

## Diagrama de classe BCE

Package in package 'Model'

Diagrama de classe BCE  
Version 1.0 Phase 1.0 Proposed  
Eits created on 03/10/2017. Last modified 03/10/2017  
Alias

## Categoria de equipamento View diagram

Class diagram in package 'Diagrama de classe BCE'

Categoria de equipamento View  
Version 1.0  
Eits created on 10/10/2017. Last modified 18/10/2017

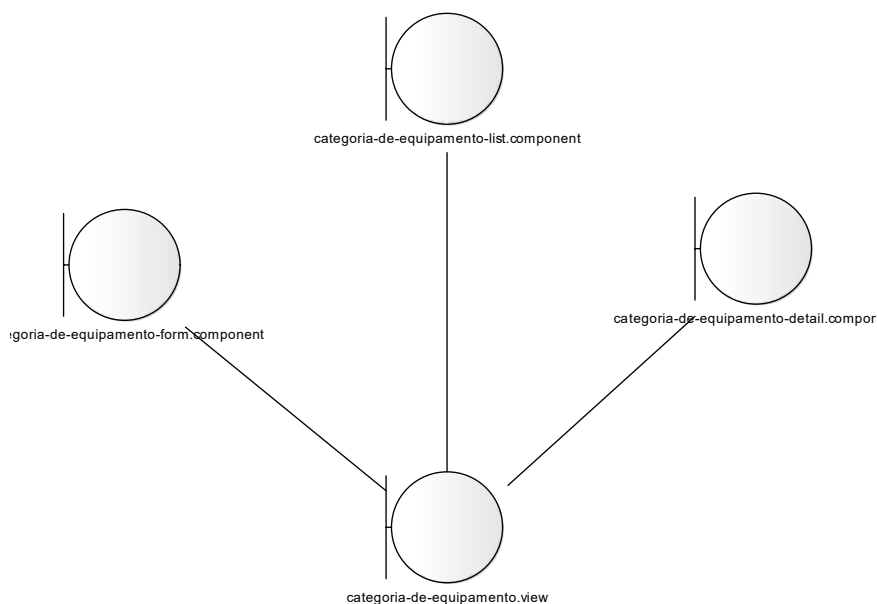


Figure 1: Categoria de equipamento View

## Manter categoria de equipamento diagram

Data Modeling diagram in package 'Diagrama de classe BCE'

Manter categoria de equipamento  
Version 1.0  
Eits created on 18/10/2017. Last modified 18/10/2017

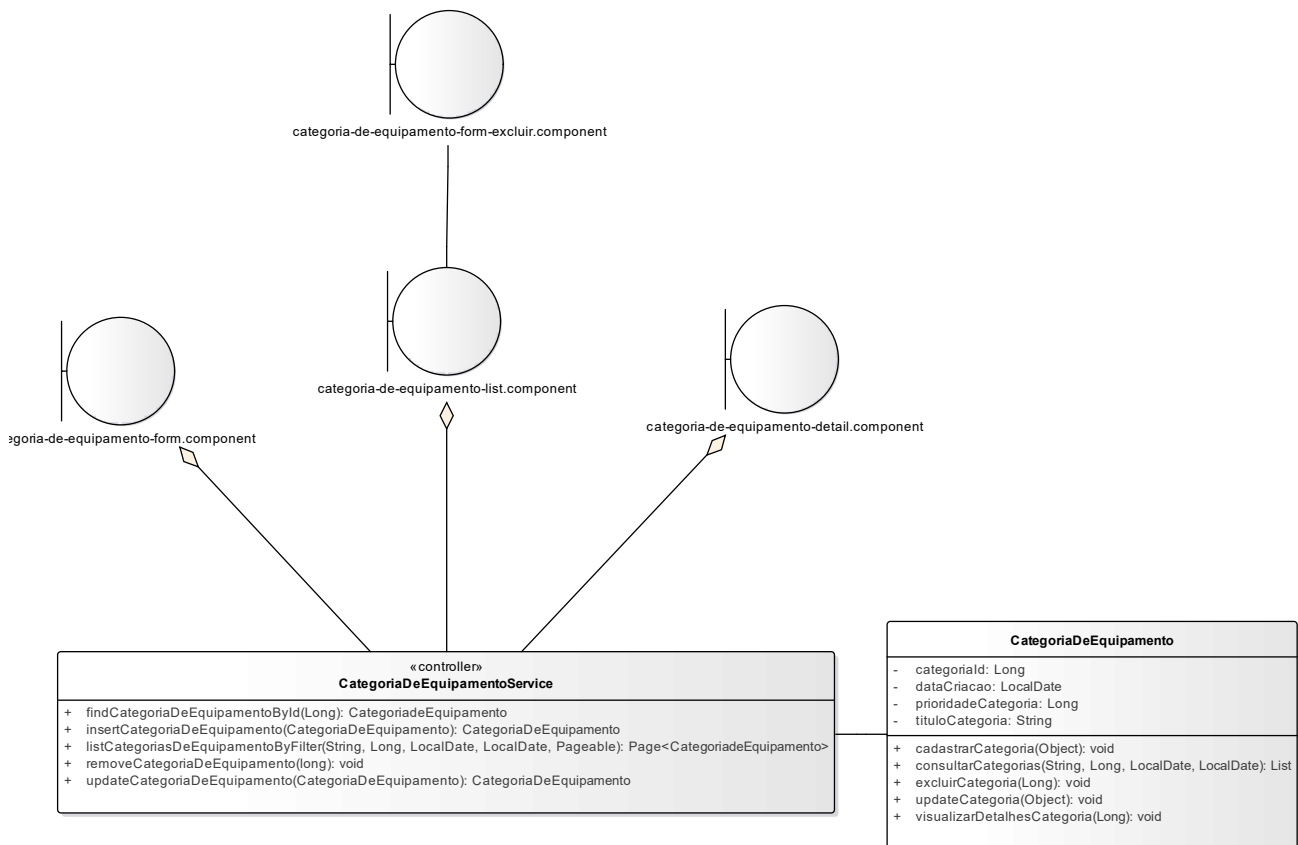


Figure 2: Manter categoria de equipamento

## Manter solicitações de equipamento diagram

Data Modeling diagram in package 'Diagrama de classe BCE'

Manter solicitações de equipamento

Version 1.0

Eits created on 03/10/2017. Last modified 18/10/2017

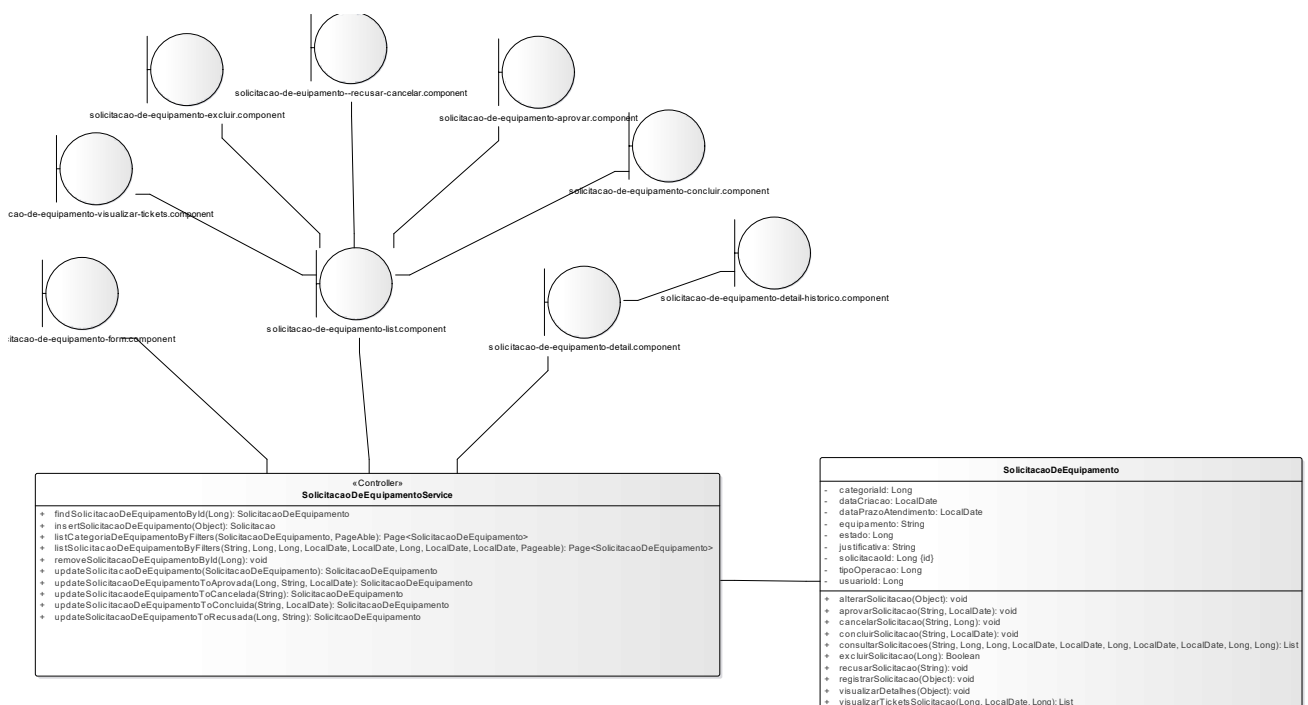


Figure 3: Manter solicitações de equipamento

## Solicitacao de equipamento View diagram

Class diagram in package 'Diagrama de classe BCE'

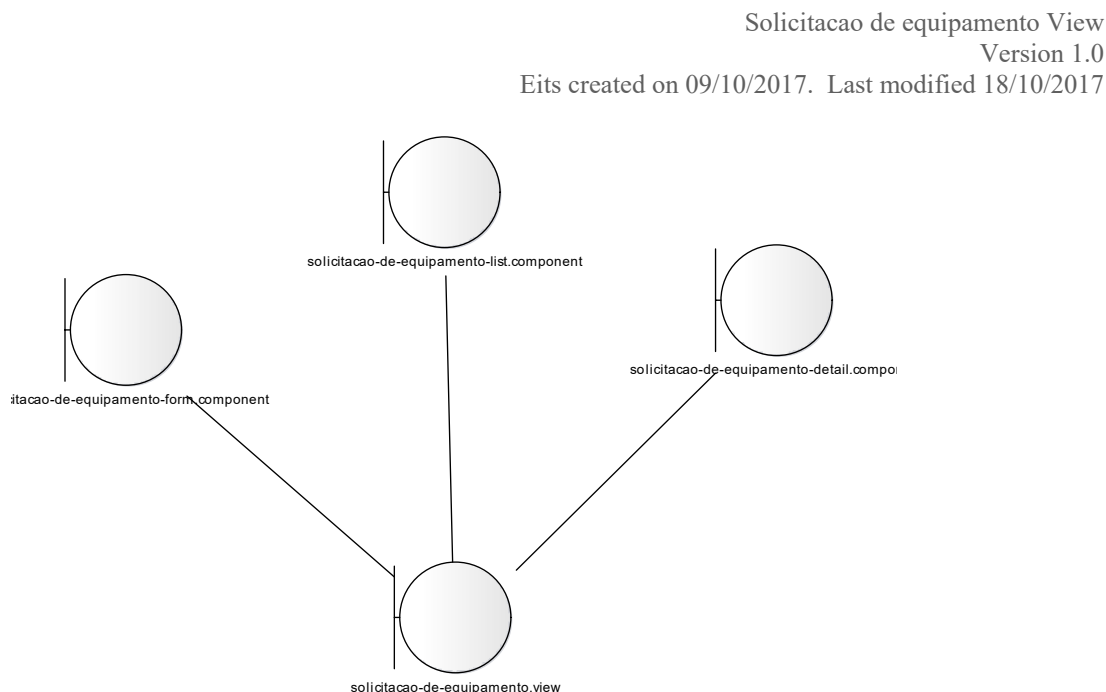


Figure 4: Solicitacao de equipamento View

## CategoriaDeEquipamento

Class in package 'Diagrama de classe BCE'

CategoriaDeEquipamento  
Version 1.0 Phase 1.0 Proposed  
Eits created on 09/10/2017. Last modified 18/10/2017

ATTRIBUTES	
<div></div> categoriaId : Long Private	[ Is static False. Containment is Not Specified. ]
<div></div> dataCriacao : LocalDate Private	[ Is static False. Containment is Not Specified. ]
<div></div> prioridadeCategoria : Long Private	[ Is static False. Containment is Not Specified. ]
<div></div> tituloCategoria : String Private	[ Is static False. Containment is Not Specified. ]


## ASSOCIATIONS

 Association (direction: Unspecified)


Source: Public (Class) CategoriaDeEquipamentoService  
«controller»

Target: Public (Class) CategoriaDeEquipamento

## OPERATIONS

 cadastrarCategoria (categoria : Object ) : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 consultarCategorias (palavra : String , prioridade : Long , dataRegistroInicial : LocalDate , dataRegistroFinal : LocalDate ) : List Public


[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 excluirCategoria (categoriaId : Long ) : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 updateCategoria (categoria : Object ) : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 visualizarDetalhesCategoria (solicitacaoId : Long ) : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## CategoriaDeEquipamentoService

Class «controller» in package 'Diagrama de classe BCE'


CategoriaDeEquipamentoService

Version 1.0 Phase 1.0 Proposed


Eits created on 09/10/2017. Last modified 18/10/2017

## OUTGOING STRUCTURAL RELATIONSHIPS

 Aggregation from «controller» CategoriaDeEquipamentoService to «boundary» categoria-de-equipamento-list.component  
[ Direction is 'Source -> Destination'. ]

 Aggregation from «controller» CategoriaDeEquipamentoService to «boundary» categoria-de-equipamento-detail.component

[ Direction is 'Source -> Destination'. ]

 Aggregation from «controller» CategoriaDeEquipamentoService to «boundary» categoria-de-equipamento-form.component

[ Direction is 'Source -> Destination'. ]


## ASSOCIATIONS


## ASSOCIATIONS


 Association (direction: Unspecified)
Source: Public (Class) CategoriaDeEquipamentoService  
«controller»

Target: Public (Class) CategoriaDeEquipamento


## OPERATIONS

 findCategoriaDeEquipamentoById (categoriaId : Long ) : CategoriadeEquipamento Public  
[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 insertCategoriaDeEquipamento (categoria : CategoriaDeEquipamento ) : CategoriaDeEquipamento Public  
[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 listCategoriasDeEquipamentoByFilter (palavra : String , prioridade : Long , dataRegistroInicial : LocalDate , dataRegistroFinal : LocalDate , page : Pageable ) : Page<CategoriadeEquipamento> Public  
[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 removeCategoriaDeEquipamento (categoriaId : long ) : void Public  
[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 updateCategoriaDeEquipamento (categoria : CategoriaDeEquipamento ) : CategoriaDeEquipamento Public  
[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## SolicitacaoDeEquipamento

Class in package 'Diagrama de classe BCE'

SolicitacaoDeEquipamento  
Version 1.0 Phase 1.0 Proposed  
Eits created on 09/10/2017. Last modified 18/10/2017

## ATTRIBUTES

 categoriaId : Long Private  
[ Is static False. Containment is Not Specified. ]


 dataCriacao : LocalDate Private  
[ Is static False. Containment is Not Specified. ]

 dataPrazoAtendimento : LocalDate Private  
[ Is static False. Containment is Not Specified. ]


 equipamento : String Private  
[ Is static False. Containment is Not Specified. ]

 estado : Long Private  
[ Is static False. Containment is Not Specified. ]


## ATTRIBUTES

 justificativa : String Private


[ Is static False. Containment is Not Specified. ]

 solicitacaoId : Long Private

[ Is static False. Containment is Not Specified. ]

 tipoOperacao : Long Private

[ Is static False. Containment is Not Specified. ]

 usuarioId : Long Private

[ Is static False. Containment is Not Specified. ]

## ASSOCIATIONS


 . Association (direction: Unspecified)

Source: Public (Class) SolicitacaoDeEquipamento


Target: Public (Class)

SolicitacaoDeEquipamentoService «Controller»


## OPERATIONS

 alterarSolicitacao (solicitacao : Object ) : void Public


[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 aprovarSolicitacao (justificativa : String , dataAtendimento : LocalDate ) : void Public


[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 cancelarSolicitacao (justificativa : String , solicitacaoId : Long ) : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 concluirSolicitacao (observacao : String , dataExecucao : LocalDate ) : void Public


[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 consultarSolicitacoes (palavra : String , categoriaId : Long , prioridadeSolicitacao : Long , dataRegistroInicial : LocalDate , dataRegistroFinal : LocalDate , tipoOperacao : Long , dataAtendimentoInicial : LocalDate , dataAtendimentoFinal : LocalDate , prioridadeCategoria : Long , estadoSolicitacao : Long ) : List Public


[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]



 excluirSolicitacao (solicitacaoId : Long ) : Boolean Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 recusarSolicitacao (justificativa : String ) : void Public

[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

 registrarSolicitacao (solicitacao : Object ) : void Public

OPERATIONS
[ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 visualizarDetalhes (solicitacaoObjeto : Object ) : void Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 visualizarTicketsSolicitacao (prioridadeSolicitacao : Long , data : LocalDate , usuarioLogado : Long ) : List Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

## SolicitacaoDeEquipamentoService



Class «Controller» in package 'Diagrama de classe BCE'

SolicitacaoDeEquipamentoService

Version 1.0 Phase 1.0 Proposed

Eits created on 09/10/2017. Last modified 18/10/2017

ASSOCIATIONS
 Association (direction: Unspecified)  Source: Public (Class) SolicitacaoDeEquipamentoService «Controller» Target: Public (Class) solicitacao-de-equipamento-form.component «boundary»
 Association (direction: Unspecified)  Source: Public (Class) SolicitacaoDeEquipamentoService «Controller» Target: Public (Class) solicitacao-de-equipamento-detail.component «boundary»
 Association (direction: Unspecified)  Source: Public (Class) solicitacao-de-equipamento-list.component «boundary» Target: Public (Class) SolicitacaoDeEquipamentoService «Controller»
 Association (direction: Unspecified)  Source: Public (Class) SolicitacaoDeEquipamento Target: Public (Class) SolicitacaoDeEquipamentoService «Controller»

OPERATIONS
 findSolicitacaoDeEquipamentoById (solicitacaoId : Long ) : SolicitacaoDeEquipamento Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]
 insertSolicitacaoDeEquipamento (Solicitacao : Object ) : Solicitacao Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]

OPERATIONS
<p>◆ listCategoriaDeEquipamentoByFilters (categorias : SolicitacaoDeEquipamento , page : PageAble ) : Page&lt;SolicitacaoDeEquipamento&gt; Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ listSolicitacaoDeEquipamentoByFilters (palavra : String , estadoSolicitacao : Long , prioridadeSolicitacao : Long , dataRegistroInicial : LocalDate , dataRegistroFinal : LocalDate , categoriaId : Long , dataAtendimentoInicial : LocalDate , dataAtendimentoFinal : LocalDate , page : Pageable ) : Page&lt;SolicitacaoDeEquipamento&gt; Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ removeSolicitacaoDeEquipamentoById (solicitacaoId : Long ) : void Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ updateSolicitacaoDeEquipamento (solicitacao : SolicitacaoDeEquipamento ) : SolicitacaoDeEquipamento Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ updateSolicitacaoDeEquipamentoToAprovada (solicitacaoId : Long , justificativa : String , dataAprovacao : LocalDate ) : SolicitacaoDeEquipamento Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ updateSolicitacaoDeEquipamentoToCancelada (justificativaCancelamento : String ) : SolicitacaoDeEquipamento Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ updateSolicitacaoDeEquipamentoToConcluida (observacaoConcluida : String , dataConclusao : LocalDate ) : SolicitacaoDeEquipamento Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>
<p>◆ updateSolicitacaoDeEquipamentoToRecusada (solicitacaoId : Long , justificativaRecusada : String ) : SolicitacaoDeEquipamento Public [ Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False. ]</p>

## SolicitacaoDeTrocaDeEquipamento

Class in package 'Diagrama de classe BCE'

SolicitacaoDeTrocaDeEquipamento  
Version 1.0 Phase 1.0 Proposed  
Eits created on 09/10/2017. Last modified 09/10/2017

## categoria-de-equipamento-detail.component

Class «boundary» in package 'Diagrama de classe BCE'

categoria-de-equipamento-detail.component  
Version 1.0 Phase 1.0 Proposed  
Eits created on 18/10/2017. Last modified 18/10/2017

ASSOCIATIONS



## ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Class) categoria-de-equipamento.view «boundary»

Target: Public (Class)  
categoria-de-equipamento-detail.component  
«boundary»

## categoria-de-equipamento-detail.component


*Class «boundary» in package 'Diagrama de classe BCE'*

categoria-de-equipamento-detail.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## INCOMING STRUCTURAL RELATIONSHIPS

 Aggregation from «controller» CategoriaDeEquipamentoService to «boundary»  
categoria-de-equipamento-detail.component

[ Direction is 'Source -&gt; Destination'. ]

## categoria-de-equipamento-form-excluir.component

*Class «boundary» in package 'Diagrama de classe BCE'*

categoria-de-equipamento-form-excluir.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## ASSOCIATIONS

 Association (direction: Unspecified)Source: Public (Class)  
categoria-de-equipamento-form-excluir.component «boundary»Target: Public (Class)  
categoria-de-equipamento-list.component  
«boundary»

## categoria-de-equipamento-form.component

*Class «boundary» in package 'Diagrama de classe BCE'*

categoria-de-equipamento-form.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Class) categoria-de-equipamento.view «boundary»

Target: Public (Class)  
categoria-de-equipamento-form.component  
«boundary»

## ASSOCIATIONS

## categoria-de-equipamento-form.component

Class «boundary» in package 'Diagrama de classe BCE'

categoria-de-equipamento-form.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## INCOMING STRUCTURAL RELATIONSHIPS

⇒ Aggregation from «controller» CategoriaDeEquipamentoService to «boundary» categoria-de-equipamento-form.component

[ Direction is 'Source -> Destination'. ]

## categoria-de-equipamento-list.component

Class «boundary» in package 'Diagrama de classe BCE'

categoria-de-equipamento-list.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## ASSOCIATIONS

✎ Association (direction: Unspecified)

Source: Public (Class) categoria-de-equipamento.view «boundary»

Target: Public (Class)  
categoria-de-equipamento-list.component  
«boundary»

## categoria-de-equipamento-list.component

Class «boundary» in package 'Diagrama de classe BCE'

categoria-de-equipamento-list.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## INCOMING STRUCTURAL RELATIONSHIPS

⇒ Aggregation from «controller» CategoriaDeEquipamentoService to «boundary» categoria-de-equipamento-list.component  
[ Direction is 'Source -> Destination'. ]

## ASSOCIATIONS

✎ Association (direction: Unspecified)

Source: Public (Class)

Target: Public (Class)

## ASSOCIATIONS

categoria-de-equipamento-form-excluir.component «boundary»

categoria-de-equipamento-list.component  
«boundary»

## categoria-de-equipamento.view

*Class «boundary» in package 'Diagrama de classe BCE'*

categoria-de-equipamento.view

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Class) categoria-de-equipamento.view «boundary»

Target: Public (Class)  
categoria-de-equipamento-form.component  
«boundary» Association (direction: Unspecified)

Source: Public (Class) categoria-de-equipamento.view «boundary»

Target: Public (Class)  
categoria-de-equipamento-detail.component  
«boundary» Association (direction: Unspecified)

Source: Public (Class) categoria-de-equipamento.view «boundary»

Target: Public (Class)  
categoria-de-equipamento-list.component  
«boundary»

## solicitacao-de-equipamento-aprovar.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-aprovar.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

## ASSOCIATIONS

 Association (direction: Unspecified)Source: Public (Class)  
solicitacao-de-equipamento-aprovar.component «boundary»Target: Public (Class)  
solicitacao-de-equipamento-list.component  
«boundary»

## solicitacao-de-equipamento-concluir.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-concluir.component  
Version 1.0 Phase 1.0 Proposed  
Eits created on 18/10/2017. Last modified 18/10/2017

**ASSOCIATIONS**

 Association (direction: Unspecified)

Source: Public (Class)  
solicitacao-de-equipamento-concluir.component «boundary»

Target: Public (Class)  
solicitacao-de-equipamento-list.component  
«boundary»

## solicitacao-de-equipamento-detail-historico.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-detail-historico.component  
Version 1.0 Phase 1.0 Proposed  
Eits created on 18/10/2017. Last modified 18/10/2017

**ASSOCIATIONS**

 Association (direction: Unspecified)

Source: Public (Class)  
solicitacao-de-equipamento-detail.component «boundary»

Target: Public (Class)  
solicitacao-de-equipamento-detail-historico.compo  
nent «boundary»

## solicitacao-de-equipamento-detail.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-detail.component  
Version 1.0 Phase 1.0 Proposed  
Eits created on 18/10/2017. Last modified 18/10/2017

**ASSOCIATIONS**

 Association (direction: Unspecified)

Source: Public (Class) solicitacao-de-equipamento.view  
«boundary»

Target: Public (Class)  
solicitacao-de-equipamento-detail.component  
«boundary»

## solicitacao-de-equipamento-detail.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-detail.component  
Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

**ASSOCIATIONS** Association (direction: Unspecified)Source: Public (Class)  
solicitacao-de-equipamento-detail.component «boundary»Target: Public (Class)  
solicitacao-de-equipamento-detail-historico.compo  
nent «boundary» Association (direction: Unspecified)Source: Public (Class) SolicitacaoDeEquipamentoService  
«Controller»Target: Public (Class)  
solicitacao-de-equipamento-detail.component  
«boundary»

## solicitacao-de-equipamento-excluir.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-excluir.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

**ASSOCIATIONS** Association (direction: Unspecified)Source: Public (Class)  
solicitacao-de-equipamento-excluir.component «boundary»Target: Public (Class)  
solicitacao-de-equipamento-list.component  
«boundary»

## solicitacao-de-equipamento-form.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-form.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

**ASSOCIATIONS** Association (direction: Unspecified)Source: Public (Class) solicitacao-de-equipamento.view  
«boundary»Target: Public (Class)  
solicitacao-de-equipamento-form.component  
«boundary»

## solicitacao-de-equipamento-form.component

*Class «boundary» in package 'Diagrama de classe BCE'*

solicitacao-de-equipamento-form.component  
 Version 1.0 Phase 1.0 Proposed  
 Eits created on 18/10/2017. Last modified 18/10/2017

#### ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Class) SolicitacaoDeEquipamentoService  
 «Controller»

Target: Public (Class)  
 solicitacao-de-equipamento-form.component  
 «boundary»

## solicitacao-de-equipamento-list.component

Class «boundary» in package 'Diagrama de classe BCE'

solicitacao-de-equipamento-list.component  
 Version 1.0 Phase 1.0 Proposed  
 Eits created on 18/10/2017. Last modified 18/10/2017

#### ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Class) solicitacao-de-equipamento.view  
 «boundary»

Target: Public (Class)  
 solicitacao-de-equipamento-list.component  
 «boundary»

## solicitacao-de-equipamento-list.component

Class «boundary» in package 'Diagrama de classe BCE'

solicitacao-de-equipamento-list.component  
 Version 1.0 Phase 1.0 Proposed  
 Eits created on 18/10/2017. Last modified 18/10/2017

#### ASSOCIATIONS

 Association (direction: Unspecified)

Source: Public (Class) solicitacao-de-equipamento-list.component  
 «boundary»

Target: Public (Class)  
 SolicitacaoDeEquipamentoService «Controller»

 Association (direction: Unspecified)




Source: Public (Class)  
 solicitacao-de-equipamento-concluir.component «boundary»

Target: Public (Class)  
 solicitacao-de-equipamento-list.component  
 «boundary»

 Association (direction: Unspecified)

Source: Public (Class)

Target: Public (Class)

ASSOCIATIONS	
solicitacao-de-equipamento--recusar-cancelar.component «boundary»	solicitacao-de-equipamento-list.component «boundary»
 Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento-visualizar-tickets.component «boundary»	Target: Public (Class) solicitacao-de-equipamento-list.component «boundary»
 Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento-excluir.component «boundary»	Target: Public (Class) solicitacao-de-equipamento-list.component «boundary»
 Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento-aprovar.component «boundary»	Target: Public (Class) solicitacao-de-equipamento-list.component «boundary»


## solicitacao-de-equipamento-visualizar-tickets.component

Class «boundary» in package 'Diagrama de classe BCE'

solicitacao-de-equipamento-visualizar-tickets.component

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

ASSOCIATIONS	
 Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento-visualizar-tickets.component «boundary»	Target: Public (Class) solicitacao-de-equipamento-list.component «boundary»


## solicitacao-de-equipamento.view



Class «boundary» in package 'Diagrama de classe BCE'

solicitacao-de-equipamento.view

Version 1.0 Phase 1.0 Proposed

Eits created on 18/10/2017. Last modified 18/10/2017

ASSOCIATIONS	
 Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento.view «boundary»	Target: Public (Class) solicitacao-de-equipamento-form.component

ASSOCIATIONS	
«boundary»	
 . Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento.view «boundary»	Target: Public (Class) solicitacao-de-equipamento-list.component «boundary»
 . Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-equipamento.view «boundary»	Target: Public (Class) solicitacao-de-equipamento-detail.component «boundary»

## solicitacao-de-euipamento--recusar-cancelar.component

Class «boundary» in package 'Diagrama de classe BCE'

solicitacao-de-euipamento--recusar-cancelar.component  
Version 1.0 Phase 1.0 Proposed  
Eits created on 18/10/2017. Last modified 18/10/2017

ASSOCIATIONS	
 . Association (direction: Unspecified)	
Source: Public (Class) solicitacao-de-euipamento--recusar-cancelar.component «boundary»	Target: Public (Class) solicitacao-de-equipamento-list.component «boundary»