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Model Documentation

Model Detail

This document provides a complete overview of all element details. For simpler and more focused reports, simply copy this initial template and turn off the sections not required.

Model

<i>Type:</i>	<u>Package</u>
<i>Status:</i>	Proposed. Version . Phase 1.0.
<i>Package:</i>	
<i>Detail:</i>	<i>Created on 20/10/2014. Last modified on 20/10/2014</i>
<i>GUID:</i>	{8CCA6939-14B9-47bc-8CA2-A081AAEF4B40}

Use Case View

<i>Type:</i>	<u>Package</u>
<i>Status:</i>	Proposed. Version . Phase 1.0.
<i>Package:</i>	Model
<i>Detail:</i>	<i>Created on 19/10/2014. Last modified on 19/10/2014</i>
<i>GUID:</i>	{D002978A-277A-4381-907E-9B6E1CBE7973}

Use Case View - (Use Case diagram)

<i>Created By:</i>	zikoc_000 on 19/11/2005
<i>Last Modified:</i>	20/10/2014
<i>Version:</i>	1.0. <i>Locked:</i> False
<i>GUID:</i>	{30E26630-EFEA-477f-B019-EA87522762B9}

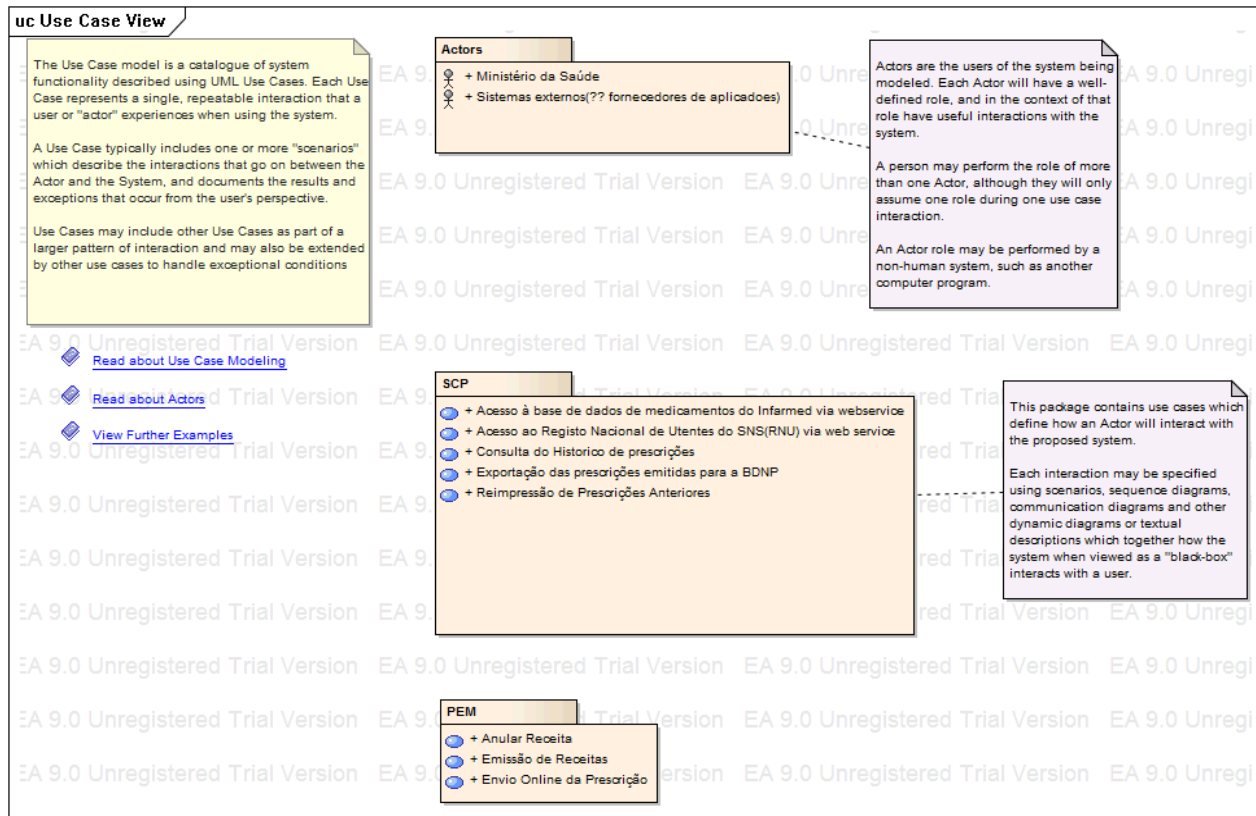


Figure: 1

<anonymous>*Type:***Note***Status:*

Proposed. Version 1.0. Phase 1.0.

*Package:*Use Case View *Keywords:**Detail:*

Created on 05/01/2006. Last modified on 05/01/2006.

GUID:

{B2C1729A-D728-455e-8649-DE8A368CC7B1}

This package contains use cases which define how an Actor will interact with the proposed system.

Each interaction may be specified using scenarios, sequence diagrams, communication diagrams and other dynamic diagrams or textual descriptions which together how the system when viewed as a "black-box" interacts with a user.

Connections

Connector	Source	Target	Notes
<u>NoteLink</u>	Public SCP	Public <anonymous>	

<anonymous>

Type: Note
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View **Keywords:**
Detail: Created on 05/01/2006. Last modified on 05/01/2006.
GUID: {0005A6BB-B725-4e16-9858-66DD076D6CFE}

Actors are the users of the system being modeled. Each Actor will have a well-defined role, and in the context of that role have useful interactions with the system.

A person may perform the role of more than one Actor, although they will only assume one role during one use case interaction.

An Actor role may be performed by a non-human system, such as another computer program.

Connections

Connector	Source	Target	Notes
<u>NoteLink</u>	Public Actors	Public <anonymous>	

Note

Type: Note
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View **Keywords:**
Detail: Created on 19/11/2005. Last modified on 05/01/2006.
GUID: {39B09D1B-7759-479f-8C64-9E282E9EDF2D}

The Use Case model is a catalogue of system functionality described using UML Use Cases. Each Use Case represents a single, repeatable interaction that a user or "actor" experiences when using the system.

A Use Case typically includes one or more "scenarios" which describe the interactions that go on between the Actor and the System, and documents the results and exceptions that occur from the user's perspective.

Use Cases may include other Use Cases as part of a larger pattern of interaction and may also be extended by other use cases to handle exceptional conditions

\$help://actor.htm

Type: Text
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View **Keywords:**
Detail: Created on 19/11/2005. Last modified on 19/11/2005.
GUID: {408C5E8E-3C26-450c-B897-B1BEE5B2D63A}

\$help://use_case_model_pattern.htm

Type: Text
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View *Keywords:*
Detail: Created on 19/11/2005. Last modified on 10/01/2006.
GUID: {8E5BB285-6697-40a9-91B1-B07F8DE3737D}

\$help://usecasediagram.htm

Type: Text
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View *Keywords:*
Detail: Created on 19/12/2005. Last modified on 10/01/2006.
GUID: {D718E265-0039-4314-8507-6AA7C946026D}

Actors

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View
Detail: Created on 19/11/2005. Last modified on 19/11/2005
GUID: {12D93583-869F-4b4b-AEB9-7741596EB9C8}

Actors - (Use Case diagram)

Created By: zikoc_000 on 19/11/2005
Last Modified: 20/10/2014
Version: 1.0. *Locked:* False
GUID: {BBBC173D-0BD2-4def-803D-7AF048A54DEF}

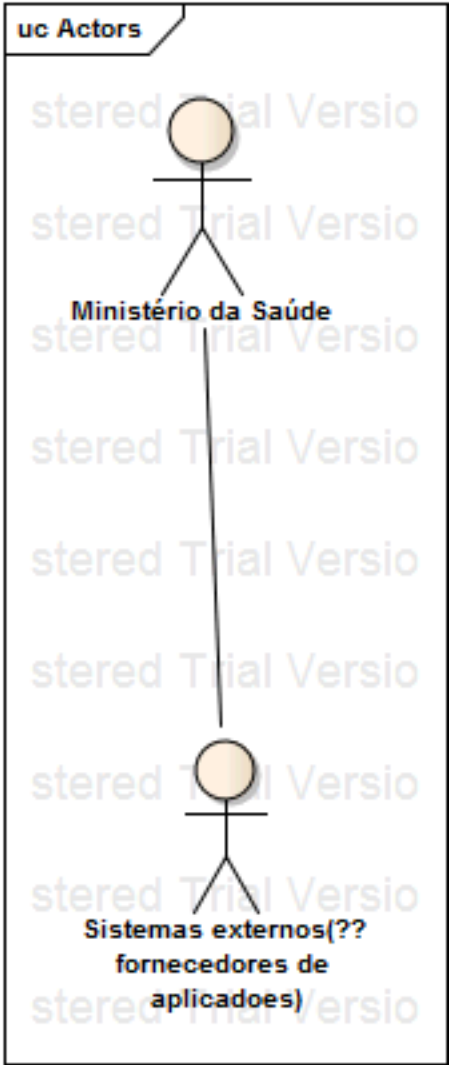


Figure: 2

Ministério da Saúde

Type: **Actor**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Actors *Keywords:*
Detail: Created on 19/11/2005. Last modified on 20/10/2014.
GUID: {CC94292A-2EB2-4f60-B6B5-3633814BFD17}

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Reimpressão de Prescrições Anteriores	

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Emissão de Receitas	
Association Unspecified	Public Sistemas externos(?? fornecedores de aplicadoes)	Public Ministério da Saúde	
Association Unspecified	Public Ministério da Saúde	Public Anular Receita	
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service	
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Consulta do Historico de prescrições	
Sequence Source -> Destination	Public Ministério da Saúde	Public Exportação das prescrições emitidas para a BDNP	
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Acesso à base de dados de medicamentos do Infarmed via webservice	
NoteLink Source -> Destination	Public <anonymous>	Public Ministério da Saúde	
Association Unspecified	Public Ministério da Saúde	Public Exportação das prescrições emitidas para a BDNP	
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Envio Online da Prescrição	
Sequence Source -> Destination	Public Ministério da Saúde	Public Emissão de Receitas	
Sequence Source -> Destination	Public Ministério da Saúde	Public Envio Online	
Sequence Source -> Destination	Public Ministério da Saúde	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web	

Connector	Source	Target	Notes
		service	
Sequence Source -> Destination	Public Ministério da Saúde	Public Acesso à base de dados de medicamentos do Infarmed via webservice	
Sequence Source -> Destination	Public Ministério da Saúde	Public Anular Receita	
Sequence Source -> Destination	Public Ministério da Saúde	Public Consulta do Historico de prescrições	
Sequence Source -> Destination	Public Ministério da Saúde	Public Exportação das prescrições emitidas para a BDNP	
Sequence Source -> Destination	Public Ministério da Saúde	Public Reimpressão de prescrições anteriores	

Sistemas externos(?? fornecedores de aplicadoes)

Type: **Actor**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Actors **Keywords:**
Detail: Created on 19/10/2014. Last modified on 19/10/2014.
GUID: {FFFA66F0-9191-47e2-824F-0486CBF66088}

Connections

Connector	Source	Target	Notes
Association Unspecified	Public Sistemas externos(?? fornecedores de aplicadoes)	Public Ministério da Saúde	
NoteLink Source -> Destination	Public <anonymous>	Public Sistemas externos(?? fornecedores de aplicadoes)	

PEM

Type: **Package**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View
Detail: Created on 20/10/2014. Last modified on 20/10/2014
GUID: {941F0047-5C6E-4289-B3CB-C9CD3472421B}

PEM - (Use Case diagram)

Created By: zikoc_000 on 20/10/2014
Last Modified: 20/10/2014
Version: 1.0. **Locked:** False
GUID: {A913FEA3-2CDB-4b30-8510-6EC4EE809E96}

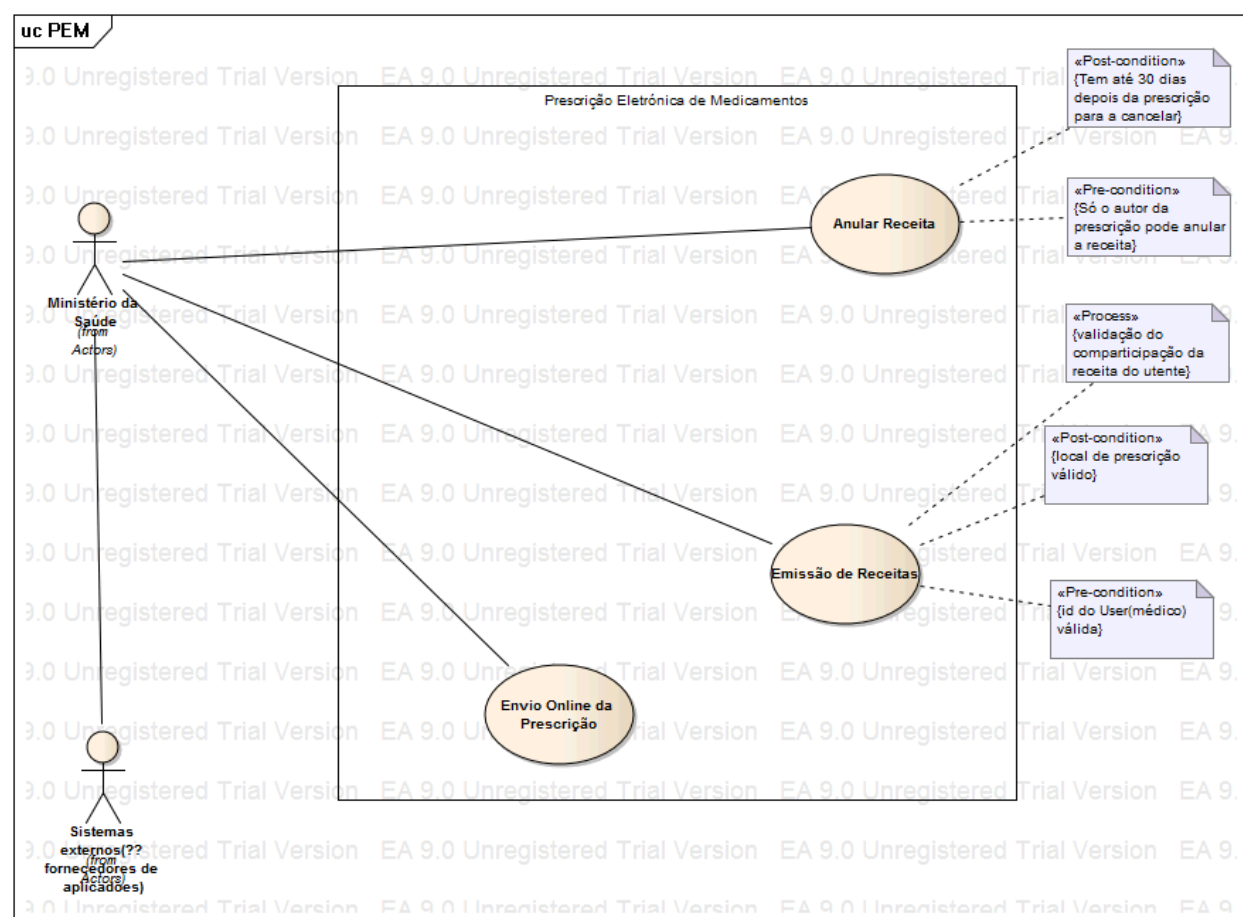


Figure: 3

Anular Receita

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: PEM **Keywords:**
Detail: Created on 19/10/2014. Last modified on 20/10/2014.
GUID: {08BEB20F-F29B-42b5-8380-48BCE6674B9B}

Constraints

- Só o autor da prescrição pode anular: (*Invariant, Status is Approved*)
- Tem até 30 dias depois data de prescrição: (*Invariant, Status is Approved*)

Connections

Connector	Source	Target	Notes
NoteLink Source -> Destination	Public <anonymous>	Public Anular Receita	
NoteLink Source -> Destination	Public <anonymous>	Public Anular Receita	
Association Unspecified	Public Ministério da Saúde	Public Anular Receita	
NoteLink Source -> Destination	Public <anonymous>	Public Anular Receita	
NoteLink Source -> Destination	Public <anonymous>	Public Anular Receita	

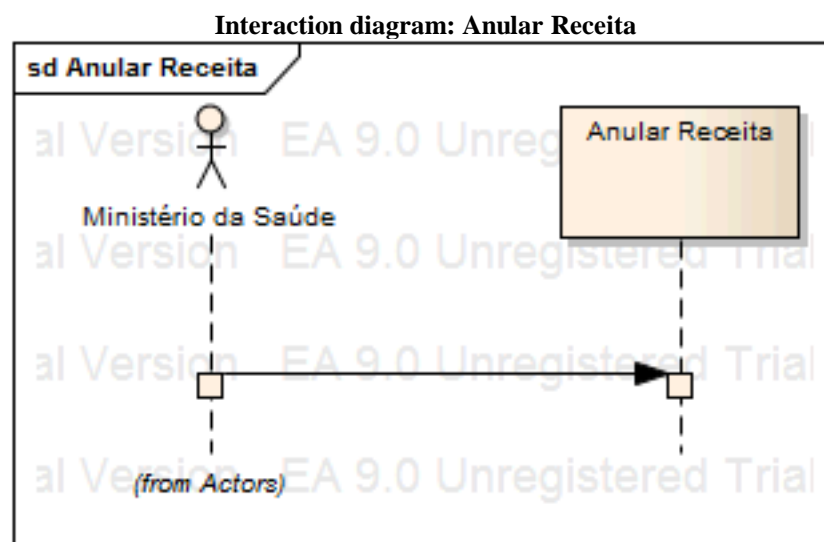


Figure: 4

Anular Receita

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: PEM **Keywords:**
Detail: Created on 20/10/2014. Last modified on 20/10/2014.
GUID: {C3C7B830-10F7-4e08-9490-7B4F10F0DCA2}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Anular Receita	

Emissão de Receitas

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: PEM **Keywords:**
Detail: Created on 19/11/2005. Last modified on 20/10/2014.
GUID: {E08B39FD-8953-4017-B72B-6EFEED247FF2}

Constraints

- id do User(médico) válida: (*Pre-condition, Status is Approved*)
- local de prescrição válido: (*Post-condition, Status is Approved*)
- validação do comparticipação da receita do utente : (*Process, Status is Approved*)

Scenarios

- Basic Path - Basic Path

Notes

1. O user acede ao website
2. Faz login com sucesso
3. Selecciona a opção prescrição eletrónica
4. O user preenche o local de prescrição
5. O user preenche oNome do utente
6. O user preenche os Medicamentos
7. O user preenche a Posologia
8. O user preenche outras informações
9. O user imprime
10. O user guarda

Connections

Connector	Source	Target	Notes
<u>UseCaseLink</u> Source -> Destination	Public Ministério da Saúde	Public Emissão de Receitas	
<u>NoteLink</u> Source -> Destination	Public <anonymous>	Public Emissão de Receitas	
<u>NoteLink</u> Source -> Destination	Public <anonymous>	Public Emissão de Receitas	
<u>NoteLink</u> Source -> Destination	Public <anonymous>	Public Emissão de Receitas	
<u>NoteLink</u> Source -> Destination	Public <anonymous>	Public Emissão de Receitas	
<u>NoteLink</u> Source -> Destination	Public <anonymous>	Public Emissão de Receitas	
<u>NoteLink</u> Source -> Destination	Public <anonymous>	Public Emissão de Receitas	

Interaction diagram: Emissão de Receitas



Figure: 5

Emissão de Receitas

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: PEM **Keywords:**
Detail: Created on 05/01/2006. Last modified on 20/10/2014.
GUID: {A804A84C-EFD6-42ff-A301-05A9C4D2CABC}

Connections

Connector	Source	Target	Notes
Sequence	Public	Public	

Connector	Source	Target	Notes
Source -> Destination	Ministério da Saúde	Emissão de Receitas	

Envio Online da Prescrição

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: PEM **Keywords:**
Detail: Created on 20/11/2005. Last modified on 20/10/2014.
GUID: {9B4D05C0-0620-424b-B4A6-894E61565FD3}

Scenarios

- Cenário Normal - Basic Path

Notes

1. O User vai ao website
2. O User faz o login com sucesso
3. O User submete a prescrição
4. O sistema valida a operacao

- Cenário Alternativo - Alternate

Notes

Avisar ques as prescrições devem ser enviadas para o SCP até ao segundo dia útil do mês seguinte.

- Cenário excepcional - Erro na submissao - Exception

Notes

Se houver algum erro no passo 4 é necessário notificar o User para resubmeter a prescrição

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Envio Online da Prescrição	

Interaction diagram: Envio Online da Prescrição

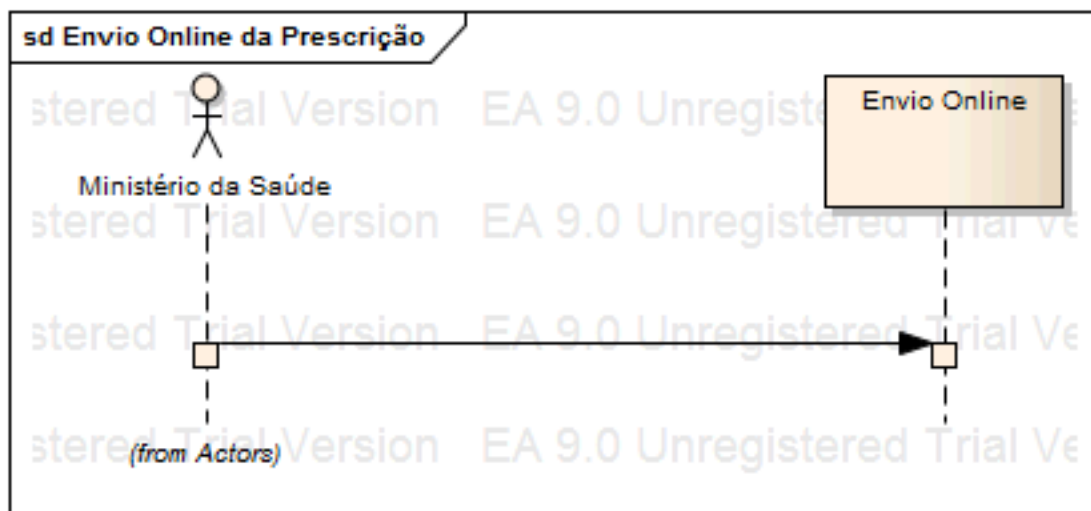


Figure: 6

Envio Online

Type: Sequence
Status: Proposed. Version 1.0. Phase 1.0.
Package: PEM **Keywords:**
Detail: Created on 20/10/2014. Last modified on 20/10/2014.
GUID: {B1B8EEA7-E0A2-4451-89CF-E46CFEF866BB}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Envio Online	

SCP

Type: Package
Status: Proposed. Version 1.0. Phase 1.0.
Package: Use Case View
Detail: Created on 19/11/2005. Last modified on 20/10/2014
GUID: {03814CC2-2849-46f1-9109-BDB48B958402}

SCP - (Use Case diagram)

Created By: zikoc_000 on 19/11/2005
Last Modified: 20/10/2014

Version: 1.0. *Locked:* False
 GUID: {636C95D0-F9B8-4585-A5E7-A45F893C0D2D}

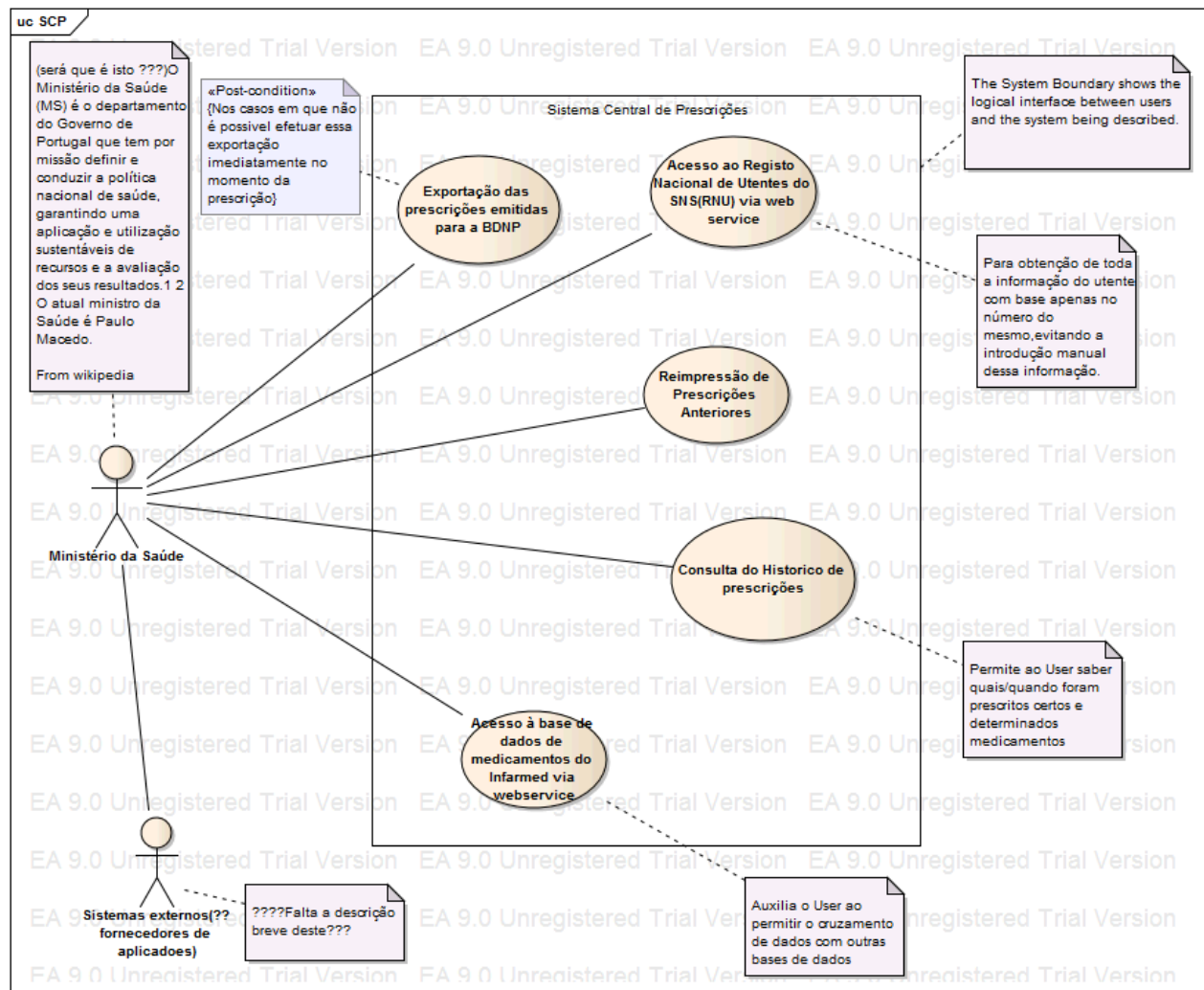


Figure: 7

Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service

Type: **UseCase**
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: SCP **Keywords:**
 Detail: Created on 19/10/2014. Last modified on 19/10/2014.
 GUID: {22D2034C-CBBF-4596-9FD7-EF9D41457FAA}

Scenarios

- Basic Path - Basic Path

Notes

1. O user acede ao website

Scenarios

2. Faz login com sucesso
3. Introduz o numero do Utente
4. Obtem toda a informação do Utente

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service	
NoteLink Source -> Destination	Public <anonymous>	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service	

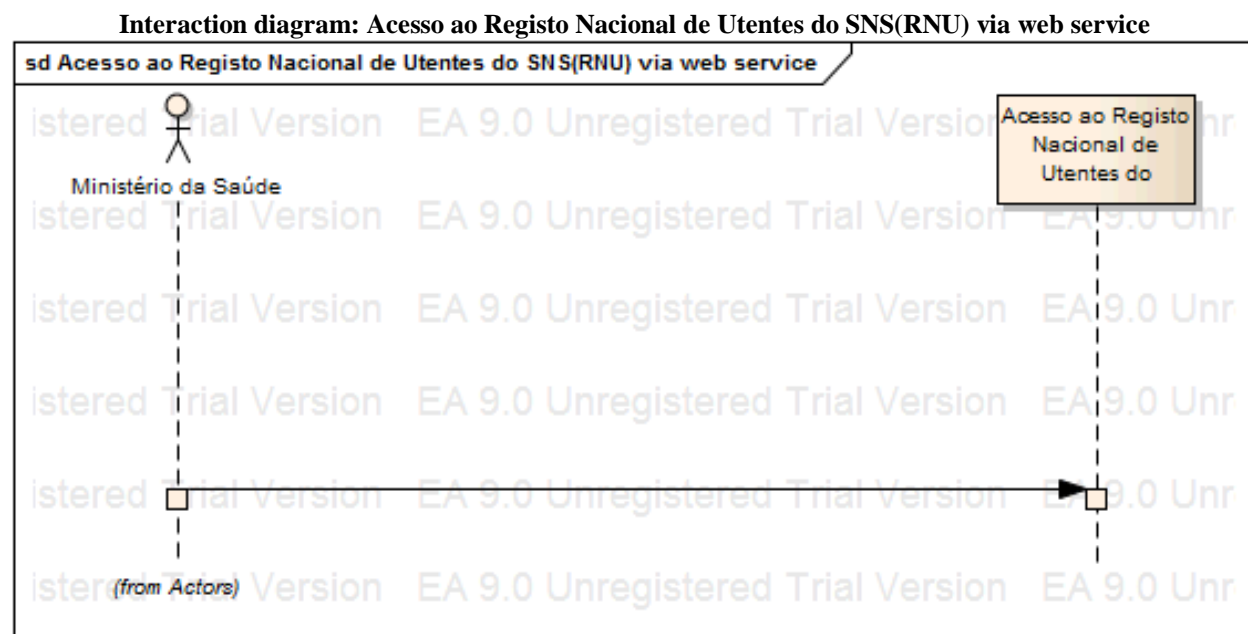


Figure: 8

Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service

Type: Sequence
 Status: Proposed. Version 1.0. Phase 1.0.
 Package: SCP *Keywords:*

Detail: Created on 20/10/2014. Last modified on 20/10/2014.
GUID: {84426B7D-C7AA-4c6a-AAD9-C32C06AD9BC0}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service	

Acesso à base de dados de medicamentos do Infarmed via webservice

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP *Keywords:*
Detail: Created on 19/10/2014. Last modified on 19/10/2014.
GUID: {0488B7D3-893F-4c64-8486-159E74FEFBAB}

Scenarios

- Basic Path - Basic Path

Notes

1. O user acede ao website
2. O user introduz o login com sucesso
3. Acede em tempo real à base de dados

- alternativa - Alternate

Notes

Deve ser permitida o download de uma versão para utilização "offline"

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Acesso à base de dados de medicamentos do Infarmed via webservice	
NoteLink Source -> Destination	Public <anonymous>	Public Acesso à base de dados de medicamentos do	

Connector	Source	Target	Notes
		Infarmed via webservice	

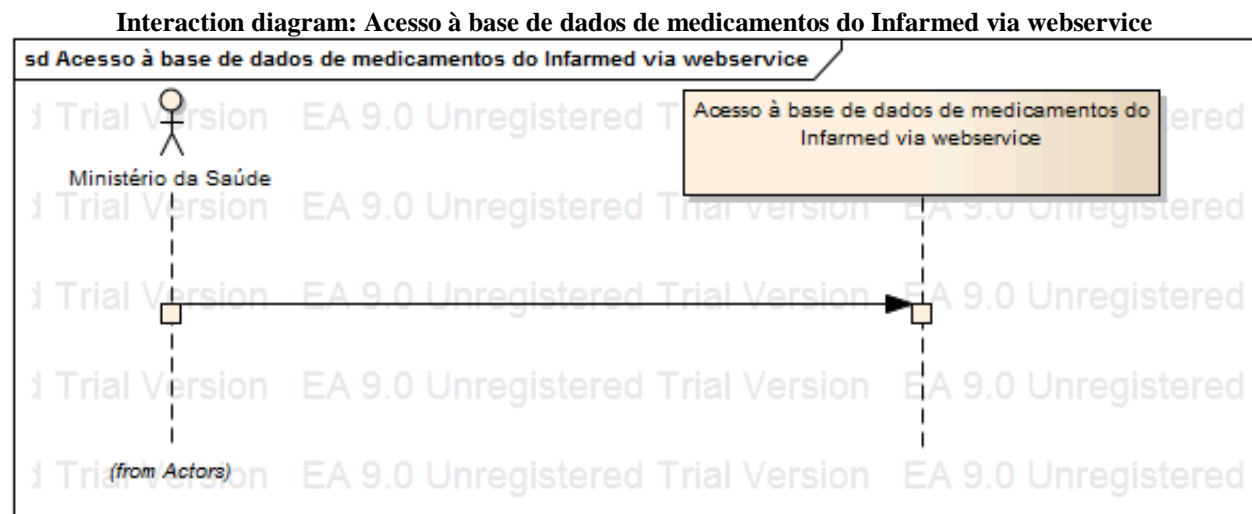


Figure: 9

Acesso à base de dados de medicamentos do Infarmed via webservice

Type: Sequence
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP **Keywords:**
Detail: Created on 20/10/2014. Last modified on 20/10/2014.
GUID: {4FC109E6-58F7-4f54-A0CC-BA2E6C09E202}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Acesso à base de dados de medicamentos do Infarmed via webservice	

Consulta do Historico de prescrições

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP **Keywords:**

Detail: Created on 19/10/2014. Last modified on 19/10/2014.
GUID: {4E578339-75A0-4ec2-959B-796644C87382}

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Consulta do Historico de prescrições	
NoteLink Source -> Destination	Public <anonymous>	Public Consulta do Historico de prescrições	

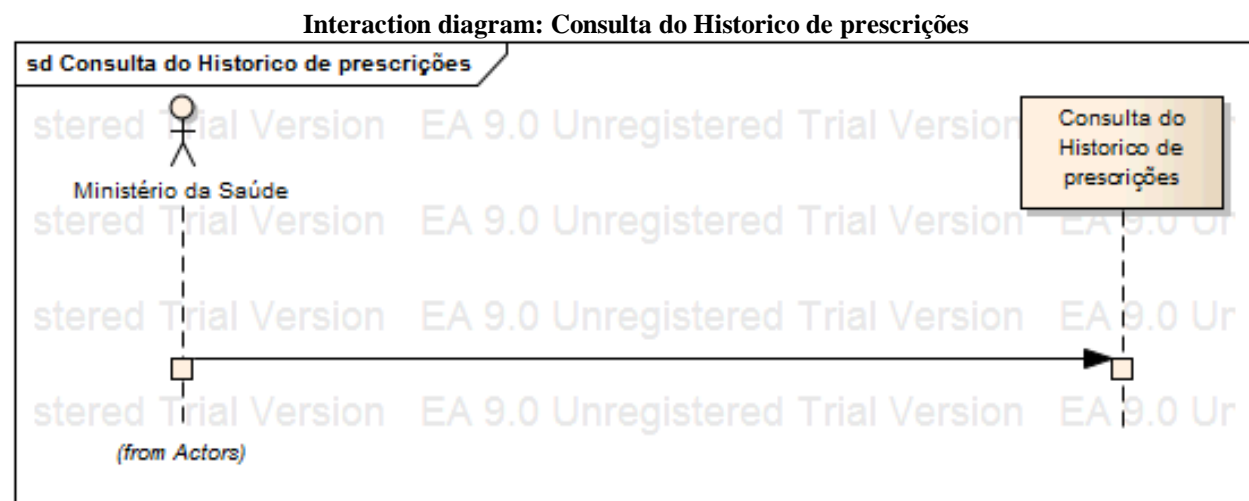


Figure: 10

Consulta do Historico de prescrições

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP *Keywords:*
Detail: Created on 20/10/2014. Last modified on 20/10/2014.
GUID: {7B2DF9BF-C618-4920-976A-B5723810E0B9}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Consulta do Historico	

Connector	Source	Target	Notes
		de prescrições	

Exportação das prescrições emitidas para a BDNP

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP **Keywords:**
Detail: Created on 19/10/2014. Last modified on 19/10/2014.
GUID: {79AA2FF6-9A31-47a7-A0EB-8DB5FC34570E}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Exportação das prescrições emitidas para a BDNP	
NoteLink Source -> Destination	Public <anonymous>	Public Exportação das prescrições emitidas para a BDNP	
Association Unspecified	Public Ministério da Saúde	Public Exportação das prescrições emitidas para a BDNP	

Interaction diagram: Exportação das prescrições emitidas para a BDNP

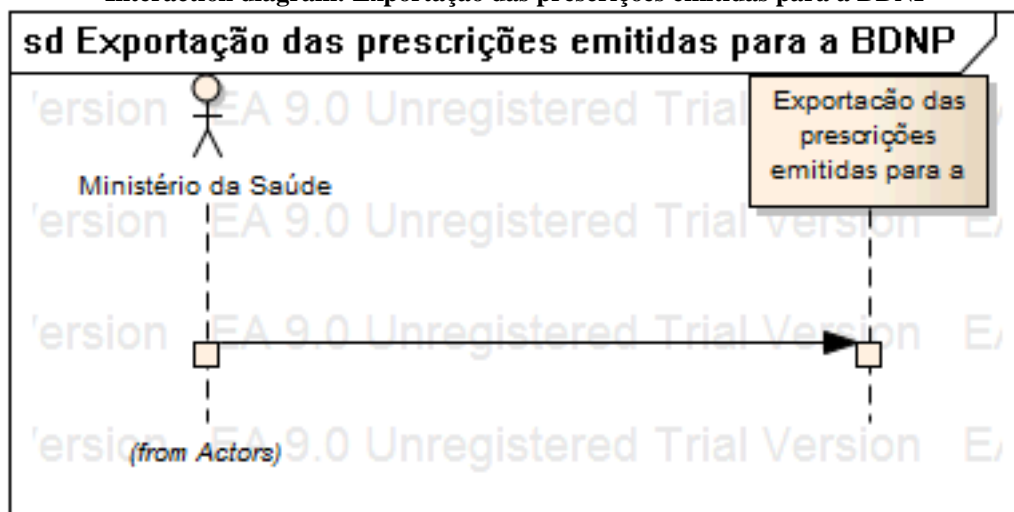


Figure: 11

Exportação das prescrições emitidas para a BDNP

Type: Sequence
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP **Keywords:**
Detail: Created on 20/10/2014. Last modified on 20/10/2014.
GUID: {DCA5656B-F0E7-4c22-B657-3E0B39DB4B2E}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Exportação das prescrições emitidas para a BDNP	

Reimpressão de Prescrições Anteriores

Type: UseCase
Status: Proposed. Version 1.0. Phase 1.0.
Package: SCP **Keywords:**
Detail: Created on 19/10/2014. Last modified on 20/10/2014.
GUID: {075D530B-E6AB-4e59-A1FF-E05F61DAE0E6}

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public Ministério da Saúde	Public Reimpressão de Prescrições Anteriores	

Interaction diagram: reimpressão de prescrições anteriores

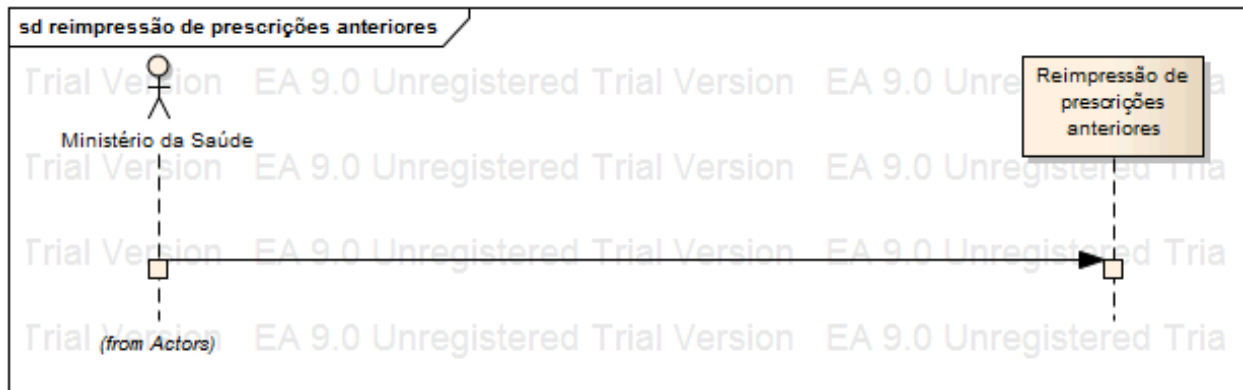


Figure: 12

Reimpressão de prescrições anteriores

Type:

Sequence

Status:

Proposed. Version 1.0. Phase 1.0.

Package:

SCP **Keywords:**

Detail:

Created on 20/10/2014. Last modified on 20/10/2014.

GUID:

{042E9F2E-91C4-42c6-B41B-CDFD51B545D1}

Connections

Connector	Source	Target	Notes
Sequence Source -> Destination	Public Ministério da Saúde	Public Reimpressão de prescrições anteriores	