherited from Controller)

Methods

Create¹²⁶, Delete¹²⁶, DeleteConfirmed¹²⁷, Details¹²⁸, Dispose (inherited from Controller), Edit¹²⁹, Index¹³¹, Json (inherited from Controller), MarkAsDonated¹³², OnActionExecuted (inherited from Controller), OnActionExecuting (inherited from Controller), OnActionExecutionAsync (inherited from Controller), PartialView (inherited from Controller), UserProducts¹³³, View (inherited from Controller), ViewComponent (inherited from Controller)

ProductsController Constructor

Construtor do ProductsController.

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VB

```
Public Sub New(_
    ByVal context As ApplicationDbContext, _
    ByVal webHostEnvironment As IWebHostEnvironment, _
    ByVal userManager As UserManager(Of User) _
)
```

C#

```
public ProductsController(
    ApplicationDbContext context,
    IWebHostEnvironment webHostEnvironment,
    UserManager<User> userManager
)
```

[C++]

```
public:
ProductsController(
    ApplicationDbContext^ context,
    IWebHostEnvironment^ webHostEnvironment,
    UserManager<User>^ userManager
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

context

Contexto da base de dados

webHostEnvironment

Ambiente de hospedagem para gestão de ficheiros

userManager

Gestor de utilizadores

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.Create (Product, List<IFormFile>, Int32) Method

Processa a criação de um novo produto com imagens.

VB

```
<HttpPost()> _
<ValidateAntiForgeryToken()> _
<Authorize()> _
```

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```
Public Function Create(  
    <Bind("Id,Name,Description,Category,Image,PublishDate")> _  
    ByVal product As Product,  
    ByVal imageFiles As List(Of IFormFile),  
    Optional ByVal mainImageIndex As Integer = 0 _  
) As Task(Of IActionResult)
```

C#

```
[HttpPost()  
[ValidateAntiForgeryToken()  
[Authorize()  
public Task<IActionResult> Create(  
    [Bind("Id,Name,Description,Category,Image,PublishDate")]  
    Product product,  
    List<IFormFile> imageFiles,  
    int mainImageIndex = 0  
)
```

```
[C++]  
[HttpPost()  
[ValidateAntiForgeryToken()  
[Authorize()  
public:  
Task<IActionResult>^ Create(  
    [Bind("Id,Name,Description,Category,Image,PublishDate")]  
    Product^ product,  
    List<IFormFile^>^ imageFiles,  
    int mainImageIndex  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

product

Dados do produto

imageFiles

Lista de ficheiros de imagem

mainImageIndex

Índice da imagem principal

Returns

Redireciona para a lista de produtos após criação bem-sucedida

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.Create Method

Apresenta o formulário para criar um novo produto.

VB

```
<Authorize()> _
Public Function Create() As IActionResult
```

C#

```
[Authorize()]
public IActionResult Create()
```

```
[C++]
[Authorize()]
public:
IActionResult^ Create()
```

```
[JScript]
public
    Authorize()
function Create() : IActionResult;
```

Returns

Vista com formulário de criação de produto

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.Delete Method

Apresenta a página de confirmação para eliminar um produto.

VB

```
<Authorize()> _
Public Function Delete(
    ByVal id As Nullable(Of Integer) _
) As Task(Of IActionResult)
```

C#

```
[Authorize()]
public Task<IActionResult> Delete(
    Nullable<int> id
)
```

```
[C++]
[Authorize()]
public:
Task<IActionResult>^ Delete(
    Nullable<int> id
)
```

```
[JScript]
JScript does not support generic types and methods.
```

Parameters

id

ID do produto a ser eliminado

Returns

Vista de confirmação de eliminação

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.DeleteConfirmed Method

Processa a eliminação de um produto.

VB

```
<HttpPost()> _
<ActionName("Delete")> _
<ValidateAntiForgeryToken()> _
<Authorize()> _
Public Function DeleteConfirmed( _
    ByVal id As Integer _
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
[ActionName("Delete")]
[ValidateAntiForgeryToken()]
[Authorize()]
public Task<IActionResult> DeleteConfirmed(
    int id
)
```

```
[C++]
[HttpPost()]
[ActionName("Delete")]
```

```
[ValidateAntiForgeryToken()]
[Authorize()]
public:
Task<IActionResult>^ DeleteConfirmed(
    int id
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

id

ID do produto a ser eliminado

Returns

Redireciona para a lista de produtos após eliminação bem-sucedida

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.Details Method

Apresenta os detalhes de um produto específico.

VB

```
Public Function Details( _
    ByVal id As Nullable(Of Integer) _ 
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> Details(
    Nullable<int> id
)
```

[C++]

```
public:
Task<IActionResult>^ Details(
    Nullable<int> id
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*id*

ID do produto

Returns

Vista com detalhes do produto

See AlsoApplies to: [ProductsController](#)₁₂₃

ProductsController.Edit (Nullable<Int32>) Method

Apresenta o formulário para editar um produto existente.

VB

```
<Authorize()> _
Public Function Edit( _
    ByVal id As Nullable(Of Integer) _ 
) As Task(Of IActionResult)
```

C#

```
[Authorize()]
public Task<IActionResult> Edit(
    Nullable<int> id
)
```

```
[C++]
[Authorize()]
public:
Task<IActionResult^>^ Edit(
    Nullable<int> id
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*id*

ID do produto a ser editado

Returns

Vista com formulário de edição do produto

See AlsoApplies to: [ProductsController](#)₁₂₃

ProductsController.Edit (Int32, Product, List<IFormFile>, Int32, String, List<Int32>) Method

Processa a edição de um produto existente.

VB

```
<HttpPost()> _
<ValidateAntiForgeryToken()> _
<Authorize()> _
Public Function Edit( _
    ByVal id As Integer, _
    <Bind("Id,Name,Description,Category,Image,PublishDate,OwnerId")> _
    ByVal product As Product, _
    Optional ByVal imageFiles As List(Of IFormFile) = null, _
    Optional ByVal mainImageIndex As Integer = 0, _
    Optional ByVal mainImagePath As String = null, _
    Optional ByVal removedImageIds As List(Of Integer) = null _
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
[ValidateAntiForgeryToken()]
[Authorize()]
public Task<IActionResult> Edit(
    int id,
    [Bind("Id,Name,Description,Category,Image,PublishDate,OwnerId")]
    Product product,
    List<IFormFile> imageFiles = null,
    int mainImageIndex = 0,
    string mainImagePath = null,
    List<int> removedImageIds = null
)
```

[C++]

```
[HttpPost()]
[ValidateAntiForgeryToken()]
[Authorize()]
public:
Task<IActionResult^>^ Edit(
    int id,
    [Bind("Id,Name,Description,Category,Image,PublishDate,OwnerId")]
    Product^ product,
    List<IFormFile^>^ imageFiles,
    int mainImageIndex,
    String^ mainImagePath,
    List<int>^ removedImageIds
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

id

ID do produto

product

Dados atualizados do produto

imageFiles

Novas imagens a serem adicionadas

mainImageIndex

Índice da nova imagem principal

mainImagePath

Caminho da imagem principal existente

removedImageIds

IDs das imagens a serem removidas

Returns

Redireciona para a lista de produtos após edição bem-sucedida

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.Index Method

Apresenta a lista de produtos com opções de filtro e paginação.

VB

```
Public Function Index(  
    ByVal searchTerm As String, _  
    ByVal category As String, _  
    ByVal location As String, _  
    ByVal sortOrder As String, _  
    ByVal userId As String, _  
    Optional ByVal page As Integer = 1 _  
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> Index(  
    string searchTerm,  
    string category,  
    string location,  
    string sortOrder,  
    string userId,  
    int page = 1  
)
```

```
[C++]
public:
Task<IActionResult>^ Index(
    String^ searchTerm,
    String^ category,
    String^ location,
    String^ sortOrder,
    String^ userId,
    int page
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*searchTerm*

Termo de pesquisa para filtrar produtos

category

Categoria para filtrar produtos

location

Localização para filtrar produtos

sortOrder

Ordem de classificação dos produtos

userId

ID do utilizador para filtrar produtos

page

Número da página atual

Returns

Vista com lista de produtos filtrada e paginada

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.MarkAsDonated Method

Marca um produto como doado.

VB

```
<HttpPost()> _
<ValidateAntiForgeryToken()> _
<Authorize()> _
Public Function MarkAsDonated( _
    ByVal id As Integer
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]
[ValidateAntiForgeryToken()]
[Authorize()]
public Task<IActionResult> MarkAsDonated(
    int id
)
```

[C++]

```
[HttpPost()]
[ValidateAntiForgeryToken()]
[Authorize()]
public:
Task<IActionResult^>^ MarkAsDonated(
    int id
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

id

ID do produto

Returns

Redireciona para a lista de produtos após atualização bem-sucedida

See Also

Applies to: [ProductsController](#)₁₂₃

ProductsController.UserProducts Method

Lista os produtos de um utilizador específico.

VB

```
Public Function UserProducts( _
    ByVal userId As String, _
    Optional ByVal page As Integer = 1 _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> UserProducts(
    string userId,
    int page = 1
)
```

```
[C++]
public:
Task<IActionResult>^ UserProducts(
    String^ userId,
    int page
)
```

```
[JScript]
JScript does not support generic types and methods.
```

Parameters

userId
ID do utilizador

page
Número da página atual

Returns

Vista com lista de produtos do utilizador

See Also

Applies to: [ProductsController](#)₁₂₃

ReportController Class

Controlador responsável pela gestão de denúncias de utilizadores. Implementa funcionalidades para reportar comportamentos inadequados.

object
 Microsoft.AspNetCore.Mvc.ControllerBase
 Microsoft.AspNetCore.Mvc.Controller
 SecondChance.Controllers.ReportController

VB

```
<Authorize()> _
Public Class ReportController
    Inherits Controller
```

C#

```
[Authorize()]
public class ReportController : Controller
```

[C++]

```
[Authorize()]
public ref class ReportController : public Controller^
```

```
[JScript]
public
    Authorize()
class ReportController
    extends Controller
```

Requirements

Namespace:[SecondChance.Controllers](#)¹⁰¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

[ReportController](#)¹³⁵

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[Dispose](#) (inherited from [Controller](#)), [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)),
[OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)),
[PartialView](#) (inherited from [Controller](#)), [ReportUser](#)¹³⁷, [View](#) (inherited from [Controller](#)), [ViewComponent](#)
(inherited from [Controller](#))

ReportController Constructor

Construtor do ReportController.

VB

```
Public Sub New(
    ByVal userManager As UserManager(Of User), _
    ByVal context As ApplicationDbContext _
)
```

C#

```
public ReportController(
    UserManager<User> userManager,
    ApplicationDbContext context
)
```

```
[C++]
public:
```

```
ReportController(  
    UserManager<User>^ userManager,  
    ApplicationContext^ context  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userManager

Gestor de utilizadores para acesso a funcionalidades de identidade

context

Contexto da base de dados

See Also

Applies to: [ReportController](#)¹³⁴

ReportController.ReportUser (ReportUserViewModel) Method

Processa o formulário de denúncia de um utilizador.

VB

```
<HttpPost()> _  
<ValidateAntiForgeryToken()> _  
Public Function ReportUser( _  
    ByVal viewModel As ReportUserViewModel _  
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]  
[ValidateAntiForgeryToken()]  
public Task<IActionResult> ReportUser(  
    ReportUserViewModel viewModel  
)
```

[C++]

```
[HttpPost()]  
[ValidateAntiForgeryToken()]  
public:  
    Task<IActionResult^>^ ReportUser(  
        ReportUserViewModel^ viewModel  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*viewModel*

Dados da denúncia

Returns

Redireciona para a página de perfil após submissão bem-sucedida

See Also

Applies to: [ReportController](#)¹³⁴

ReportController.ReportUser (String) Method

Apresenta o formulário para denunciar um utilizador.

VB

```
Public Function ReportUser( _
    ByVal id As String _
) As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> ReportUser(
    string id
)
```

[C++]

```
public:
Task<IActionResult^>^ ReportUser(
    String^ id
)
```

[JScript]

JScript does not support generic types and methods.

Parameters*id*

ID do utilizador a ser denunciado

Returns

Vista com formulário de denúncia

See Also

Applies to: [ReportController](#)₁₃₄

StatisticsController Class

Controlador responsável pelas estatísticas da plataforma. Fornece dados agregados sobre produtos, utilizadores e atividade na plataforma.

object

 Microsoft.AspNetCore.Mvc.ControllerBase

 Microsoft.AspNetCore.Mvc.Controller

 SecondChance.Controllers.StatisticsController

VB

```
Public Class StatisticsController  
    Inherits Controller
```

C#

```
public class StatisticsController : Controller
```

[C++]

```
public ref class StatisticsController : public Controller^
```

[JScript]

```
public class StatisticsController  
    extends Controller
```

Requirements

Namespace: [SecondChance.Controllers](#)₁₀₁

Assembly: SecondChance (in SecondChance.dll)

Constructors

[StatisticsController](#)₁₃₉

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[Dispose](#) (inherited from [Controller](#)), [Index](#)₁₃₉, [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)), [OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)), [PartialView](#) (inherited from [Controller](#)), [View](#) (inherited from [Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

StatisticsController Constructor

Construtor do StatisticsController.

VB

```
Public Sub New(  
    ByVal context As ApplicationDbContext _  
)
```

C#

```
public StatisticsController(  
    ApplicationDbContext context  
)
```

```
[C++]  
public:  
StatisticsController(  
    ApplicationDbContext^ context  
)
```

```
[JScript]  
public function StatisticsController(  
    context : ApplicationDbContext  
) ;
```

Parameters

context

Contexto da base de dados

See Also

Applies to: [StatisticsController](#)¹³⁸

StatisticsController.Index Method

Apresenta a página com estatísticas gerais da plataforma. Inclui dados sobre produtos, utilizadores, doações e categorias.

VB

```
Public Function Index() As Task(Of IActionResult)
```

C#

```
public Task<IActionResult> Index()
```

```
[C++]
public:
Task<IActionResult>^ Index()
```

```
[JScript]
JScript does not support generic types and methods.
```

Returns

Vista com estatísticas da plataforma

See Also

Applies to: [StatisticsController](#)₁₃₈

SupportController Class

/// Controlador responsável pela gestão do suporte ao utilizador. /// Implementa funcionalidades para FAQ e chat de suporte. ///

```
object
    Microsoft.AspNetCore.Mvc.ControllerBase
        Microsoft.AspNetCore.Mvc.Controller
            SecondChance.Controllers.SupportController
```

VB

```
Public Class SupportController
    Inherits Controller
```

C#

```
public class SupportController : Controller
```

```
[C++]
public ref class SupportController : public Controller^
```

```
[JScript]
public class SupportController
    extends Controller
```

Requirements

Namespace:[SecondChance.Controllers](#)₁₀₁

Assembly: SecondChance (in SecondChance.dll)

Constructors

[SupportController](#)¹⁴¹

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[AdminDashboard](#)¹⁴², [Chat](#)¹⁴², [Dispose](#) (inherited from [Controller](#)), [Index](#)¹⁴³, [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)), [OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)), [PartialView](#) (inherited from [Controller](#)), [RespondToChat](#)¹⁴⁴, [SendMessage](#)¹⁴⁴, [SendResponse](#)¹⁴⁵, [View](#) (inherited from [Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

SupportController Constructor

/// Construtor do SupportController. ///

VB

```
Public Sub New(  
    ByVal context As ApplicationDbContext,  
    ByVal userManager As UserManager(Of User),  
    ByVal hubContext As IHubContext(Of ChatHub) _  
)
```

C#

```
public SupportController(  
    ApplicationDbContext context,  
    UserManager<User> userManager,  
    IHubContext<ChatHub> hubContext  
)
```

[C++]
public:
SupportController(
 ApplicationDbContext^ context,
 UserManager<User>^ userManager,
 IHubContext<ChatHub>^ hubContext
)

[JScript]

JScript does not support generic types and methods.

Parameters

context

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Contexto da base de dados

userManager

Gestor de utilizadores

hubContext

Contexto do ChatHub para SignalR

See Also

Applies to: [SupportController](#)₁₄₀

SupportController.AdminDashboard Method

/// Apresenta o painel de administração do suporte. /// Lista todas as conversas de suporte ativas. ///

VB

```
<Authorize()> _
Public Function AdminDashboard() As Task(Of ActionResult)
```

C#

```
[Authorize()]
public Task<ActionResult> AdminDashboard()
```

[C++]

```
[Authorize()]
public:
Task<ActionResult^>^ AdminDashboard()
```

[JScript]

JScript does not support generic types and methods.

Returns

Vista com lista de conversas de suporte

See Also

Applies to: [SupportController](#)₁₄₀

SupportController.Chat Method

/// Apresenta o chat de suporte para o utilizador atual. ///

VB

```
<Authorize()> _
Public Function Chat() As Task(Of ActionResult)
```

C#

```
[Authorize()]
public Task<IActionResult> Chat()
```

[C++]

```
[Authorize()]
public:
Task<IActionResult^>^ Chat()
```

[JScript]

JScript does not support generic types and methods.

Returns

Vista com o histórico de mensagens do chat de suporte

See Also

Applies to: [SupportController](#)₁₄₀

SupportController.Index Method

/// Apresenta a página inicial do suporte com perguntas frequentes. ///

VB

```
Public Function Index() As IActionResult
```

C#

```
public IActionResult Index()
```

[C++]

```
public:
IActionResult^ Index()
```

[JScript]

```
public function Index() : IActionResult;
```

Returns

Vista com lista de perguntas frequentes

See Also

Applies to: [SupportController](#)₁₄₀

SupportController.RespondToChat Method

/// Apresenta a interface para responder a uma conversa de suporte específica. ///

VB

```
<Authorize()> _
Public Function RespondToChat( _
    ByVal userId As String _
) As Task(Of IActionResult)
```

C#

```
[Authorize()]
public Task<IActionResult> RespondToChat(
    string userId
)
```

[C++]
[Authorize()]
public:
Task<IActionResult^>^ RespondToChat(
 String^ userId
)

[JScript]
JScript does not support generic types and methods.

Parameters

userId

ID do utilizador que iniciou a conversa

Returns

Vista com histórico da conversa e formulário de resposta

See Also

Applies to: [SupportController](#)₁₄₀

SupportController.SendMessage Method

/// Processa o envio de uma mensagem de suporte. ///

VB

```
<HttpPost()> _
<Authorize()> _
<ValidateAntiForgeryToken()> _
Public Function SendMessage( _
    ByVal content As String _
) As Task(Of ActionResult)
```

C#

```
[HttpPost()]
[Authorize()]
[ValidateAntiForgeryToken()]
public Task<ActionResult> SendMessage(
    string content
)
```

```
[C++]
[HttpPost()]
[Authorize()]
[ValidateAntiForgeryToken()]
public:
Task<ActionResult^>^ SendMessage(
    String^ content
)
```

```
[JScript]
JScript does not support generic types and methods.
```

Parameters

content

Conteúdo da mensagem

Returns

Redireciona para o chat após envio da mensagem

See Also

Applies to: [SupportController](#)¹⁴⁰

SupportController.SendResponse Method

/// Processa o envio de uma resposta de suporte a um utilizador. ///

VB

```
<HttpPost()> _
<Authorize()> _
<ValidateAntiForgeryToken()> _
```

```
Public Function SendResponse( _  
    ByVal userId As String, _  
    ByVal content As String _  
) As Task(Of IActionResult)
```

C#

```
[HttpPost()]  
[Authorize()]  
[ValidateAntiForgeryToken()]  
public Task<IActionResult> SendResponse(  
    string userId,  
    string content  
)
```

```
[C++]  
[HttpPost()]  
[Authorize()]  
[ValidateAntiForgeryToken()]  
public:  
    Task<IActionResult^>^ SendResponse(  
        String^ userId,  
        String^ content  
)
```

```
[JScript]  
JScript does not support generic types and methods.
```

Parameters

userId

ID do utilizador destinatário

content

Conteúdo da resposta

Returns

Redireciona para a conversa após envio da resposta

See Also

Applies to: [SupportController](#)¹⁴⁰

TestSetupController Class

Controlador responsável por criar e gerir dados de teste para a aplicação. Utilizado para configurar rapidamente um ambiente de teste com utilizadores, produtos e interações.

object

[Microsoft.AspNetCore.Mvc.ControllerBase](#)

Microsoft.AspNetCore.Mvc.Controller
SecondChance.Controllers.TestSetupController

VB

```
<Route("test-setup")> _
Public Class TestSetupController
    Inherits Controller
```

C#

```
[Route("test-setup")]
public class TestSetupController : Controller
```

[C++]

```
[Route("test-setup")]
public ref class TestSetupController : public Controller^
```

[JScript]

```
public
    Route("test-setup")
class TestSetupController
    extends Controller
```

Requirements

Namespace:[SecondChance.Controllers](#)¹⁰¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

[TestSetupController](#)¹⁴⁷

Properties

[TempData](#) (inherited from [Controller](#)), [ViewBag](#) (inherited from [Controller](#)), [ViewData](#) (inherited from [Controller](#))

Methods

[Dispose](#) (inherited from [Controller](#)), [Json](#) (inherited from [Controller](#)), [OnActionExecuted](#) (inherited from [Controller](#)),
[OnActionExecuting](#) (inherited from [Controller](#)), [OnActionExecutionAsync](#) (inherited from [Controller](#)),
[PartialView](#) (inherited from [Controller](#)), [ResetTestDatabase](#)¹⁴⁸, [SetupTestUsers](#)¹⁴⁹, [View](#) (inherited from
[Controller](#)), [ViewComponent](#) (inherited from [Controller](#))

TestSetupController Constructor

Construtor que inicializa o gestor de utilizadores e o contexto da base de dados.

VB

```
Public Sub New(  
    ByVal userManager As UserManager(Of User), _  
    ByVal context As ApplicationDbContext _  
)
```

C#

```
public TestSetupController(  
    UserManager<User> userManager,  
    ApplicationDbContext context  
)
```

[C++]

```
public:  
TestSetupController(  
    UserManager<User>^ userManager,  
    ApplicationDbContext^ context  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userManager

Gestor de utilizadores do Identity para operações relacionadas com utilizadores.

context

Contexto da base de dados da aplicação.

See Also

Applies to: [TestSetupController](#)¹⁴⁶

TestSetupController.ResetTestDatabase Method

Reinicia completamente a base de dados de teste. Este endpoint exclui toda a base de dados atual e cria uma nova base vazia com a estrutura correta. Útil para limpar todos os dados e começar os testes com um ambiente totalmente limpo.

VB

```
<HttpGet("reset-test-database")>_  
Public Function ResetTestDatabase() As Task(Of IActionResult)
```

C#

```
[HttpGet("reset-test-database")]
```

```
public Task<IActionResult> ResetTestDatabase()
```

```
[C++]
[HttpGet("reset-test-database")]
public:
Task<IActionResult^>^ ResetTestDatabase()
```

```
[JScript]
JScript does not support generic types and methods.
```

Returns

Um ActionResult informando se a operação de reinício foi bem-sucedida.

See Also

Applies to: [TestSetupController](#)¹⁴⁶

TestSetupController.SetupTestUsers Method

Configura dados de teste para a aplicação, incluindo utilizadores, produtos, comentários, denúncias e mensagens de chat. Este endpoint cria dois utilizadores de teste (administrador e utilizador comum) se eles não existirem, além de criar produtos, comentários, denúncias e mensagens de chat associadas a estes utilizadores.

VB

```
<HttpGet("setup-test-data")> _
Public Function SetupTestUsers() As Task(Of ActionResult)
```

C#

```
[HttpGet("setup-test-data")]
public Task<IActionResult> SetupTestUsers()
```

```
[C++]
[HttpGet("setup-test-data")]
public:
Task<IActionResult^>^ SetupTestUsers()
```

```
[JScript]
JScript does not support generic types and methods.
```

Returns

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Um IActionResult informando se a criação dos dados de teste foi bem-sucedida ou detalhando erros ocorridos.

See Also

Applies to: [TestSetupController](#)¹⁴⁶

SecondChance.Data Namespace

Classes

[ApplicationDbContext](#)₁₅₁, [ProductRepository](#)₁₅₆

Interfaces

[IProductRepository](#)₁₅₈

ApplicationContext Class

Contexto da base de dados da aplicação. Gere o acesso aos dados e define as relações entre as entidades.

VB

```
Public Class ApplicationDbContext
    Inherits IdentityDbContext(Of User)
```

C#

```
public class ApplicationDbContext : IdentityDbContext<User>
```

[C++]

```
public ref class ApplicationDbContext : public IdentityDbContext<User^>
```

[JScript]

JScript does not support generic types and methods.

Requirements

Namespace:[SecondChance.Data](#)₁₅₁

Assembly: SecondChance (in SecondChance.dll)

Constructors

[ApplicationDbContext](#)₁₅₂

Properties

[ChatMessages](#)₁₅₂, [Comments](#)₁₅₃, [Products](#)₁₅₃, [UserRatings](#)₁₅₄, [UserReports](#)₁₅₅

Methods

[OnModelCreating](#)₁₅₅

ApplicationDbContext Constructor

Construtor do ApplicationDbContext.

VB

```
Public Sub New(  
    ByVal options As DbContextOptions(Of ApplicationDbContext) _  
)
```

C#

```
public ApplicationDbContext(  
    DbContextOptions<ApplicationDbContext> options  
)
```

[C++]

```
public:  
ApplicationDbContext(  
    DbContextOptions<ApplicationDbContext^>^ options  
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

options

Opções de configuração do contexto

See Also

Applies to: [ApplicationDbContext](#)¹⁵¹

ApplicationDbContext.ChatMessages Property

Coleção de mensagens de chat na base de dados

VB

```
Public Property ChatMessages() As DbSet(Of ChatMessage)
```

C#

```
public DbSet<ChatMessage> ChatMessages {get; set;}
```

[C++]

```
public:  
property DbSet<ChatMessage>^ ChatMessages {  
    DbSet<ChatMessage>^ get( );  
    void set(  
        DbSet<ChatMessage>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [ApplicationDbContext](#)¹⁵¹

ApplicationContext.Comments Property

Coleção de comentários na base de dados

VB

```
Public Property Comments() As DbSet(Of Comment)
```

C#

```
public DbSet<Comment> Comments {get; set;}
```

[C++]

```
public:  
property DbSet<Comment>^ Comments {  
    DbSet<Comment>^ get( );  
    void set(  
        DbSet<Comment>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [ApplicationDbContext](#)¹⁵¹

ApplicationContext.Products Property

Coleção de produtos na base de dados

VB

```
Public Property Products() As DbSet(Of Product)
```

C#

```
public DbSet<Product> Products {get; set;}
```

[C++]

```
public:  
property DbSet<Product>^ Products {  
    DbSet<Product>^ get();  
    void set(  
        DbSet<Product>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [ApplicationDbContext](#)¹⁵¹

ApplicationContext.UserRatings Property

Coleção de avaliações de utilizadores na base de dados

VB

```
Public Property UserRatings() As DbSet(Of UserRating)
```

C#

```
public DbSet<UserRating> UserRatings {get; set;}
```

[C++]

```
public:  
property DbSet<UserRating>^ UserRatings {  
    DbSet<UserRating>^ get();  
    void set(  
        DbSet<UserRating>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [ApplicationDbContext](#)¹⁵¹

ApplicationContext.UserReports Property

Coleção de denúncias de utilizadores na base de dados

VB

```
Public Property UserReports() As DbSet(Of UserReport)
```

C#

```
public DbSet<UserReport> UserReports {get; set;}
```

[C++]

```
public:  
property DbSet<UserReport>^ UserReports {  
    DbSet<UserReport>^ get( );  
    void set(  
        DbSet<UserReport>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [ApplicationDbContext](#)¹⁵¹

ApplicationContext.OnModelCreating Method

Configura as relações entre as entidades e restrições da base de dados.

VB

```
Protected Overrides Sub OnModelCreating( _  
    ByVal modelBuilder As ModelBuilder _  
)
```

C#

```
protected override void OnModelCreating(  
    ModelBuilder modelBuilder  
)
```

```
[C++]  
protected:  
void OnModelCreating(  
    ModelBuilder^ modelBuilder  
)
```

```
[JScript]  
protected function OnModelCreating(  
    modelBuilder : ModelBuilder  
) ;
```

Parameters

modelBuilder

Construtor de modelo do Entity Framework

See Also

Applies to: [ApplicationDbContext](#)₁₅₁

ProductRepository Class

Implementação do repositório de produtos. Fornece acesso aos dados dos produtos na base de dados.

VB

```
Public Class ProductRepository  
    Implements IProductRepository
```

C#

```
public class ProductRepository : IProductRepository
```

```
[C++]  
public ref class ProductRepository : public IProductRepository^
```

```
[JScript]  
public class ProductRepository  
    implements IProductRepository
```

Requirements

Namespace:[SecondChance.Data](#)₁₅₁

Assembly: SecondChance (in SecondChance.dll)

Constructors

[ProductRepository](#)₁₅₇

Methods

[GetUserProductsAsync](#)₁₅₈

ProductRepository Constructor

Construtor do ProductRepository.

VB

```
Public Sub New(  
    ByVal context As ApplicationDbContext _  
)
```

C#

```
public ProductRepository(  
    ApplicationDbContext context  
)
```

[C++]

```
public:  
ProductRepository(  
    ApplicationDbContext^ context  
)
```

[JScript]

```
public function ProductRepository(  
    context : ApplicationDbContext  
) ;
```

Parameters

context

Contexto da base de dados

See Also

Applies to: [ProductRepository](#)₁₅₆

ProductRepository.GetUserProductsAsync Method

Obtém a lista dos três produtos mais recentes de um utilizador específico. Permite ordenação por categoria, distância ou data de publicação.

VB

```
Public Function GetUserProductsAsync( _
    ByVal userId As String, _
    Optional ByVal sortOrder As String = null _
) As Task(Of List(Of Product))
```

C#

```
public Task<List<Product>> GetUserProductsAsync(
    string userId,
    string sortOrder = null
)
```

[C++]

```
public:
Task<List<Product>>^ GetUserProductsAsync(
    String^ userId,
    String^ sortOrder
)
```

[JScript]

JScript does not support generic types and methods.

Parameters

userId

ID do utilizador

sortOrder

Ordem de classificação: "category", "distance" ou null para data

Returns

Lista dos produtos mais recentes do utilizador

See Also

Applies to: [ProductRepository](#)¹⁵⁶

IProductRepository Interface

Interface que define as operações disponíveis para acesso aos dados dos produtos. Implementa o padrão Repository para abstração do acesso à base de dados.

VB

```
Public Interface IProductRepository
```

C#

```
public interface IProductRepository
```

```
[C++]
public interface class IProductRepository
```

```
[JScript]
public interface IProductRepository
```

Requirements

Namespace:[SecondChance.Data](#)₁₅₁

Assembly: SecondChance (in SecondChance.dll)

Methods

[GetUserProductsAsync](#)₁₅₉

IProductRepository.GetUserProductsAsync Method

Obtém a lista de produtos de um utilizador específico.

VB

```
Function GetUserProductsAsync( _
    ByVal userId As String, _
    Optional ByVal sortOrder As String = null _
) As Task(Of List(Of Product))
```

C#

```
Task<List<Product>> GetUserProductsAsync(
    string userId,
    string sortOrder = null
)
```

```
[C++]
```

```
Task<List<Product>>^ GetUserProductsAsync(
    String^ userId,
    String^ sortOrder
)
```

[**JScript**]

JScript does not support generic types and methods.

Parameters

userId

ID do utilizador

sortOrder

Ordem de classificação dos produtos

Returns

Lista de produtos do utilizador

See Also

Applies to: [IProductRepository](#)₁₅₈

SecondChance.Hubs Namespace

Classes

[ChatHub](#)₁₆₁

ChatHub Class

VB

```
Public Class ChatHub  
    Inherits Hub
```

C#

```
public class ChatHub : Hub
```

[C++]

```
public ref class ChatHub : public Hub
```

[JScript]

```
public class ChatHub  
    extends Hub
```

Requirements

Namespace:[SecondChance.Hubs](#)₁₆₁

Assembly: SecondChance (in SecondChance.dll)

Methods

[JoinConversation](#)₁₆₁, [JoinSupportChat](#)₁₆₂, [SendMessage](#)₁₆₃, [SendMessageToGroup](#)₁₆₄,
[SendSupportMessage](#)₁₆₅

ChatHub.JoinConversation Method

VB

```
Public Function JoinConversation( _  
    ByVal conversationId As String _  
) As Task
```

C#

```
public Task JoinConversation(
```

```
        string conversationId  
    )
```

```
[C++]  
public:  
Task^ JoinConversation(  
    String^ conversationId  
)
```

```
[JScript]  
public function JoinConversation(  
    conversationId : String  
) : Task;
```

Parameters

conversationId

See Also

Applies to: [ChatHub](#)₁₆₁

ChatHub.JoinSupportChat Method

VB

```
Public Function JoinSupportChat( _  
    ByVal supportChatId As String _  
) As Task
```

C#

```
public Task JoinSupportChat(  
    string supportChatId  
)
```

```
[C++]  
public:  
Task^ JoinSupportChat(  
    String^ supportChatId  
)
```

```
[JScript]  
public function JoinSupportChat(
```

```
    supportChatId : String  
) : Task;
```

Parameters

supportChatId

See Also

Applies to: [ChatHub₁₆₁](#)

ChatHub.SendMessage Method

VB

```
Public Function SendMessage( _  
    ByVal user As String, _  
    ByVal userId As String, _  
    ByVal message As String, _  
    ByVal receiverId As String _  
) As Task
```

C#

```
public Task SendMessage(  
    string user,  
    string userId,  
    string message,  
    string receiverId  
)
```

```
[C++]  
public:  
Task^ SendMessage(  
    String^ user,  
    String^ userId,  
    String^ message,  
    String^ receiverId  
)
```

```
[JScript]  
public function SendMessage(  
    user : String,  
    userId : String,  
    message : String,  
    receiverId : String  
) : Task;
```

Parameters

user

userId

message

receiverId

See Also

Applies to: [ChatHub₁₆₁](#)

ChatHub.SendMessageToGroup Method

VB

```
Public Function SendMessageToGroup( _
    ByVal user As String, _
    ByVal userId As String, _
    ByVal message As String, _
    ByVal conversationId As String _
) As Task
```

C#

```
public Task SendMessageToGroup(
    string user,
    string userId,
    string message,
    string conversationId
)
```

[C++]

```
public:
Task^ SendMessageToGroup(
    String^ user,
    String^ userId,
    String^ message,
    String^ conversationId
)
```

[JScript]

```
public function SendMessageToGroup(
    user : String,
    userId : String,
    message : String,
```

```
    conversationId : String  
) : Task;
```

Parameters

user

userId

message

conversationId

See Also

Applies to: [ChatHub](#)₁₆₁

ChatHub.SendSupportMessage Method

VB

```
Public Function SendSupportMessage( _  
    ByVal user As String, _  
    ByVal userId As String, _  
    ByVal message As String, _  
    ByVal supportChatId As String _  
) As Task
```

C#

```
public Task SendSupportMessage(  
    string user,  
    string userId,  
    string message,  
    string supportChatId  
)
```

[C++]

```
public:  
Task^ SendSupportMessage(  
    String^ user,  
    String^ userId,  
    String^ message,  
    String^ supportChatId  
)
```

```
[JScript]
public function SendSupportMessage(
    user : String,
    userId : String,
    message : String,
    supportChatId : String
) : Task;
```

Parameters

user

userId

message

supportChatId

See Also

Applies to: [ChatHub₁₆₁](#)

SecondChance.Migrations Namespace

Classes

[initial](#)¹⁶⁷

initial Class

VB

```
<DbContext(typeof(ApplicationDbContext))> _
<Migration("20250413112144_initial")> _
Public Class initial
    Inherits Migration
```

C#

```
[DbContext(typeof(ApplicationDbContext))]
[Migration("20250413112144_initial")]
public class initial : Migration
```

[C++]

```
[DbContext(typeof(ApplicationDbContext))]
[Migration("20250413112144_initial")]
public ref class initial : public Migration
```

[JScript]

```
public
    DbContext(typeof(ApplicationDbContext))
    Migration("20250413112144_initial")
class initial
    extends Migration
```

Requirements

Namespace:[SecondChance.Migrations](#)¹⁶⁷

Assembly: SecondChance (in SecondChance.dll)

Methods

[BuildTargetModel](#)¹⁶⁷, [Down](#)¹⁶⁸, [Up](#)¹⁶⁹

initial.BuildTargetModel Method

VB

```
Protected Overrides Sub BuildTargetModel( _
```

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```
    ByVal modelBuilder As ModelBuilder _  
)
```

C#

```
protected override void BuildTargetModel(  
    ModelBuilder modelBuilder  
)
```

```
[C++]  
protected:  
void BuildTargetModel(  
    ModelBuilder^ modelBuilder  
)
```

```
[JScript]  
protected function BuildTargetModel(  
    modelBuilder : ModelBuilder  
);
```

Parameters

modelBuilder

See Also

Applies to: [initial](#)¹⁶⁷

initial.Down Method

VB

```
Protected Overrides Sub Down(  
    ByVal migrationBuilder As MigrationBuilder _  
)
```

C#

```
protected override void Down(  
    MigrationBuilder migrationBuilder  
)
```

```
[C++]  
protected:  
void Down(
```

```
    MigrationBuilder^ migrationBuilder  
)
```

```
[JScript]  
protected function Down(  
    migrationBuilder : MigrationBuilder  
)
```

Parameters

migrationBuilder

See Also

Applies to: [initial](#)¹⁶⁷

initial.Up Method

VB

```
Protected Overrides Sub Up( _  
    ByVal migrationBuilder As MigrationBuilder _  
)
```

C#

```
protected override void Up(  
    MigrationBuilder migrationBuilder  
)
```

```
[C++]  
protected:  
void Up(  
    MigrationBuilder^ migrationBuilder  
)
```

```
[JScript]  
protected function Up(  
    migrationBuilder : MigrationBuilder  
)
```

Parameters

migrationBuilder

See Also

Applies to: [initial](#)₁₆₇

SecondChance.Models Namespace

Classes

[ChatMessage](#)₁₇₁, [Comment](#)₁₇₈, [ErrorViewModel](#)₁₈₃, [MaximumAgeAttribute](#)₁₈₅,
[MinimumAgeAttribute](#)₁₈₈, [PasswordStrengthAttribute](#)₁₉₀, [Product](#)₁₉₂, [ProductImage](#)₂₀₀, [SupportFAQ](#)₂₀₃,
[User](#)₂₀₅, [UserRating](#)₂₁₆, [UserReport](#)₂₂₂

Enumerations

[Category](#)₂₃₂

ChatMessage Class

Representa uma mensagem de conversa entre utilizadores. Armazena o conteúdo da mensagem e metadados relacionados.

VB

```
Public Class ChatMessage
```

C#

```
public class ChatMessage
```

[C++]

```
public ref class ChatMessage
```

[JScript]

```
public class ChatMessage
```

Requirements

Namespace: SecondChance.Models₁₇₁

Assembly: SecondChance (in SecondChance.dll)

Properties

[Content](#)₁₇₁, [ConversationId](#)₁₇₂, [Id](#)₁₇₃, [IsRead](#)₁₇₄, [Receiver](#)₁₇₄, [ReceiverId](#)₁₇₅, [SenderId](#)₁₇₆, [SenderId](#)₁₇₇,
[SentAt](#)₁₇₇

ChatMessage.Content Property

Conteúdo textual da mensagem

VB

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```
<Required()> _
Public Property Content() As String
```

C#

```
[Required()]
public string Content {get; set;}
```

```
[C++]
[Required()]
public:
property String^ Content {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get Content() : String;
public
    Required()
function set Content(value : String);
```

See Also

Applies to: [ChatMessage](#)₁₇₁

ChatMessage.ConversationId Property

Identificador único da conversação a que pertence esta mensagem

VB

```
Public Property ConversationId() As String
```

C#

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

```
[C++]
public:
property String^ ConversationId {
    String^ get( );
```

```
void set(  
    String^ value  
)  
{
```

```
[JScript]  
public function get ConversationId() : String;  
public function set ConversationId(value : String);
```

See Also

Applies to: [ChatMessage](#)₁₇₁

ChatMessage.Id Property

Identificador único da mensagem

VB

```
<Key()> _  
Public Property Id() As Integer
```

C#

```
[Key()]  
public int Id {get; set;}
```

```
[C++]  
[Key()]  
public:  
property int Id {  
    int get();  
    void set(  
        int value  
    );  
}
```

```
[JScript]  
public  
    Key()  
function get Id() : int;  
public  
    Key()  
function set Id(value : int);
```

See Also

Applies to: ChatMessage₁₇₁

ChatMessage.IsRead Property

Indica se a mensagem foi lida pelo destinatário

VB

```
<Required()> _
Public Property IsRead() As Boolean
```

C#

```
[Required()]
public bool IsRead {get; set;}
```

```
[C++]
[Required()]
public:
property bool IsRead {
    bool get( );
    void set(
        bool value
    );
}
```

```
[JScript]
public
    Required()
function get IsRead() : boolean;
public
    Required()
function set IsRead(value : boolean);
```

See Also

Applies to: ChatMessage₁₇₁

ChatMessage.Receiver Property

Utilizador que recebeu a mensagem

VB

```
<ForeignKey("ReceiverId")> _
Public Property Receiver() As User
```

C#

```
[ForeignKey("ReceiverId")]
public User Receiver {get; set;}
```

```
[C++]
[ForeignKey("ReceiverId")]
public:
property User^ Receiver {
    User^ get( );
    void set(
        User^ value
    );
}
```

```
[JScript]
public
    ForeignKey("ReceiverId")
function get Receiver() : User;
public
    ForeignKey("ReceiverId")
function set Receiver(value : User);
```

See Also

Applies to: [ChatMessage](#)₁₇₁

ChatMessage.ReceiverId Property

Identificador do utilizador que recebeu a mensagem

VB

```
<Required()> _
Public Property ReceiverId() As String
```

C#

```
[Required()]
public string ReceiverId {get; set;}
```

```
[C++]
[Required()]
public:
property String^ ReceiverId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
}
```

```
[JScript]
public
    Required()
function get ReceiverId() : String;
public
    Required()
function set ReceiverId(value : String);
```

See Also

Applies to: [ChatMessage](#)¹⁷¹

ChatMessage.Sender Property

Utilizador que enviou a mensagem

VB

```
<ForeignKey("SenderId")> _
Public Property Sender() As User
```

C#

```
[ForeignKey("SenderId")]
public User Sender {get; set;}
```

```
[C++]
[ForeignKey("SenderId")]
public:
property User^ Sender {
    User^ get( );
    void set(
        User^ value
    );
}
```

```
[JScript]
public
    ForeignKey("SenderId")
function get Sender() : User;
public
    ForeignKey("SenderId")
function set Sender(value : User);
```

See Also

Applies to: [ChatMessage](#)₁₇₁

ChatMessage.SenderId Property

Identificador do utilizador que enviou a mensagem

VB

```
<Required()> _
Public Property SenderId() As String
```

C#

```
[Required()]
public string SenderId {get; set;}
```

```
[C++]
[Required()]
public:
property String^ SenderId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get SenderId() : String;
public
    Required()
function set SenderId(value : String);
```

See Also

Applies to: [ChatMessage](#)₁₇₁

ChatMessage.SentAt Property

Data e hora do envio da mensagem

VB

```
<Required()> _
Public Property SentAt() As Date
```

C#

```
[Required()]
public DateTime SentAt {get; set;}
```

[C++]

```
[Required()]
public:
property DateTime SentAt {
    DateTime get( );
    void set(
        DateTime value
    );
}
```

[JScript]

```
public
    Required()
function get SentAt() : DateTime;
public
    Required()
function set SentAt(value : DateTime);
```

See Also

Applies to: [ChatMessage](#)₁₇₁

Comment Class

Representa um comentário feito por um utilizador no perfil de outro. Armazena o conteúdo do comentário e informações relacionadas.

VB

```
Public Class Comment
```

C#

```
public class Comment
```

[C++]

```
public ref class Comment
```

[JScript]

```
public class Comment
```

Requirements

Namespace: [SecondChance.Models](#)¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Properties

[Author](#)¹⁷⁹, [AuthorId](#)¹⁷⁹, [Content](#)¹⁸⁰, [CreatedAt](#)¹⁸¹, [Id](#)¹⁸¹, [Profile](#)¹⁸², [ProfileId](#)¹⁸³

Comment.Author Property

Utilizador que escreveu o comentário

VB

```
Public Property Author() As User
```

C#

```
public User Author {get; set;}
```

```
[C++]
public:
property User^ Author {
    User^ get( );
    void set(
        User^ value
    );
}
```

```
[JScript]
public function get Author() : User;
public function set Author(value : User);
```

See Also

Applies to: [Comment](#)¹⁷⁸

Comment.AuthorId Property

Identificador do utilizador que escreveu o comentário

VB

```
Public Property AuthorId() As String
```

C#

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

[C++]

```
public:
property String^ AuthorId {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public function get AuthorId() : String;
public function set AuthorId(value : String);
```

See Also

Applies to: [Comment](#)₁₇₈

Comment.Content Property

Conteúdo textual do comentário

VB

```
<Required(ErrorMessage = "O conteúdo do comentário é obrigatório")> _
Public Property Content() As String
```

C#

```
[Required(ErrorMessage = "O conteúdo do comentário é obrigatório")]
public string Content {get; set;}
```

[C++]

```
[Required(ErrorMessage = "O conteúdo do comentário é obrigatório")]
public:
property String^ Content {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public  
    Required(ErrorMessage = "O conteúdo do comentário é obrigatório")  
function get Content() : String;  
public  
    Required(ErrorMessage = "O conteúdo do comentário é obrigatório")  
function set Content(value : String);
```

See Also

Applies to: [Comment](#)₁₇₈

Comment.CreatedAt Property

Data e hora da criação do comentário

VB

```
Public Property CreatedAt() As Date
```

C#

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

[C++]

```
public:  
property DateTime CreatedAt {  
    DateTime get();  
    void set(  
        DateTime value  
    );  
}
```

[JScript]

```
public function get CreatedAt() : DateTime;  
public function set CreatedAt(value : DateTime);
```

See Also

Applies to: [Comment](#)₁₇₈

Comment.Id Property

Identificador único do comentário

VB

```
Public Property Id() As Integer
```

C#

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

[C++]
public:
property int Id {
 int get();
 void set(
 int value
);
}

[JScript]
public function get Id() : int;
public function set Id(value : int);

See Also

Applies to: [Comment](#)₁₇₈

Comment.Profile Property

Utilizador cujo perfil recebeu o comentário

VB

```
Public Property Profile() As User
```

C#

```
public User Profile {get; set;}
```

[C++]
public:
property User^ Profile {
 User^ get();
 void set(
 User^ value
);
}

[JScript]
public function get Profile() : User;

```
public function set Profile(value : User);
```

See Also

Applies to: [Comment₁₇₈](#)

Comment.ProfileId Property

Identificador do utilizador no perfil do qual o comentário foi escrito

VB

```
Public Property ProfileId() As String
```

C#

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

[C++]
public:
property String^ ProfileId {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get ProfileId() : String;
public function set ProfileId(value : String);

See Also

Applies to: [Comment₁₇₈](#)

ErrorViewModel Class

Modelo de vista para apresentação de erros na aplicação. Utilizado para mostrar informações de diagnóstico quando ocorrem erros.

VB

```
Public Class ErrorViewModel
```

C#

```
public class ErrorViewModel
```

[C++]
public ref class ErrorViewModel

[JScript]
public class ErrorViewModel

Requirements

Namespace:[SecondChance.Models](#)₁₇₁

Assembly: SecondChance (in SecondChance.dll)

Properties

[RequestId](#)₁₈₄, [ShowRequestId](#)₁₈₅

ErrorViewModel.RequestId Property

Identificador único do pedido que resultou em erro

VB

```
Public Property RequestId() As String
```

C#

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

[C++]
public:
property String^ RequestId {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get RequestId() : String;
public function set RequestId(value : String);

See Also

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Applies to: [ErrorViewModel](#)₁₈₃

ErrorViewModel.ShowRequestId Property

Indica se o identificador do pedido deve ser mostrado

VB

```
Public ReadOnly Property ShowRequestId() As Boolean
```

C#

```
public bool ShowRequestId {get;}
```

[C++]

```
public:  
property bool ShowRequestId {  
    bool get( );  
}
```

[JScript]

```
public function get ShowRequestId() : boolean;
```

See Also

Applies to: [ErrorViewModel](#)₁₈₃

MaximumAgeAttribute Class

Atributo de validação personalizado que verifica se a idade não excede um valor máximo. Utilizado para garantir limites de idade em registos de utilizadores.

VB

```
Public Class MaximumAgeAttribute  
    Inherits ValidationAttribute
```

C#

```
public class MaximumAgeAttribute : ValidationAttribute
```

[C++]

```
public ref class MaximumAgeAttribute : public ValidationAttribute
```

```
[JScript]
public class MaximumAgeAttribute
    extends ValidationAttribute
```

Requirements

Namespace:[SecondChance.Models](#)¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

[MaximumAgeAttribute](#)¹⁸⁶

Methods

[IsValid](#)¹⁸⁷

MaximumAgeAttribute Constructor

Construtor do atributo MaximumAge.

VB

```
Public Sub New(
    ByVal maximumAge As Integer
)
```

C#

```
public MaximumAgeAttribute(
    int maximumAge
)
```

```
[C++]
public:
MaximumAgeAttribute(
    int maximumAge
)
```

```
[JScript]
public function MaximumAgeAttribute(
    maximumAge : int
);
```

Parameters

maximumAge

Idade máxima permitida em anos

See Also

Applies to: [MaximumAgeAttribute](#)₁₈₅

MaximumAgeAttribute.IsValid Method

Valida se a data de nascimento fornecida resulta numa idade dentro do limite máximo.

VB

```
Protected Overrides Function IsValid( _
    ByVal value As Object, _
    ByVal validationContext As ValidationContext _ 
) As ValidationResult
```

C#

```
protected override ValidationResult IsValid(
    object value,
    ValidationContext validationContext
)
```

[C++]
protected:
ValidationResult^ IsValid(
 object^ value,
 ValidationContext^ validationContext
)

[JScript]
protected function IsValid(
 value : object,
 validationContext : ValidationContext
) : ValidationResult;

Parameters

value

Data de nascimento a validar

validationContext

Contexto de validação

Returns

ValidationResult indicando sucesso ou falha da validação

See Also

Applies to: [MaximumAgeAttribute](#)₁₈₅

MinimumAgeAttribute Class

Atributo de validação personalizado que verifica se a idade atinge um valor mínimo. Utilizado para garantir a idade mínima necessária para registo na plataforma.

VB

```
Public Class MinimumAgeAttribute  
    Inherits ValidationAttribute
```

C#

```
public class MinimumAgeAttribute : ValidationAttribute
```

[C++]

```
public ref class MinimumAgeAttribute : public ValidationAttribute
```

[JScript]

```
public class MinimumAgeAttribute  
    extends ValidationAttribute
```

Requirements

Namespace:SecondChance.Models¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Constructors

MinimumAgeAttribute¹⁸⁸

Methods

IsValid¹⁸⁹

MinimumAgeAttribute Constructor

Construtor do atributo MinimumAge.

VB

```
Public Sub New(  
    ByVal minimumAge As Integer  
)
```

C#

```
public MinimumAgeAttribute(  
    int minimumAge  
)
```

```
[C++]
public:
MinimumAgeAttribute(
    int minimumAge
)
```

```
[JScript]
public function MinimumAgeAttribute(
    minimumAge : int
);
```

Parameters

minimumAge

Idade mínima permitida em anos

See Also

Applies to: [MinimumAgeAttribute](#)¹⁸⁸

MinimumAgeAttribute.IsValid Method

Valida se a data de nascimento fornecida resulta numa idade acima do limite mínimo.

VB

```
Protected Overrides Function IsValid( _
    ByVal value As Object, _
    ByVal validationContext As ValidationContext _ 
) As ValidationResult
```

C#

```
protected override ValidationResult IsValid(
    object value,
    ValidationContext validationContext
)
```

```
[C++]
protected:
ValidationResult^ IsValid(
    object^ value,
    ValidationContext^ validationContext
)
```

[JScript]

```
protected function IsValid(  
    value : object,  
    validationContext : ValidationContext  
) : ValidationResult;
```

Parameters

value

 Data de nascimento a validar

validationContext

 Contexto de validação

Returns

ValidationResult indicando sucesso ou falha da validação

See Also

Applies to: [MinimumAgeAttribute](#)₁₈₈

PasswordStrengthAttribute Class

Atributo de validação personalizado que verifica a força da palavra-passe. Garante que a palavra-passe atende aos requisitos mínimos de segurança.

VB

```
Public NotInheritable Class PasswordStrengthAttribute  
    Inherits ValidationAttribute
```

C#

```
public sealed class PasswordStrengthAttribute : ValidationAttribute
```

[C++]

```
public ref class PasswordStrengthAttribute sealed : public ValidationAttribute
```

[JScript]

```
public final class PasswordStrengthAttribute  
    extends ValidationAttribute
```

Requirements

Namespace: [SecondChance.Models](#)₁₇₁

Assembly: SecondChance (in SecondChance.dll)

Methods

IsValid¹⁹¹

PasswordStrengthAttribute.IsValid Method

Valida se a palavra-passe atende aos critérios de segurança: - Mínimo de 8 caracteres - Pelo menos uma letra maiúscula - Pelo menos um número

VB

```
Protected Overrides Function IsValid( _
    ByVal value As Object, _
    ByVal validationContext As ValidationContext _ 
) As ValidationResult
```

C#

```
protected override ValidationResult IsValid(
    object value,
    ValidationContext validationContext
)
```

[C++]

```
protected:
ValidationResult^ IsValid(
    object^ value,
    ValidationContext^ validationContext
)
```

[JScript]

```
protected function IsValid(
    value : object,
    validationContext : ValidationContext
) : ValidationResult;
```

Parameters

value

Palavra-passe a validar

validationContext

Contexto de validação

Returns

ValidationResult indicando sucesso ou falha da validação

See Also

Applies to: [PasswordStrengthAttribute](#)¹⁹⁰

Product Class

Representa um produto disponibilizado para doação na plataforma. Contém todas as informações necessárias para descrever um produto.

VB

```
Public Class Product
```

C#

```
public class Product
```

[C++]

```
public ref class Product
```

[JScript]

```
public class Product
```

Requirements

Namespace:SecondChance.Models¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Properties

Category¹⁹², **Description**¹⁹³, **DonatedDate**¹⁹³, **Id**¹⁹⁴, **Image**¹⁹⁵, **IsDonated**¹⁹⁵, **Location**¹⁹⁶, **Name**¹⁹⁷, **OwnerId**¹⁹⁷, **ProductImages**¹⁹⁸, **PublishDate**¹⁹⁹, **User**¹⁹⁹

Product.Category Property

Categoria à qual o produto pertence

VB

```
Public Property Category() As Category
```

C#

```
public Category Category {get; set;}
```

[C++]

```
public:  
property Category Category {  
    Category get();  
    void set(
```

```
    Category value  
);  
}
```

```
[JScript]  
public function get Category() : Category;  
public function set Category(value : Category);
```

See Also

Applies to: [Product](#)¹⁹²

Product.Description Property

Descrição detalhada do produto

VB

```
Public Property Description() As String
```

C#

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

```
[C++]  
public:  
property String^ Description {  
    String^ get( );  
    void set(  
        String^ value  
    );  
}
```

```
[JScript]  
public function get Description() : String;  
public function set Description(value : String);
```

See Also

Applies to: [Product](#)¹⁹²

Product.DonatedDate Property

Data em que o produto foi doado

VB

```
Public Property DonatedDate() As Nullable(Of Date)
```

C#

```
public Nullable<DateTime> DonatedDate {get; set;}
```

[C++]

```
public:  
property Nullable<DateTime> DonatedDate {  
    Nullable<DateTime> get( );  
    void set(  
        Nullable<DateTime> value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [Product](#)¹⁹²

Product.Id Property

Identificador único do produto

VB

```
Public Property Id() As Integer
```

C#

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

[C++]

```
public:  
property int Id {  
    int get( );  
    void set(  
        int value  
    );  
}
```

```
[JScript]
public function get Id() : int;
public function set Id(value : int);
```

See Also

Applies to: [Product](#)₁₉₂

Product.Image Property

Caminho da imagem principal do produto

VB

```
Public Property Image() As String
```

C#

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

```
[C++]
public:
property String^ Image {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get Image() : String;
public function set Image(value : String);
```

See Also

Applies to: [Product](#)₁₉₂

Product.IsDonated Property

Indica se o produto já foi doado

VB

```
Public Property IsDonated() As Boolean
```

C#

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

```
[C++]
public:
property bool IsDonated {
    bool get( );
    void set(
        bool value
    );
}
```

```
[JScript]
public function get IsDonated() : boolean;
public function set IsDonated(value : boolean);
```

See Also

Applies to: [Product](#)¹⁹²

Product.Location Property

Localização onde o produto está disponível

VB

```
Public Property Location() As String
```

C#

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

```
[C++]
public:
property String^ Location {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get Location() : String;
public function set Location(value : String);
```

See Also

Applies to: [Product](#)₁₉₂

Product.Name Property

Nome do produto

VB

```
Public Property Name() As String
```

C#

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

[C++]
public:
property String^ Name {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get Name() : String;
public function set Name(value : String);

See Also

Applies to: [Product](#)₁₉₂

Product.OwnerId Property

Identificador do utilizador proprietário do produto

VB

```
Public Property OwnerId() As String
```

C#

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

[C++]

```
public:  
property String^ OwnerId {  
    String^ get( );  
    void set(  
        String^ value  
    );  
}
```

[JScript]
public function get OwnerId() : String;
public function set OwnerId(value : String);

See Also

Applies to: [Product](#)¹⁹²

Product.ProductImages Property

Coleção de imagens associadas ao produto

VB

```
Public Property ProductImages() As ICollection(Of ProductImage)
```

C#

```
public ICollection<ProductImage> ProductImages {get; set;}
```

[C++]
public:
property ICollection<ProductImage>^ ProductImages {
 ICollection<ProductImage>^ get();
 void set(
 ICollection<ProductImage>^ value
);
}

[JScript]
JScript does not support generic types and methods.

See Also

Applies to: [Product](#)¹⁹²

Product.PublishDate Property

Data em que o produto foi publicado

VB

```
Public Property PublishDate() As Date
```

C#

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

[C++]

```
public:  
property DateTime PublishDate {  
    DateTime get();  
    void set(  
        DateTime value  
    );  
}
```

[JScript]

```
public function get PublishDate() : DateTime;  
public function set PublishDate(value : DateTime);
```

See Also

Applies to: [Product](#)₁₉₂

Product.User Property

Utilizador proprietário do produto

VB

```
Public Property User() As User
```

C#

```
public User User {get; set;}
```

[C++]

```
public:  
property User^ User {  
    User^ get();  
    void set(  
        User^ value  
    );  
}
```

```
 );  
}
```

```
[JScript]  
public function get User() : User;  
public function set User(value : User);
```

See Also

Applies to: [Product](#)₁₉₂

ProductImage Class

Representa uma imagem associada a um produto.

VB

```
Public Class ProductImage
```

C#

```
public class ProductImage
```

```
[C++]  
public ref class ProductImage
```

```
[JScript]  
public class ProductImage
```

Requirements

Namespace:[SecondChance.Models](#)₁₇₁

Assembly: SecondChance (in SecondChance.dll)

Properties

[Id](#)₂₀₀, [ImagePath](#)₂₀₁, [Product](#)₂₀₂, [ProductId](#)₂₀₂

ProductImage.Id Property

Identificador único da imagem

VB

```
Public Property Id() As Integer
```

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C#

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

[C++]
public:
property int Id {
 int get();
 void set(
 int value
);
}

[JScript]
public function get Id() : int;
public function set Id(value : int);

See Also

Applies to: [ProductImage](#)₂₀₀

ProductImage.ImagePath Property

Caminho para acesso à imagem

VB

```
Public Property ImagePath() As String
```

C#

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

[C++]
public:
property String^ ImagePath {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get ImagePath() : String;

```
public function set ImagePath(value : String);
```

See Also

Applies to: [ProductImage](#)₂₀₀

ProductImage.Product Property

Produto ao qual a imagem pertence

VB

```
Public Property Product() As Product
```

C#

```
public Product Product {get; set;}
```

```
[C++]
public:
property Product^ Product {
    Product^ get( );
    void set(
        Product^ value
    );
}
```

```
[JScript]
public function get Product() : Product;
public function set Product(value : Product);
```

See Also

Applies to: [ProductImage](#)₂₀₀

ProductImage.ProductId Property

Identificador do produto ao qual a imagem está associada

VB

```
Public Property ProductId() As Integer
```

C#

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

```
[C++]
public:
property int ProductId {
    int get( );
    void set(
        int value
    );
}
```

```
[JScript]
public function get ProductId() : int;
public function set ProductId(value : int);
```

See Also

Applies to: [ProductImage](#)²⁰⁰

SupportFAQ Class

Representa uma pergunta frequente para o sistema de suporte. Contém uma pergunta e a sua respetiva resposta para ajudar os utilizadores.

VB

```
Public Class SupportFAQ
```

C#

```
public class SupportFAQ
```

```
[C++]
public ref class SupportFAQ
```

```
[JScript]
public class SupportFAQ
```

Requirements

Namespace: [SecondChance.Models](#)¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Properties

[Answer](#)²⁰⁴, [Question](#)²⁰⁴

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SupportFAQ.Answer Property

A resposta à pergunta frequente

VB

```
Public Property Answer() As String
```

C#

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

```
[C++]
public:
property String^ Answer {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get Answer() : String;
public function set Answer(value : String);
```

See Also

Applies to: [SupportFAQ₂₀₃](#)

SupportFAQ.Question Property

A pergunta frequente

VB

```
Public Property Question() As String
```

C#

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

```
[C++]
public:
property String^ Question {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
 );  
}
```

```
[JScript]  
public function get Question() : String;  
public function set Question(value : String);
```

See Also

Applies to: [SupportFAQ](#)₂₀₃

User Class

Representa um utilizador da plataforma. Estende a classe `IdentityUser` com informações adicionais específicas da aplicação.

VB

```
Public Class User  
    Inherits IdentityUser
```

C#

```
public class User : IdentityUser
```

```
[C++]  
public ref class User : public IdentityUser
```

```
[JScript]  
public class User  
    extends IdentityUser
```

Requirements

Namespace:[SecondChance.Models](#)₁₇₁

Assembly: SecondChance (in SecondChance.dll)

Constructors

[User](#)₂₀₆

Properties

[BirthDate](#)₂₀₆, [Description](#)₂₀₇, [FullName](#)₂₀₇, [GivenRatings](#)₂₀₈, [Image](#)₂₀₉, [IsActive](#)₂₀₉, [IsAdmin](#)₂₁₀, [IsFirstUser](#)₂₁₁, [JoinDate](#)₂₁₁, [Location](#)₂₁₂, [PermanentlyDisabled](#)₂₁₂, [ReceivedComments](#)₂₁₃, [ReceivedMessages](#)₂₁₄, [ReceivedRatings](#)₂₁₄, [SentMessages](#)₂₁₅, [WrittenComments](#)₂₁₆

User Constructor

Construtor que inicializa as coleções do utilizador

VB

```
Public Sub New()
```

C#

```
public User()
```

[C++]
public:
User()

[JScript]
public function User();

See Also

Applies to: [User](#)²⁰⁵

User.BirthDate Property

Data de nascimento do utilizador

VB

```
Public Property BirthDate() As Date
```

C#

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

[C++]
public:
property DateTime BirthDate {
 DateTime get();
 void set(
 DateTime value
);
}

[JScript]

```
public function get BirthDate() : DateTime;
public function set BirthDate(value : DateTime);
```

See Also

Applies to: [User₂₀₅](#)

User.Description Property

Descrição ou biografia do utilizador

VB

```
Public Property Description() As String
```

C#

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

[C++]

```
public:
property String^ Description {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public function get Description() : String;
public function set Description(value : String);
```

See Also

Applies to: [User₂₀₅](#)

User.FullName Property

Nome completo do utilizador

VB

```
Public Property FullName() As String
```

C#

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

```
[C++]
public:
property String^ FullName {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get FullName() : String;
public function set FullName(value : String);
```

See Also

Applies to: [User](#)²⁰⁵

User.GivenRatings Property

Avaliações atribuídas pelo utilizador a outros

VB

```
Public Property GivenRatings() As ICollection(Of UserRating)
```

C#

```
public ICollection<UserRating> GivenRatings {get; set;}
```

```
[C++]
public:
property ICollection<UserRating>^ GivenRatings {
    ICollection<UserRating>^ get( );
    void set(
        ICollection<UserRating>^ value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

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Applies to: [User](#)₂₀₅

User.Image Property

Caminho para a imagem de perfil do utilizador

VB

```
Public Property Image() As String
```

C#

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

[C++]
public:
property String^ Image {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get Image() : String;
public function set Image(value : String);

See Also

Applies to: [User](#)₂₀₅

User.IsActive Property

Indica se o utilizador está ativo na plataforma

VB

```
Public Property IsActive() As Boolean
```

C#

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

[C++]
public:

```
property bool IsActive {  
    bool get( );  
    void set(  
        bool value  
    );  
}
```

[JScript]
public function get IsActive() : boolean;
public function set IsActive(value : boolean);

See Also

Applies to: [User](#)²⁰⁵

User.IsAdmin Property

Indica se o utilizador tem privilégios de administrador

VB

```
Public Property IsAdmin() As Boolean
```

C#

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

[C++]
public:
property bool IsAdmin {
 bool get();
 void set(
 bool value
);
}

[JScript]
public function get IsAdmin() : boolean;
public function set IsAdmin(value : boolean);

See Also

Applies to: [User](#)²⁰⁵

User.IsFirstUser Property

Indica se o utilizador foi o primeiro a registar-se na plataforma

VB

```
Public Property IsFirstUser() As Boolean
```

C#

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

```
[C++]
public:
property bool IsFirstUser {
    bool get( );
    void set(
        bool value
    );
}
```

```
[JScript]
public function get IsFirstUser() : boolean;
public function set IsFirstUser(value : boolean);
```

See Also

Applies to: [User](#)₂₀₅

User.JoinDate Property

Data de registo do utilizador na plataforma

VB

```
Public Property JoinDate() As Date
```

C#

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

```
[C++]
public:
property DateTime JoinDate {
    DateTime get( );
    void set(
        DateTime value
    );
}
```

```
 );  
}
```

```
[JScript]  
public function get JoinDate() : DateTime;  
public function set JoinDate(value : DateTime);
```

See Also

Applies to: [User](#)₂₀₅

User.Location Property

Localização/morada do utilizador

VB

```
Public Property Location() As String
```

C#

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

```
[C++]  
public:  
property String^ Location {  
    String^ get();  
    void set(  
        String^ value  
    );  
}
```

```
[JScript]  
public function get Location() : String;  
public function set Location(value : String);
```

See Also

Applies to: [User](#)₂₀₅

User.PermanentlyDisabled Property

Indica se o utilizador foi permanentemente desativado

VB

```
Public Property PermanentlyDisabled() As Boolean
```

C#

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

```
[C++]
public:
property bool PermanentlyDisabled {
    bool get( );
    void set(
        bool value
    );
}
```

[JScript]

```
public function get PermanentlyDisabled() : boolean;
public function set PermanentlyDisabled(value : boolean);
```

See Also

Applies to: [User](#)₂₀₅

User.ReceivedComments Property

Comentários recebidos pelo utilizador

VB

```
Public Property ReceivedComments() As ICollection(Of Comment)
```

C#

```
public ICollection<Comment> ReceivedComments {get; set;}
```

```
[C++]
public:
property ICollection<Comment^>^ ReceivedComments {
    ICollection<Comment^>^ get( );
    void set(
        ICollection<Comment^>^ value
    );
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [User₂₀₅](#)

User.ReceivedMessages Property

Mensagens recebidas pelo utilizador

VB

```
Public Property ReceivedMessages() As ICollection(Of ChatMessage)
```

C#

```
public ICollection<ChatMessage> ReceivedMessages {get; set;}
```

[C++]

```
public:
property ICollection<ChatMessage^>^ ReceivedMessages {
    ICollection<ChatMessage^>^ get( );
    void set(
        ICollection<ChatMessage^>^ value
    );
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [User₂₀₅](#)

User.ReceivedRatings Property

Avaliações recebidas pelo utilizador

VB

```
Public Property ReceivedRatings() As ICollection(Of UserRating)
```

C#

```
public ICollection<UserRating> ReceivedRatings {get; set;}
```

```
[C++]
public:
property ICollection<UserRating>^ ReceivedRatings {
    ICollection<UserRating>^ get( );
    void set(
        ICollection<UserRating>^ value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

Applies to: [User](#)₂₀₅

User.SentMessages Property

Mensagens enviadas pelo utilizador

VB

```
Public Property SentMessages() As ICollection(Of ChatMessage)
```

C#

```
public ICollection<ChatMessage> SentMessages {get; set;}
```

```
[C++]
public:
property ICollection<ChatMessage^>^ SentMessages {
    ICollection<ChatMessage^>^ get( );
    void set(
        ICollection<ChatMessage^>^ value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

Applies to: [User](#)₂₀₅

User.WrittenComments Property

Comentários escritos pelo utilizador

VB

```
Public Property WrittenComments() As ICollection(Of Comment)
```

C#

```
public ICollection<Comment> WrittenComments {get; set;}
```

[C++]

```
public:  
property ICollection<Comment^>^ WrittenComments {  
    ICollection<Comment^>^ get( );  
    void set(  
        ICollection<Comment^>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [User](#)₂₀₅

UserRating Class

Representa uma avaliação feita por um utilizador a outro utilizador. Utilizado para o sistema de reputação na plataforma.

VB

```
Public Class UserRating
```

C#

```
public class UserRating
```

[C++]

```
public ref class UserRating
```

```
[JScript]
public class UserRating
```

Requirements

Namespace:[SecondChance.Models](#)¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Properties

[CreatedAt](#)²¹⁷, [Id](#)²¹⁷, [RatedUser](#)²¹⁸, [RatedUserId](#)²¹⁹, [RaterUser](#)²¹⁹, [RaterUserId](#)²²⁰, [Rating](#)²²¹

UserRating.CreatedAt Property

Data e hora em que a avaliação foi criada

VB

```
Public Property CreatedAt() As Date
```

C#

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

```
[C++]
public:
property DateTime CreatedAt {
    DateTime get( );
    void set(
        DateTime value
    );
}
```

```
[JScript]
public function get CreatedAt() : DateTime;
public function set CreatedAt(value : DateTime);
```

See Also

Applies to: [UserRating](#)²¹⁶

UserRating.Id Property

Identificador único da avaliação

VB

```
Public Property Id() As Integer
```

C#

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

```
[C++]
public:
property int Id {
    int get( );
    void set(
        int value
    );
}
```

[JScript]

```
public function get Id() : int;
public function set Id(value : int);
```

See Also

Applies to: [UserRating](#)²¹⁶

UserRating.RatedUser Property

Utilizador que foi avaliado

VB

```
Public Property RatedUser() As User
```

C#

```
public User RatedUser {get; set;}
```

```
[C++]
public:
property User^ RatedUser {
    User^ get( );
    void set(
        User^ value
    );
}
```

```
[JScript]
public function get RatedUser() : User;
public function set RatedUser(value : User);
```

See Also

Applies to: [UserRating](#)²¹⁶

UserRating.RatedUserId Property

Identificador do utilizador que foi avaliado

VB

```
<Required()> _
Public Property RatedUserId() As String
```

C#

```
[Required()]
public string RatedUserId {get; set;}
```

```
[C++]
[Required()]
public:
property String^ RatedUserId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get RatedUserId() : String;
public
    Required()
function set RatedUserId(value : String);
```

See Also

Applies to: [UserRating](#)²¹⁶

UserRating.RaterUser Property

Utilizador que realizou a avaliação

VB

```
Public Property RaterUser() As User
```

C#

```
public User RaterUser {get; set;}
```

[C++]
public:
property User^ RaterUser {
 User^ get();
 void set(
 User^ value
);
}

[JScript]
public function get RaterUser() : User;
public function set RaterUser(value : User);

See Also

Applies to: [UserRating](#)²¹⁶

UserRating.RaterUserId Property

Identificador do utilizador que realizou a avaliação

VB

```
<Required()> _
Public Property RaterUserId() As String
```

C#

```
[Required()]
public string RaterUserId {get; set;}
```

[C++]
[Required()]
public:
property String^ RaterUserId {
 String^ get();
 void set(
 String^ value

```
 );  
}
```

```
[JScript]  
public  
    Required()  
function get RaterUserId() : String;  
public  
    Required()  
function set RaterUserId(value : String);
```

See Also

Applies to: [UserRating](#)²¹⁶

UserRating.Rating Property

Valor da avaliação numa escala de 1 a 5

VB

```
<Required()> _  
<Range(1, 5)> _  
Public Property Rating() As Integer
```

C#

```
[Required()]  
[Range(1, 5)]  
public int Rating {get; set;}
```

```
[C++]  
[Required()]  
[Range(1, 5)]  
public:  
property int Rating {  
    int get();  
    void set(  
        int value  
    );  
}
```

```
[JScript]  
public  
    Required()  
    Range(1, 5)  
function get Rating() : int;
```

```
public  
    Required()  
    Range(1, 5)  
function set Rating(value : int);
```

See Also

Applies to: [UserRating](#)²¹⁶

UserReport Class

Representa uma denúncia feita contra um utilizador na plataforma. Utilizado para registrar e processar queixas de comportamento inadequado.

VB

```
Public Class UserReport
```

C#

```
public class UserReport
```

[C++]

```
public ref class UserReport
```

[JScript]

```
public class UserReport
```

Requirements

Namespace: [SecondChance.Models](#)¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

Properties

[Details](#)²²², [Id](#)²²³, [IsResolved](#)²²⁴, [Reason](#)²²⁴, [ReportDate](#)²²⁵, [ReportedUser](#)²²⁶, [ReportedUserId](#)²²⁷,
[ReporterUser](#)²²⁷, [ReporterUserId](#)²²⁸, [Resolution](#)²²⁹, [ResolvedBy](#)²³⁰, [ResolvedById](#)²³⁰, [ResolvedDate](#)²³¹

UserReport.Details Property

Detalhes adicionais sobre a denúncia

VB

```
Public Property Details() As String
```

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C#

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

[C++]

```
public:
property String^ Details {
    String^ get();
    void set(
        String^ value
    );
}
```

[JScript]

```
public function get Details() : String;
public function set Details(value : String);
```

See Also

Applies to: [UserReport](#)²²²

UserReport.Id Property

Identificador único da denúncia

VB

```
<Key()> _
Public Property Id() As Integer
```

C#

```
[Key()]
public int Id {get; set;}
```

[C++]

```
[Key()]
public:
property int Id {
    int get();
    void set(
        int value
    );
}
```

[JScript]

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```
public
    Key()
function get Id() : int;
public
    Key()
function set Id(value : int);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.IsResolved Property

Indica se a denúncia já foi resolvida

VB

```
Public Property IsResolved() As Boolean
```

C#

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

[C++]
public:
property bool IsResolved {
 bool get();
 void set(
 bool value
);
}

[JScript]
public function get IsResolved() : boolean;
public function set IsResolved(value : boolean);

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.Reason Property

Motivo da denúncia

VB

```
<Required()> _
```

```
Public Property Reason() As String
```

C#

```
[Required()]
public string Reason {get; set;}
```

```
[C++]
[Required()]
public:
property String^ Reason {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get Reason() : String;
public
    Required()
function set Reason(value : String);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.ReportDate Property

Data e hora em que a denúncia foi submetida

VB

```
Public Property ReportDate() As Date
```

C#

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

```
[C++]
public:
property DateTime ReportDate {
    DateTime get( );
    void set(
```

```
    DateTime value  
);  
}
```

```
[JScript]  
public function get ReportDate() : DateTime;  
public function set ReportDate(value : DateTime);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.ReportedUser Property

Utilizador que foi denunciado

VB

```
<ForeignKey("ReportedUserId")> _  
Public Property ReportedUser() As User
```

C#

```
[ForeignKey("ReportedUserId")]  
public User ReportedUser { get; set; }
```

```
[C++]  
[ForeignKey("ReportedUserId")]  
public:  
property User^ ReportedUser {  
    User^ get();  
    void set(  
        User^ value  
    );  
}
```

```
[JScript]  
public  
    ForeignKey("ReportedUserId")  
function get ReportedUser() : User;  
public  
    ForeignKey("ReportedUserId")  
function set ReportedUser(value : User);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.ReportedUserId Property

Identificador do utilizador que foi denunciado

VB

```
<Required()> _
Public Property ReportedUserId() As String
```

C#

```
[Required()]
public string ReportedUserId {get; set;}
```

```
[C++]
[Required()]
public:
property String^ ReportedUserId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get ReportedUserId() : String;
public
    Required()
function set ReportedUserId(value : String);
```

See Also

Applies to: [UserReport](#)²²²

UserReport.ReporterUser Property

Utilizador que submeteu a denúncia

VB

```
<ForeignKey("ReporterUserId")> _
Public Property ReporterUser() As User
```

C#

```
[ForeignKey("ReporterUserId")]
public User ReporterUser {get; set;}
```

```
[C++]
[ForeignKey("ReporterUserId")]
public:
property User^ ReporterUser {
    User^ get( );
    void set(
        User^ value
    );
}
```

```
[JScript]
public
    ForeignKey("ReporterUserId")
function get ReporterUser() : User;
public
    ForeignKey("ReporterUserId")
function set ReporterUser(value : User);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.ReporterUserId Property

Identificador do utilizador que submeteu a denúncia

VB

```
<Required()> _
Public Property ReporterUserId() As String
```

C#

```
[Required()]
public string ReporterUserId {get; set;}
```

```
[C++]
[Required()]
public:
property String^ ReporterUserId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get ReporterUserId() : String;
public
    Required()
function set ReporterUserId(value : String);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.Resolution Property

Descrição da resolução aplicada pelo moderador

VB

```
<AllowNull()> _
Public Property Resolution() As String
```

C#

```
[AllowNull()]
public string Resolution {get; set;}
```

```
[C++]
[AllowNull()]
public:
property String^ Resolution {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    AllowNull()
function get Resolution() : String;
public
    AllowNull()
function set Resolution(value : String);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.ResolvedBy Property

Moderador que resolveu a denúncia

VB

```
<ForeignKey("ResolvedById")> _
Public Property ResolvedBy() As User
```

C#

```
[ForeignKey("ResolvedById")]
public User ResolvedBy {get; set;}
```

```
[C++]
[ForeignKey("ResolvedById")]
public:
property User^ ResolvedBy {
    User^ get( );
    void set(
        User^ value
    );
}
```

[JScript]

```
public
    ForeignKey("ResolvedById")
function get ResolvedBy() : User;
public
    ForeignKey("ResolvedById")
function set ResolvedBy(value : User);
```

See Also

Applies to: [UserReport](#)²²²

UserReport.ResolvedById Property

Identificador do moderador que resolveu a denúncia

VB

```
Public Property ResolvedById() As String
```

C#

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

```
[C++]
public:
property String^ ResolvedById {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get ResolvedById() : String;
public function set ResolvedById(value : String);
```

See Also

Applies to: [UserReport](#)₂₂₂

UserReport.ResolvedDate Property

Data e hora em que a denúncia foi resolvida

VB

```
Public Property ResolvedDate() As Nullable(Of Date)
```

C#

```
public Nullable<DateTime> ResolvedDate {get; set;}
```

```
[C++]
public:
property Nullable<DateTime> ResolvedDate {
    Nullable<DateTime> get( );
    void set(
        Nullable<DateTime> value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

Applies to: [UserReport](#)₂₂₂

Category Enumeration

Categorias disponíveis para classificação de produtos. Define os tipos de itens que podem ser doados na plataforma.

Constant	Value	Description
Brinquedos	6	Brinquedos e jogos
Decoração	4	Artigos decorativos
Desporto	5	Equipamento e material desportivo
Eletrônicos	1	Dispositivos e equipamentos eletrônicos
Jardim	7	Artigos para jardim e exterior
Livros	3	Livros e material de leitura
Móveis	2	Mobiliário e artigos para casa
Outros	8	Outros tipos de artigos não classificados
Roupa	0	Vestuário e acessórios

Requirements

Namespace:SecondChance.Models¹⁷¹

Assembly: SecondChance (in SecondChance.dll)

SecondChance.Services Namespace

Classes

EmailSender²³³

EmailSender Class

Serviço responsável pelo envio de emails na plataforma. Implementa a interface IEmailSender para integração com o sistema de Identity.

VB

```
Public Class EmailSender
    Implements IEmailSender
```

C#

```
public class EmailSender : IEmailSender
```

[C++]

```
public ref class EmailSender : public IEmailSender
```

[JScript]

```
public class EmailSender
    implements IEmailSender
```

Requirements

Namespace:SecondChance.Services²³³

Assembly: SecondChance (in SecondChance.dll)

Constructors

EmailSender²³³

Methods

SendEmailAsync²³⁴

EmailSender Constructor

Construtor do EmailSender. Inicializa as configurações necessárias para o envio de emails.

VB

```
Public Sub New(
    ByVal configuration As IConfiguration _
```

)

C#

```
public EmailSender(
    IConfiguration configuration
)
```

[C++]

```
public:
EmailSender(
    IConfiguration^ configuration
)
```

[JScript]

```
public function EmailSender(
    configuration : IConfiguration
);
```

Parameters

configuration

Configurações da aplicação

Exceptions

Exception type	Condition
Erro! A referência da hiperligação não é válida.	Lançada quando faltam configurações obrigatórias

See Also

Applies to: [EmailSender](#)²³³

EmailSender.SendEmailAsync Method

Envia um email para um destinatário específico.

VB

```
Public Function SendEmailAsync( _
    ByVal email As String, _
    ByVal subject As String, _
    ByVal htmlMessage As String _
) As Task
```

C#**234**

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```
public Task SendEmailAsync(  
    string email,  
    string subject,  
    string htmlMessage  
)
```

```
[C++]  
public:  
Task^ SendEmailAsync(  
    String^ email,  
    String^ subject,  
    String^ htmlMessage  
)
```

```
[JScript]  
public function SendEmailAsync(  
    email : String,  
    subject : String,  
    htmlMessage : String  
) : Task;
```

Parameters

email

Endereço de email do destinatário

subject

Assunto do email

htmlMessage

Conteúdo do email em formato HTML

Returns

Task representando a conclusão do envio do email

Exceptions

Exception type	Condition
Erro! A referência da hiperligação não é válida.	Lançada quando ocorre um erro no envio do email

See Also

Applies to: [EmailSender](#)²³³

SecondChance.ViewModels Namespace

Classes

[ConversationViewModel](#)₂₃₆, [ModeratorIndexViewModel](#)₂₄₁, [ReportUserViewModel](#)₂₄₄,
[StatisticsViewModel](#)₂₄₈, [SupportChatViewModel](#)₂₅₅

ConversationViewModel Class

Modelo de vista para apresentação de conversações entre utilizadores. Contém informações resumidas sobre uma conversa para listagens.

VB

```
Public Class ConversationViewModel
```

C#

```
public class ConversationViewModel
```

[C++]

```
public ref class ConversationViewModel
```

[JScript]

```
public class ConversationViewModel
```

Requirements

Namespace:[SecondChance.ViewModels](#)₂₃₆

Assembly: SecondChance (in SecondChance.dll)

Properties

[ConversationId](#)₂₃₆, [LastMessageContent](#)₂₃₇, [LastMessageTime](#)₂₃₈, [OtherUserId](#)₂₃₈, [OtherUserImage](#)₂₃₉,
[UserName](#)₂₄₀, [UnreadCount](#)₂₄₀

ConversationViewModel.ConversationId Property

Identificador único da conversação

VB

```
Public Property ConversationId() As String
```

C#

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

```
[C++]
public:
property String^ ConversationId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get ConversationId() : String;
public function set ConversationId(value : String);
```

See Also

Applies to: [ConversationViewModel](#)₂₃₆

ConversationViewModel.LastMessageContent Property

Conteúdo da última mensagem na conversação

VB

```
Public Property LastMessageContent() As String
```

C#

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

```
[C++]
public:
property String^ LastMessageContent {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get LastMessageContent() : String;
public function set LastMessageContent(value : String);
```

See Also

Applies to: [ConversationViewModel](#)₂₃₆

ConversationViewModel.LastMessageTime Property

Data e hora da última mensagem na conversação

VB

```
Public Property LastMessageTime() As Date
```

C#

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

[C++]

```
public:  
property DateTime LastMessageTime {  
    DateTime get();  
    void set(  
        DateTime value  
    );  
}
```

[JScript]

```
public function get LastMessageTime() : DateTime;  
public function set LastMessageTime(value : DateTime);
```

See Also

Applies to: [ConversationViewModel](#)₂₃₆

ConversationViewModel.OtherUserId Property

Identificador do outro utilizador na conversação

VB

```
Public Property OtherUserId() As String
```

C#

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

[C++]

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```
public:  
property String^ OtherUserId {  
    String^ get( );  
    void set(  
        String^ value  
    );  
}
```

[JScript]
public function get OtherUserId() : String;
public function set OtherUserId(value : String);

See Also

Applies to: [ConversationViewModel](#)₂₃₆

ConversationViewModel.OtherUserImage Property

Caminho para a imagem de perfil do outro utilizador

VB

```
Public Property OtherUserImage() As String
```

C#

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

[C++]
public:
property String^ OtherUserImage {
 String^ get();
 void set(
 String^ value
);
}

[JScript]
public function get OtherUserImage() : String;
public function set OtherUserImage(value : String);

See Also

Applies to: [ConversationViewModel](#)₂₃₆

ConversationViewModel.OtherUserName Property

Nome completo do outro utilizador na conversação

VB

```
Public Property OtherUserName() As String
```

C#

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

```
[C++]
public:
property String^ OtherUserName {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get OtherUserName() : String;
public function set OtherUserName(value : String);
```

See Also

Applies to: [ConversationViewModel](#)₂₃₆

ConversationViewModel.UnreadCount Property

Número de mensagens não lidas na conversação

VB

```
Public Property UnreadCount() As Integer
```

C#

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

```
[C++]
public:
property int UnreadCount {
    int get( );
    void set(
        int value
    );
}
```

```
 );  
}
```

```
[JScript]  
public function get UnreadCount() : int;  
public function set UnreadCount(value : int);
```

See Also

Applies to: [ConversationViewModel](#)²³⁶

ModeratorIndexViewModel Class

Modelo de vista para apresentação do painel principal de moderação. Contém estatísticas e resumos para moderadores e administradores.

VB

```
Public Class ModeratorIndexViewModel
```

C#

```
public class ModeratorIndexViewModel
```

```
[C++]  
public ref class ModeratorIndexViewModel
```

```
[JScript]  
public class ModeratorIndexViewModel
```

Requirements

Namespace:[SecondChance.ViewModels](#)²³⁶

Assembly: SecondChance (in SecondChance.dll)

Properties

[RecentReports](#)²⁴¹, [TotalReports](#)²⁴², [TotalUsers](#)²⁴³, [UnresolvedReports](#)²⁴³

ModeratorIndexViewModel.RecentReports Property

Lista das denúncias mais recentes para revisão rápida

VB

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```
Public Property RecentReports() As List(Of UserReport)
```

C#

```
public List<UserReport> RecentReports {get; set;}
```

[C++]

```
public:  
property List<UserReport^>^ RecentReports {  
    List<UserReport^>^ get( );  
    void set(  
        List<UserReport^>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [ModeratorIndexViewModel](#)₂₄₁

ModeratorIndexViewModel.TotalReports Property

Número total de denúncias submetidas na plataforma

VB

```
Public Property TotalReports() As Integer
```

C#

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

[C++]

```
public:  
property int TotalReports {  
    int get( );  
    void set(  
        int value  
    );  
}
```

```
[JScript]
public function get TotalReports() : int;
public function set TotalReports(value : int);
```

See Also

Applies to: [ModeratorIndexViewModel](#)₂₄₁

ModeratorIndexViewModel.TotalUsers Property

Número total de utilizadores registados na plataforma

VB

```
Public Property TotalUsers() As Integer
```

C#

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

```
[C++]
public:
property int TotalUsers {
    int get();
    void set(
        int value
    );
}
```

```
[JScript]
public function get TotalUsers() : int;
public function set TotalUsers(value : int);
```

See Also

Applies to: [ModeratorIndexViewModel](#)₂₄₁

ModeratorIndexViewModel.UnresolvedReports Property

Número de denúncias pendentes de resolução

VB

```
Public Property UnresolvedReports() As Integer
```

C#

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

```
[C++]
public:
property int UnresolvedReports {
    int get( );
    void set(
        int value
    );
}
```

```
[JScript]
public function get UnresolvedReports() : int;
public function set UnresolvedReports(value : int);
```

See Also

Applies to: [ModeratorIndexViewModel](#)₂₄₁

ReportUserViewModel Class

Modelo de vista para gestão de denúncias de utilizadores. Utilizado para capturar informações sobre denúncias de comportamento inadequado.

VB

```
Public Class ReportUserViewModel
```

C#

```
public class ReportUserViewModel
```

```
[C++]
public ref class ReportUserViewModel
```

```
[JScript]
public class ReportUserViewModel
```

Requirements

Namespace:SecondChance.ViewModels₂₃₆

Assembly: SecondChance (in SecondChance.dll)

Properties

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Details²⁴⁵, Reason²⁴⁵, ReportedUserId²⁴⁶, ReportedUserName²⁴⁷

ReportUserViewModel.Details Property

Detalhes adicionais sobre a denúncia

VB

```
<Required(ErrorMessage = "É necessário detalhar o relatório.")> _
<Display(Name = "Detalhes Adicionais")> _
Public Property Details() As String
```

C#

```
[Required(ErrorMessage = "É necessário detalhar o relatório.")]
[Display(Name = "Detalhes Adicionais")]
public string Details {get; set;}
```

[C++]

```
[Required(ErrorMessage = "É necessário detalhar o relatório.")]
[Display(Name = "Detalhes Adicionais")]
public:
property String^ Details {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    Required(ErrorMessage = "É necessário detalhar o relatório.")
    Display(Name = "Detalhes Adicionais")
function get Details() : String;
public
    Required(ErrorMessage = "É necessário detalhar o relatório.")
    Display(Name = "Detalhes Adicionais")
function set Details(value : String);
```

See Also

Applies to: ReportUserViewModel²⁴⁴

ReportUserViewModel.Reason Property

Motivo da denúncia

VB

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```
<Required(ErrorMessage = "É necessário informar o motivo do relatório.")> _
<Display(Name = "Motivo do Relatório")> _
Public Property Reason() As String
```

C#

```
[Required(ErrorMessage = "É necessário informar o motivo do relatório.")]
[Display(Name = "Motivo do Relatório")]
public string Reason {get; set;}
```

[C++]

```
[Required(ErrorMessage = "É necessário informar o motivo do relatório.")]
[Display(Name = "Motivo do Relatório")]
public:
property String^ Reason {
    String^ get( );
    void set(
        String^ value
    );
}
```

[JScript]

```
public
    Required(ErrorMessage = "É necessário informar o motivo do relatório.")
    Display(Name = "Motivo do Relatório")
function get Reason() : String;
public
    Required(ErrorMessage = "É necessário informar o motivo do relatório.")
    Display(Name = "Motivo do Relatório")
function set Reason(value : String);
```

See Also

Applies to: [ReportUserViewModel](#)²⁴⁴

ReportUserViewModel.ReportedUserId Property

Identificador do utilizador denunciado

VB

```
<Required()> _
Public Property ReportedUserId() As String
```

C#

```
[Required()]
public string ReportedUserId {get; set;}
```

```
[C++]
[Required()]
public:
property String^ ReportedUserId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public
    Required()
function get ReportedUserId() : String;
public
    Required()
function set ReportedUserId(value : String);
```

See Also

Applies to: [ReportUserViewModel](#)²⁴⁴

ReportUserViewModel.ReportedUserName Property

Nome do utilizador denunciado

VB

```
Public Property ReportedUserName() As String
```

C#

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

```
[C++]
public:
property String^ ReportedUserName {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get ReportedUserName() : String;
public function set ReportedUserName(value : String);
```

See Also

Applies to: [ReportUserViewModel](#)²⁴⁴

StatisticsViewModel Class

Modelo de vista para apresentação de estatísticas da plataforma. Contém métricas e dados agregados sobre utilizadores, produtos e doações.

VB

```
Public Class StatisticsViewModel
```

C#

```
public class StatisticsViewModel
```

[C++]

```
public ref class StatisticsViewModel
```

[JScript]

```
public class StatisticsViewModel
```

Requirements

Namespace:[SecondChance.ViewModels](#)²³⁶

Assembly: SecondChance (in SecondChance.dll)

Properties

[AverageTimeToDonation](#)²⁴⁸, [CategoryStats](#)²⁴⁹, [MonthlyDonatedStats](#)²⁵⁰, [MonthlyDonationStats](#)²⁵⁰,
[TotalBannedUsers](#)²⁵¹, [TotalDonatedProducts](#)²⁵¹, [TotalProducts](#)²⁵², [TotalReports](#)²⁵³, [TotalUsers](#)²⁵³,
[WeeklyDonatedStats](#)²⁵⁴, [WeeklyDonationStats](#)²⁵⁵

StatisticsViewModel.AverageTimeToDonation Property

Tempo médio entre a publicação e a doação de um produto (em dias)

VB

```
Public Property AverageTimeToDonation() As Double
```

C#

```
public double AverageTimeToDonation {get; set;}
```

```
[C++]
public:
property double AverageTimeToDonation {
    double get( );
    void set(
        double value
    );
}
```

```
[JScript]
public function get AverageTimeToDonation() : double;
public function set AverageTimeToDonation(value : double);
```

See Also

Applies to: [StatisticsViewModel](#)²⁴⁸

StatisticsViewModel.CategoryStats Property

Estatísticas de produtos por categoria

VB

```
Public Property CategoryStats() As Dictionary(Of String, Integer)
```

C#

```
public Dictionary<string, int> CategoryStats {get; set;}
```

```
[C++]
public:
property Dictionary<String, int>^ CategoryStats {
    Dictionary<String, int>^ get( );
    void set(
        Dictionary<String, int>^ value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

Applies to: [StatisticsViewModel](#)²⁴⁸

StatisticsViewModel.MonthlyDonatedStats Property

Estatísticas mensais de produtos doados

VB

```
Public Property MonthlyDonatedStats() As Dictionary(Of String, Integer)
```

C#

```
public Dictionary<string, int> MonthlyDonatedStats {get; set;}
```

[C++]

```
public:
property Dictionary<String, int>^ MonthlyDonatedStats {
    Dictionary<String, int>^ get( );
    void set(
        Dictionary<String, int>^ value
    );
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [StatisticsViewModel](#)₂₄₈

StatisticsViewModel.MonthlyDonationStats Property

Estatísticas mensais de produtos adicionados

VB

```
Public Property MonthlyDonationStats() As Dictionary(Of String, Integer)
```

C#

```
public Dictionary<string, int> MonthlyDonationStats {get; set;}
```

[C++]

```
public:
property Dictionary<String, int>^ MonthlyDonationStats {
    Dictionary<String, int>^ get( );
    void set(
        Dictionary<String, int>^ value
    );
}
```

```
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [StatisticsViewModel](#)²⁴⁸

StatisticsViewModel.TotalBannedUsers Property

Número total de utilizadores banidos ou desativados

VB

```
Public Property TotalBannedUsers() As Integer
```

C#

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

[C++]

```
public:  
property int TotalBannedUsers {  
    int get();  
    void set(  
        int value  
    );  
}
```

[JScript]

```
public function get TotalBannedUsers() : int;  
public function set TotalBannedUsers(value : int);
```

See Also

Applies to: [StatisticsViewModel](#)²⁴⁸

StatisticsViewModel.TotalDonatedProducts Property

Número total de produtos que foram doados

VB

```
Public Property TotalDonatedProducts() As Integer
```

C#

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

[C++]

```
public:  
property int TotalDonatedProducts {  
    int get();  
    void set(  
        int value  
    );  
}
```

[JScript]

```
public function get TotalDonatedProducts() : int;  
public function set TotalDonatedProducts(value : int);
```

See Also

Applies to: [StatisticsViewModel](#)₂₄₈

StatisticsViewModel.TotalProducts Property

Número total de produtos registados na plataforma

VB

```
Public Property TotalProducts() As Integer
```

C#

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

[C++]

```
public:  
property int TotalProducts {  
    int get();  
    void set(  
        int value  
    );  
}
```

[JScript]

```
public function get TotalProducts() : int;
```

```
public function set TotalProducts(value : int);
```

See Also

Applies to: [StatisticsViewModel](#)₂₄₈

StatisticsViewModel.TotalReports Property

Número total de denúncias submetidas

VB

```
Public Property TotalReports() As Integer
```

C#

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

[C++]
public:
property int TotalReports {
 int get();
 void set(
 int value
);
}

[JScript]
public function get TotalReports() : int;
public function set TotalReports(value : int);

See Also

Applies to: [StatisticsViewModel](#)₂₄₈

StatisticsViewModel.TotalUsers Property

Número total de utilizadores registados

VB

```
Public Property TotalUsers() As Integer
```

C#

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

```
[C++]
public:
property int TotalUsers {
    int get( );
    void set(
        int value
    );
}
```

```
[JScript]
public function get TotalUsers() : int;
public function set TotalUsers(value : int);
```

See Also

Applies to: [StatisticsViewModel](#)²⁴⁸

StatisticsViewModel.WeeklyDonatedStats Property

Estatísticas semanais de produtos doados

VB

```
Public Property WeeklyDonatedStats() As Dictionary(Of String, Integer)
```

C#

```
public Dictionary<string, int> WeeklyDonatedStats {get; set;}
```

```
[C++]
public:
property Dictionary<String, int>^ WeeklyDonatedStats {
    Dictionary<String, int>^ get( );
    void set(
        Dictionary<String, int>^ value
    );
}
```

```
[JScript]
JScript does not support generic types and methods.
```

See Also

Applies to: [StatisticsViewModel](#)²⁴⁸

StatisticsViewModel.WeeklyDonationStats Property

Estatísticas semanais de produtos adicionados

VB

```
Public Property WeeklyDonationStats() As Dictionary(Of String, Integer)
```

C#

```
public Dictionary<string, int> WeeklyDonationStats {get; set;}
```

[C++]

```
public:  
property Dictionary<String, int>^ WeeklyDonationStats {  
    Dictionary<String, int>^ get();  
    void set(  
        Dictionary<String, int>^ value  
    );  
}
```

[JScript]

JScript does not support generic types and methods.

See Also

Applies to: [StatisticsViewModel](#)₂₄₈

SupportChatViewModel Class

Modelo de vista para gestão das conversas de suporte técnico. Contém informações resumidas sobre conversas entre utilizadores e equipa de suporte.

VB

```
Public Class SupportChatViewModel
```

C#

```
public class SupportChatViewModel
```

[C++]

```
public ref class SupportChatViewModel
```

```
[JScript]
public class SupportChatViewModel
```

Requirements

Namespace:[SecondChance.ViewModels](#)²³⁶

Assembly: SecondChance (in SecondChance.dll)

Properties

[ConversationId](#)²⁵⁶, [LastMessageTime](#)²⁵⁶, [UnreadCount](#)²⁵⁷, [UserId](#)²⁵⁸, [UserImage](#)²⁵⁸, [UserName](#)²⁵⁹

SupportChatViewModel.ConversationId Property

Identificador único da conversação de suporte

VB

```
Public Property ConversationId() As String
```

C#

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

```
[C++]
public:
property String^ ConversationId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get ConversationId() : String;
public function set ConversationId(value : String);
```

See Also

Applies to: [SupportChatViewModel](#)²⁵⁵

SupportChatViewModel.LastMessageTime Property

Data e hora da última mensagem na conversação

VB

```
Public Property LastMessageTime() As Date
```

C#

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

```
[C++]
public:
property DateTime LastMessageTime {
    DateTime get( );
    void set(
        DateTime value
    );
}
```

[JScript]

```
public function get LastMessageTime() : DateTime;
public function set LastMessageTime(value : DateTime);
```

See Also

Applies to: [SupportChatViewModel](#)₂₅₅

SupportChatViewModel.UnreadCount Property

Número de mensagens não lidas na conversação

VB

```
Public Property UnreadCount() As Integer
```

C#

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

```
[C++]
public:
property int UnreadCount {
    int get( );
    void set(
        int value
    );
}
```

```
[JScript]
public function get UnreadCount() : int;
public function set UnreadCount(value : int);
```

See Also

Applies to: [SupportChatViewModel](#)₂₅₅

SupportChatViewModel.UserId Property

Identificador do utilizador que iniciou a conversação de suporte

VB

```
Public Property UserId() As String
```

C#

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

```
[C++]
public:
property String^ UserId {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get UserId() : String;
public function set UserId(value : String);
```

See Also

Applies to: [SupportChatViewModel](#)₂₅₅

SupportChatViewModel.UserImage Property

Caminho para a imagem de perfil do utilizador

VB

```
Public Property UserImage() As String
```

C#

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

```
[C++]
public:
property String^ UserImage {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get UserImage() : String;
public function set UserImage(value : String);
```

See Also

Applies to: [SupportChatViewModel](#)₂₅₅

SupportChatViewModel.UserName Property

Nome do utilizador que iniciou a conversação de suporte

VB

```
Public Property UserName() As String
```

C#

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

```
[C++]
public:
property String^ UserName {
    String^ get( );
    void set(
        String^ value
    );
}
```

```
[JScript]
public function get UserName() : String;
public function set UserName(value : String);
```

See Also

Applies to: [SupportChatViewModel](#)₂₅₅

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