# **Documento de Requisitos**

Modelo

Versão 1.0

criado por NeoRadcliffe em 12/09/2014. Última modificação 12/09/2014

## **Documento de Requisitos**

Test Model

Versão 1.0

criado por em 12/09/2014. Última modificação 12/09/2014

### **Test Model diagram**

*Custom diagram in package 'Test Model'*

Test Model

Version 1.0

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014



1. Test Model

## **Documento de Requisitos**

Requirements

Versão 1.0

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### **Requirements diagram**

*Custom diagram in package 'Requirements'*

Requirements

Version 1.0

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1. Requirements

### **REQ01- Cadastro de funcionários**

*Requirement «Functional» in package 'Requirements'*

O sistema deverá armazenar os seguintes dados de cada funcionário: Nome, RG, CPF, Data de Nascimento, Endereço, Escolaridade, Profissão, Foto, Função e Status.

REQ01- Cadastro de funcionários

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

### **REQ02 – Gerenciamento de mensalidades**

*Requirement «Functional» in package 'Requirements'*

O sistema deverá gerar as cobranças de mensalidade e fazer o bloqueio de inadimplentes automaticamente. Além de guardar todas as informações do aluno como: seus dados, pagamentos, matrícula, frequência e sua ficha.

REQ02 – Gerenciamento de mensalidades

Version 1.0 Phase 1.0 Proposed

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| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ09 – Controle de acesso : Requirement, Public  To: REQ02 – Gerenciamento de mensalidades : Requirement, Public |

### **REQ03 – Controle de avaliação**

*Requirement «Functional» in package 'Requirements'*

O sistema deve ser capaz de realizar, comparar e gerenciar a avaliação física de todos os alunos da academia.

REQ03 – Controle de avaliação

Version 1.0 Phase 1.0 Proposed

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| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ03 – Controle de avaliação : Requirement, Public  To: REQ07 – Cadastro de alunos : Requirement, Public |

### **REQ04 – Prescrição de treinos**

*Requirement «Functional» in package 'Requirements'*

O sistema deve ser capaz de montar, imprimir e acompanhar facilmente a ficha de treinamento dos seus alunos pelo computador.

REQ04 – Prescrição de treinos

Version 1.0 Phase 1.0 Proposed

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| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ04 – Prescrição de treinos : Requirement, Public  To: REQ07 – Cadastro de alunos : Requirement, Public |

### **REQ05 – Controle de Turmas**

*Requirement «Functional» in package 'Requirements'*

O sistema deverá controlar todas as turmas de todas as atividades realizadas em uma sala.

REQ05 – Controle de Turmas

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ06 – Consulta quadro de horários : Requirement, Public  To: REQ05 – Controle de Turmas : Requirement, Public |

### **REQ06 – Consulta quadro de horários**

*Requirement «Functional» in package 'Requirements'*

O sistema deverá disponibilizar um quadro com todos os horários de todas as modalidades da academia, além de informações como: sala, professor, dia da semana, limite de alunos.

REQ06 – Consulta quadro de horários

Version 1.0 Phase 1.0 Proposed

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| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ06 – Consulta quadro de horários : Requirement, Public  To: REQ08 – Controle de equipamentos : Requirement, Public |

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| **Dependency** Source -> Destination  From: REQ06 – Consulta quadro de horários : Requirement, Public  To: REQ05 – Controle de Turmas : Requirement, Public |

### **REQ07 – Cadastro de alunos**

*Requirement «Functional» in package 'Requirements'*

O sistema deverá armazenar os seguintes dados de cada aluno: Nome, RG, CPF, Data de Nascimento, Endereço, Escolaridade, Profissão, Foto, Status e todas as fichas de avaliações realizadas na academia. Alem de manter armazenado o histórico de todas as academias que o aluno frequentou e as atividades nelas desenvolvidas

REQ07 – Cadastro de alunos

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ04 – Prescrição de treinos : Requirement, Public  To: REQ07 – Cadastro de alunos : Requirement, Public |

|  |
| --- |
| **Dependency** Source -> Destination  From: REQ03 – Controle de avaliação : Requirement, Public  To: REQ07 – Cadastro de alunos : Requirement, Public |

### **REQ08 – Controle de equipamentos**

*Requirement «Functional» in package 'Requirements'*

O sistema deverá cadastrar todos os equipamentos da academia.

REQ08 – Controle de equipamentos

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ06 – Consulta quadro de horários : Requirement, Public  To: REQ08 – Controle de equipamentos : Requirement, Public |

### **REQ09 – Controle de acesso**

*Requirement «Functional» in package 'Requirements'*

O sistema deve ser capaz de monitorar em tempo real quem entra e quem sai da academia. Além do bloqueia automaticamente os alunos em débito ou com exame vencido.

REQ09 – Controle de acesso

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **CONNECTORS** |
| --- |
| **Dependency** Source -> Destination  From: REQ09 – Controle de acesso : Requirement, Public  To: REQ02 – Gerenciamento de mensalidades : Requirement, Public |

## **Documento de Requisitos**

Analysis View

Versão 1.0

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### **Analysis View diagram**

*Analysis diagram in package 'Analysis View'*

Analysis View

Version 1.0

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1. Analysis View

## **Documento de Requisitos**

Use Case View

Versão 1.0

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### **Diagrama de Caso de Uso diagram**

*Use Case diagram in package 'Use Case View'*

Diagrama de Caso de Uso

Version 1.0

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014



1. Diagrama de Caso de Uso

### **Administrador**

*Actor in package 'Use Case View'*

Administrador

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Administrador | Target: Public (UseCase) Gerenciamento de mensalidades |

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| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Administrador | Target: Public (UseCase) Cadastro de funcionários |

### **Aluno**

*Actor in package 'Use Case View'*

Aluno

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Aluno | Target: Public (UseCase) Consulta quadro de horários |

### **Instrutor**

*Actor in package 'Use Case View'*

Instrutor

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Instrutor | Target: Public (UseCase) Prescrição de treinos |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Instrutor | Target: Public (UseCase) Controle de avaliação |

### **Professor**

*Actor in package 'Use Case View'*

Professor

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Professor | Target: Public (UseCase) Controle de Turmas |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Professor | Target: Public (UseCase) Consulta quadro de horários |

### **Recepcionista**

*Actor in package 'Use Case View'*

Recepcionista

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Recepcionista | Target: Public (UseCase) Controle de acesso |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Recepcionista | Target: Public (UseCase) Controle de equipamentos |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Recepcionista | Target: Public (UseCase) Cadastro de alunos |

### **Cadastro de alunos**

*UseCase in package 'Use Case View'*

Cadastro de alunos

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Recepcionista | Target: Public (UseCase) Cadastro de alunos |

### **Cadastro de funcionários**

*UseCase in package 'Use Case View'*

Cadastro de funcionários

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Administrador | Target: Public (UseCase) Cadastro de funcionários |

### **Consulta quadro de horários**

*UseCase in package 'Use Case View'*

Consulta quadro de horários

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Aluno | Target: Public (UseCase) Consulta quadro de horários |

|  |  |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Professor | Target: Public (UseCase) Consulta quadro de horários |

### **Controle de Turmas**

*UseCase in package 'Use Case View'*

Controle de Turmas

Version 1.0 Phase 1.0 Proposed

NeoRadcliffe created on 12/09/2014. Last modified 12/09/2014

| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Professor | Target: Public (UseCase) Controle de Turmas |

### **Controle de acesso**

*UseCase in package 'Use Case View'*

Controle de acesso

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Recepcionista | Target: Public (UseCase) Controle de acesso |

### **Controle de avaliação**

*UseCase in package 'Use Case View'*

Controle de avaliação

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Instrutor | Target: Public (UseCase) Controle de avaliação |

### **Controle de equipamentos**

*UseCase in package 'Use Case View'*

Controle de equipamentos

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Recepcionista | Target: Public (UseCase) Controle de equipamentos |

### **Gerenciamento de mensalidades**

*UseCase in package 'Use Case View'*

Gerenciamento de mensalidades

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Administrador | Target: Public (UseCase) Gerenciamento de mensalidades |

### **Prescrição de treinos**

*UseCase in package 'Use Case View'*

Prescrição de treinos

Version 1.0 Phase 1.0 Proposed

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| **ASSOCIATIONS** | |
| --- | --- |
| Association (direction: Unspecified) | |
| Source: Public (Actor) Instrutor | Target: Public (UseCase) Prescrição de treinos |

## **Documento de Requisitos**

Dynamic View

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### **Dynamic View diagram**

*InteractionOverview diagram in package 'Dynamic View'*

Dynamic View

Version 1.0

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1. Dynamic View

## **Documento de Requisitos**

Logical View

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### **Logical View diagram**

*Class diagram in package 'Logical View'*

Logical View

Version 1.0

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1. Logical View

## **Documento de Requisitos**

Component View

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### **Component View diagram**

*Component diagram in package 'Component View'*

Component View

Version 1.0

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1. Component View

## **Documento de Requisitos**

Deployment View

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### **Deployment View diagram**

*Deployment diagram in package 'Deployment View'*

Deployment View

Version 1.0

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1. Deployment View