Diagrama de Classes

Package in package 'Model'

<div align="right">

Diagrama de Classes
Version 1.0 Phase 1.0 Proposed
Eits created on 29/09/2017. Last modified 03/10/2017
Alias

</div>

Classes Manuais

Package in package 'Diagrama de Classes'

<div align="right">

Classes Manuais
Version   Phase 1.0 Proposed
created on 29/09/2017. Last modified 29/09/2017
Alias

</div>

Categoria de equipamento diagram

Class diagram in package 'Classes Manuais'

<div align="right">

Categoria de equipamento
Version 1.0
Eits created on 18/10/2017. Last modified 18/10/2017
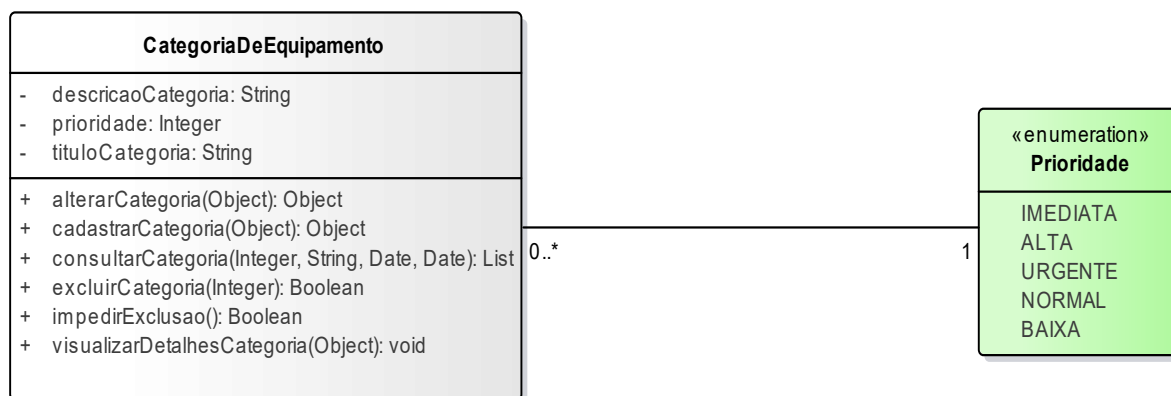
</div>

Figure 1: Categoria de equipamento

Diagrama macro diagram

Class diagram in package 'Classes Manuais'

<div align="right">

Diagrama macro
Version 1.0
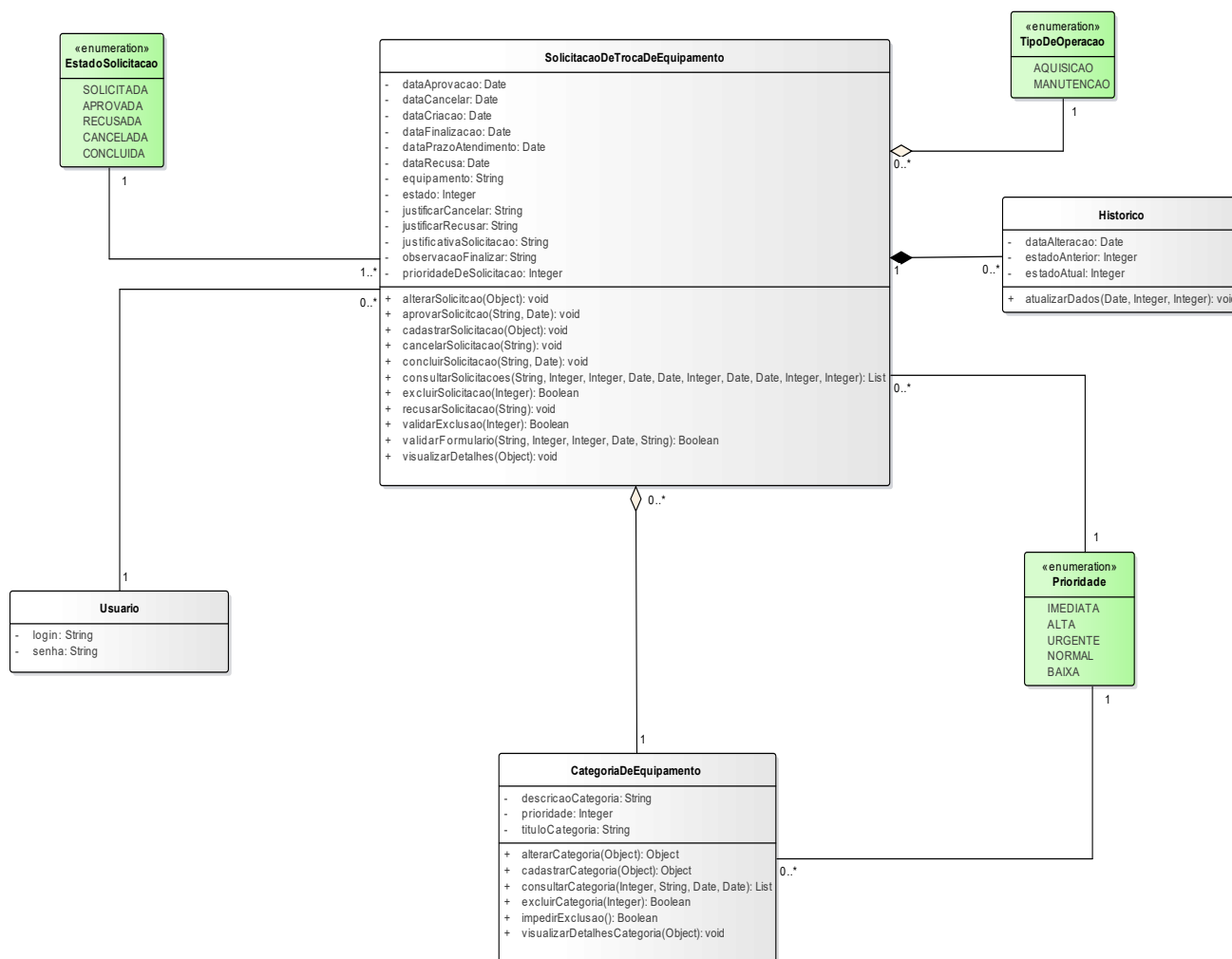Eits created on 29/09/2017. Last modified 19/10/2017

</div>

«enumeration»
EstadoSolicitacao

SOLICITADA
APROVADA
RECUSADA
CANCELADA
CONCLUIDA

«enumeration»
TipoDeOperacao

AQUISICAO
MANUTENCAO

SolicitacaoDeTrocaDeEquipamento

- dataAprovacao: Date
- dataCancelar: Date
- dataCriacao: Date
- dataFinalizacao: Date
- dataPrazoAtendimento: Date
- dataRecusa: Date
- equipamento: String
- estado: Integer
- justificarCancelar: String
- justificarRecusar: String
- justificativaSolicitacao: String
- observacaoFinalizar: String
- prioridadeDeSolicitacao: Integer

+ alterarSolicitcao(Object): void
+ aprovarSolicitcao(String, Date): void
+ cadastrarSolicitacao(Object): void
+ cancelarSolicitacao(String): void
+ concluirSolicitacao(String, Date): void
+ consultarSolicitacoes(String, Integer, Integer, Date, Date, Integer, Date, Date, Integer, Integer): List
+ excluirSolicitacao(Integer): Boolean
+ recusarSolicitacao(String): void
+ validarExclusao(Integer): Boolean
+ validarFormulario(String, Integer, Integer, Date, String): Boolean
+ visualizarDetalhes(Object): void

Historico

- dataAlteracao: Date
- estadoAnterior: Integer
- estadoAtual: Integer

+ atualizarDados(Date, Integer, Integer): void

Usuario

- login: String
- senha: String

«enumeration»
Prioridade

IMEDIATA
ALTA
URGENTE
NORMAL
BAIXA

CategoriaDeEquipamento

- descricaoCategoria: String
- prioridade: Integer
- tituloCategoria: String

+ alterarCategoria(Object): Object
+ cadastrarCategoria(Object): Object
+ consultarCategoria(Integer, String, Date, Date): List
+ excluirCategoria(Integer): Boolean
+ impedirExclusao(): Boolean
+ visualizarDetalhesCategoria(Object): void

Figure 2: Diagrama macro

Solicitação de troca de equipamento diagram

Class diagram in package 'Classes Manuais'

Solicitação de troca de equipamento
Version 1.0
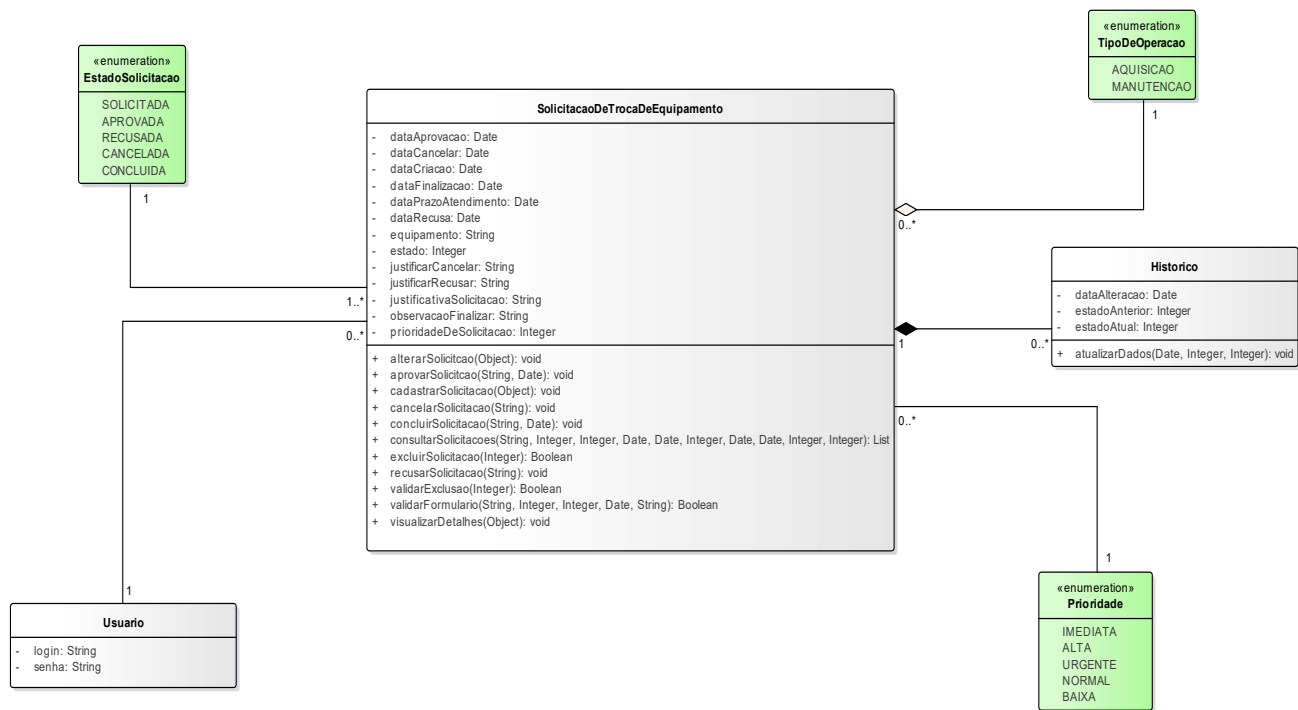Eits created on 18/10/2017. Last modified 19/10/2017

Figure 3: Solicitação de troca de equipamento

CategoriaDeEquipamento

Class in package 'Classes Manuais'

Categoria de equipamento vai coordenar todas os métodos que mantém esta categorias

CategoriaDeEquipamento
Version 1.0 Phase 1.0 Proposed
Eits created on 09/10/2017. Last modified 19/10/2017

OUTGOING STRUCTURAL RELATIONSHIPS

⬅ Aggregation from CategoriaDeEquipamento to SolicitacaoDeTrocaDeEquipamento

[Direction is 'Source -> Destination'.]

ATTRIBUTES

🔷 descricaoCategoria : String Private

[Is static False. Containment is Not Specified.]

🔷 prioridade : Integer Private

[Is static False. Containment is Not Specified.]

🔷 tituloCategoria : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏ Association (direction: Unspecified)

ASSOCIATIONS

Source: Public (Class) CategoriaDeEquipamento
    Cardinality: [0..*]

Target: Public (Enumeration) Prioridade
    Cardinality: [1]

OPERATIONS

◆ alterarCategoria (categoriaObjeto : Object) : Object Public
> [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ cadastrarCategoria (categoriaObjeto : Object) : Object Public
> [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ consultarCategoria (prioridade : Integer , palavra : String , dataCriacaoInicial : Date , dataCriacaoFinal : Date) : List Public
> [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ excluirCategoria (codigo : Integer) : Boolean Public
> [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ impedirExclusao () : Boolean Public
> [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ visualizarDetalhesCategoria (categoriaObjeto : Object) : void Public
> [Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

Historico

Class in package 'Classes Manuais'

Esta classe armazenará os atributos relativos ao histórico de solicitações.

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

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OUTGOING STRUCTURAL RELATIONSHIPS

⬅ Aggregation from Historico to SolicitacaoDeTrocaDeEquipamento
> [Direction is 'Source -> Destination'.]

ATTRIBUTES

◆ dataAlteracao : Date Private
> [Is static False. Containment is Not Specified.]

◆ estadoAnterior : Integer Private
> [Is static False. Containment is Not Specified.]

ATTRIBUTES

◆ estadoAtual : Integer Private

[Is static False. Containment is Not Specified.]

OPERATIONS

◆ atualizarDados (dataAtualizacao : Date , estadoAnterior : Integer , estadoAtual : Integer) : void Public

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

SolicitacaoDeTrocaDeEquipamento

Class in package 'Classes Manuais'

Classe criada para manter as funcionalidades de solicitações de troca de equipamento.

SolicitacaoDeTrocaDeEquipamento
Version 1.0 Phase 1.0 Proposed
Eits created on 09/10/2017. Last modified 19/10/2017

INCOMING STRUCTURAL RELATIONSHIPS

➡ Aggregation from CategoriaDeEquipamento to SolicitacaoDeTrocaDeEquipamento

[Direction is 'Source -> Destination'.]

➡ Aggregation from TipoDeOperacao to SolicitacaoDeTrocaDeEquipamento

[Direction is 'Source -> Destination'.]

➡ Aggregation from Historico to SolicitacaoDeTrocaDeEquipamento

[Direction is 'Source -> Destination'.]

ATTRIBUTES

◆ dataAprovacao : Date Private

[Is static False. Containment is Not Specified.]

◆ dataCancelar : Date Private

[Is static False. Containment is Not Specified.]

◆ dataCriacao : Date Private

[Is static False. Containment is Not Specified.]

◆ dataFinalizacao : Date Private

[Is static False. Containment is Not Specified.]

◆ dataPrazoAtendimento : Date Private

[Is static False. Containment is Not Specified.]

ATTRIBUTES

◆ dataRecusa : Date Private

[Is static False. Containment is Not Specified.]

◆ equipamento : String Private

[Is static False. Containment is Not Specified.]

◆ estado : Integer Private

[Is static False. Containment is Not Specified.]

◆ justificarCancelar : String Private

[Is static False. Containment is Not Specified.]

◆ justificarRecusar : String Private

[Is static False. Containment is Not Specified.]

◆ justificativaSolicitacao : String Private

[Is static False. Containment is Not Specified.]

◆ observacaoFinalizar : String Private

[Is static False. Containment is Not Specified.]

◆ prioridadeDeSolicitacao : Integer Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏. Association (direction: Unspecified)

Source: Public (Class) SolicitacaoDeTrocaDeEquipamento
   Cardinality: [1..*]

Target: Public (Enumeration) EstadoSolicitacao
   Cardinality: [1]

✏. Association (direction: Unspecified)

Source: Public (Class) SolicitacaoDeTrocaDeEquipamento
   Cardinality: [0..*]

Target: Public (Enumeration) Prioridade
   Cardinality: [1]

✏. Association (direction: Unspecified)

Source: Public (Class) Usuario
   Cardinality: [1]

Target: Public (Class)
SolicitacaoDeTrocaDeEquipamento
   Cardinality: [0..*]

OPERATIONS

◆ alterarSolicitcao (solicitcaoObjeto : Object) : void Public

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

OPERATIONS

◆ aprovarSolicitcao (justificativa : String , dataAtendimento : Date) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ cadastrarSolicitacao (solicitacaoObjeto : Object) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ cancelarSolicitacao (justificativa : String) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ concluirSolicitacao (observacao : String , dataExecucao : Date) : void Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ consultarSolicitacoes (palavra : String , categoria : Integer , estado : Integer , dataRegistroInicial : Date , dataRegistroFinal : Date , prioridadeSolicitacao : Integer , dataAtendimentoInicial : Date , dataAtendimentoFinal : Date , tipoOperacao : Integer , prioridadeCategoria : Integer) : List Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ excluirSolicitacao (solicitacaoId : Integer) : 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.]

◆ validarExclusao (solicitacao : Integer) : Boolean Public
[Is static False. Is abstract False. Is return array False. Is query False. Is synchronized False.]

◆ validarFormulario (equipamento : String , categoria : Integer , operacao : Integer , prazoAtendimento : Date , justificativa : String) : Boolean Public
[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.]

Usuario

Class in package 'Classes Manuais'

Classe que representa o usuário do sistema

Usuario
Version 1.0 Phase 1.0 Proposed
Eits created on 09/10/2017. Last modified 17/10/2017

ATTRIBUTES

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

ATTRIBUTES

◆ senha : String Private

[Is static False. Containment is Not Specified.]

ASSOCIATIONS

🖉 _Association (direction: Unspecified)_

Source: Public (Class) Usuario
   Cardinality: [1]

Target: Public (Class)
SolicitacaoDeTrocaDeEquipamento
   Cardinality: [0..*]

EstadoSolicitacao

Enumeration in package 'Classes Manuais'

Descreve o status que a solicitação do usuário pode assumir.

EstadoSolicitacao
Version 1.0 Phase 1.0 Proposed
Eits created on 09/10/2017. Last modified 19/10/2017

ATTRIBUTES

◆ SOLICITADA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ APROVADA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ RECUSADA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ CANCELADA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ CONCLUIDA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

ASSOCIATIONS

🖉 _Association (direction: Unspecified)_

Source: Public (Class) SolicitacaoDeTrocaDeEquipamento
   Cardinality: [1..*]

Target: Public (Enumeration) EstadoSolicitacao
   Cardinality: [1]

Prioridade

Enumeration in package 'Classes Manuais'

Valores estáticos que podem ser atribuídos ao objeto de Categoria de Equipamento.

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Prioridade
Version 1.0 Phase 1.0 Proposed
Eits created on 09/10/2017. Last modified 19/10/2017

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ATTRIBUTES

◆ IMEDIATA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ ALTA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ URGENTE : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ NORMAL : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ BAIXA : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

ASSOCIATIONS

✏ Association (direction: Unspecified)

Source: Public (Class) CategoriaDeEquipamento   Target: Public (Enumeration) Prioridade
Cardinality: [0..*]   Cardinality: [1]

✏ Association (direction: Unspecified)

Source: Public (Class) SolicitacaoDeTrocaDeEquipamento   Target: Public (Enumeration) Prioridade
Cardinality: [0..*]   Cardinality: [1]

TipoDeOperacao

Enumeration in package 'Classes Manuais'

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TipoDeOperacao
Version 1.0 Phase 1.0 Proposed
Eits created on 19/10/2017. Last modified 19/10/2017

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OUTGOING STRUCTURAL RELATIONSHIPS

⬅ Aggregation from TipoDeOperacao to SolicitacaoDeTrocaDeEquipamento

[Direction is 'Source -> Destination'.]

ATTRIBUTES

◆ AQUISICAO : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

◆ MANUTENCAO : enum Public

[Stereotype is «enum». Is static False. Containment is Not Specified.]

ATTRIBUTES