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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

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

Use Case View

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

Use Case View - *(Use Case diagram)*
Created By: zikoc_000 *on* 19/11/2005
Last Modified: 19/10/2014
Version: 1.0. *Locked:* False
GUID: {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

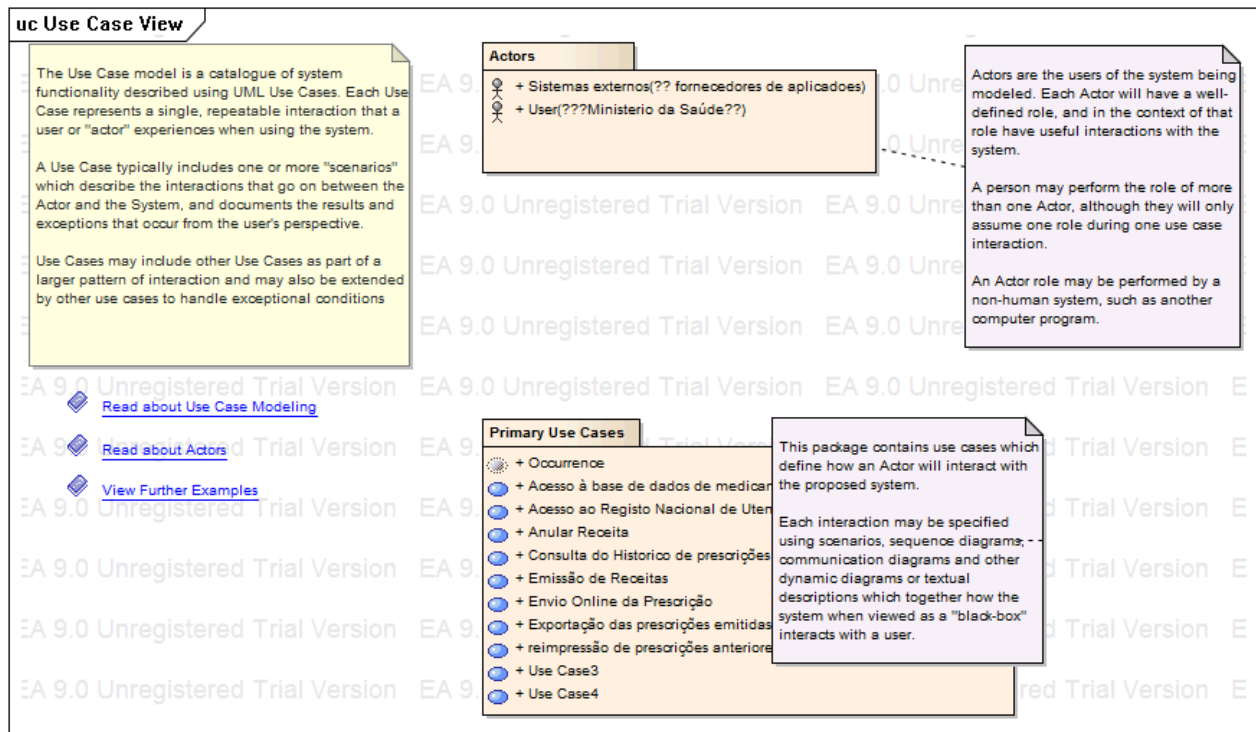| Connector	Source	Target	Notes
NoteLink	Public Primary Use Cases	Public <anonymous>	

<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
NoteLink	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: 19/10/2014
Version: 1.0. *Locked:* False
GUID: {BBBC173D-0BD2-4def-803D-7AF048A54DEF}
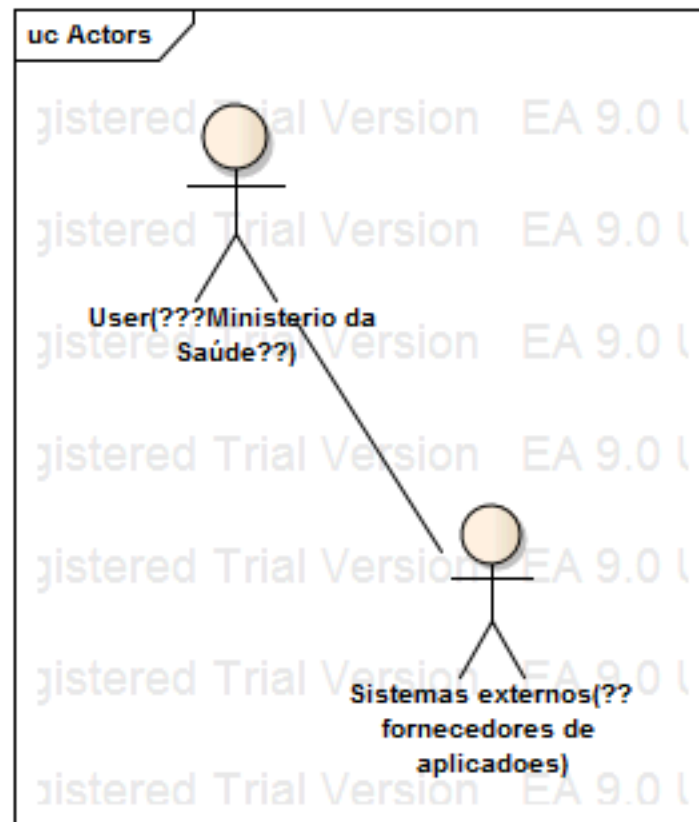
Figure: 2

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	Public	Public	
Unspecified	Sistemas externos(?? fornecedores de aplicadoes)	User(???Ministerio da Saúde??)	

User(???Ministerio da Saúde??)

Type: **Actor**
Status: Proposed. Version 1.0. Phase 1.0.

Package: Actors   *Keywords:*
Detail: *Created on 19/11/2005. Last modified on 19/10/2014.*
GUID: {CC94292A-2EB2-4f60-B6B5-3633814BFD17}

Connections

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

Connector	Source	Target	Notes
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Emissão de Receitas	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Envio Online	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Acesso à base de dados de medicamentos do Infarmed via webservice	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Anular Receita	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Consulta do Historico de prescrições	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Exportacão das prescrições emitidas para a BDNP	
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Reimpressão de prescrições anteriores	

Primary Use Cases

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: {03814CC2-2849-46f1-9109-BDB48B958402}

Primary Use Cases - *(Use Case diagram)*
Created By: zikoc_000 *on* 19/11/2005
Last Modified: 20/10/2014
Version: 1.0. *Locked:* False
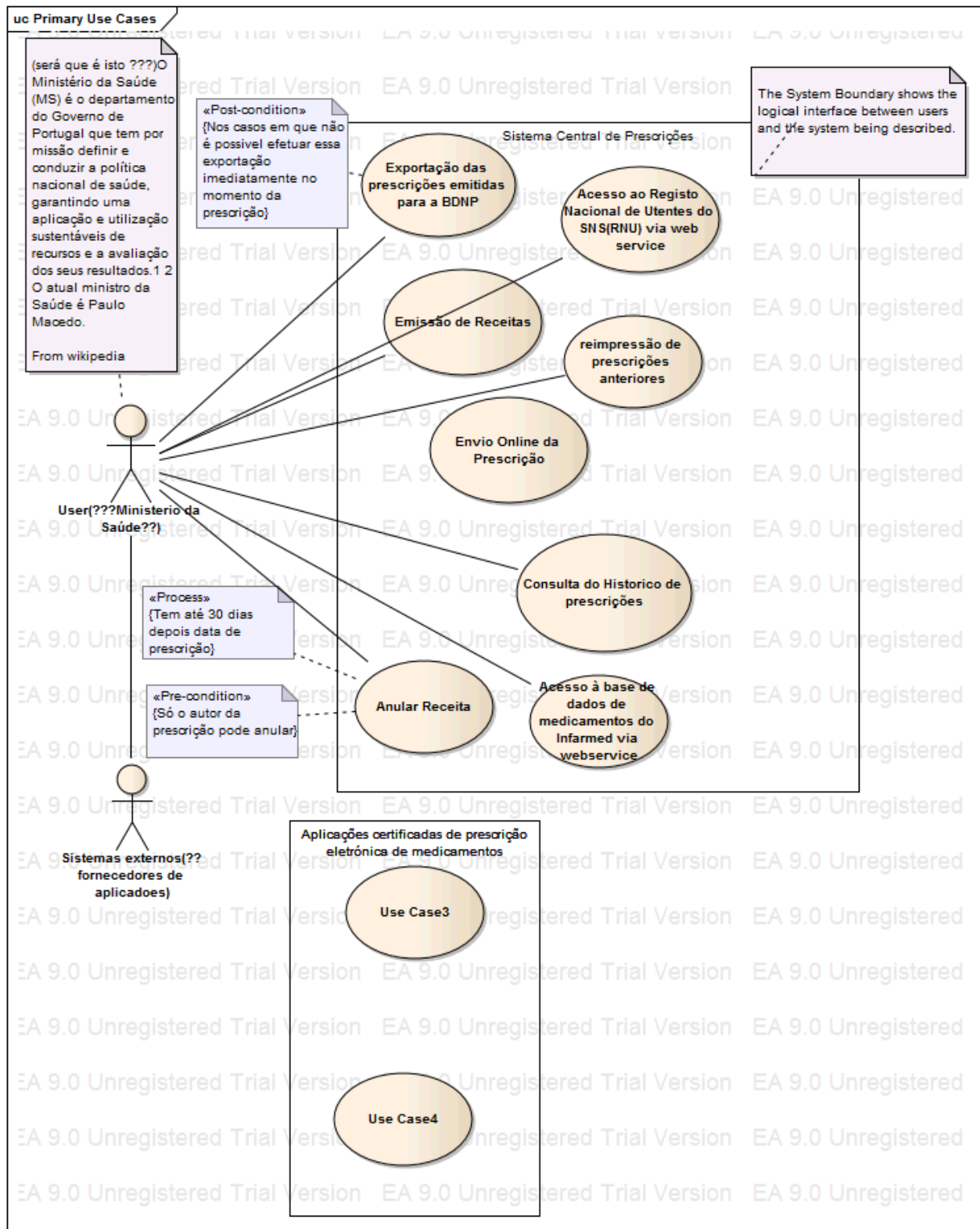
GUID: {636C95D0-F9B8-4585-A5E7-A45F893C0D2D}

Figure: 3

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

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *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
    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 User(???Ministerio da Saúde??)	Public Acesso ao Registo Nacional de Utentes do SNS(RNU) via web service	

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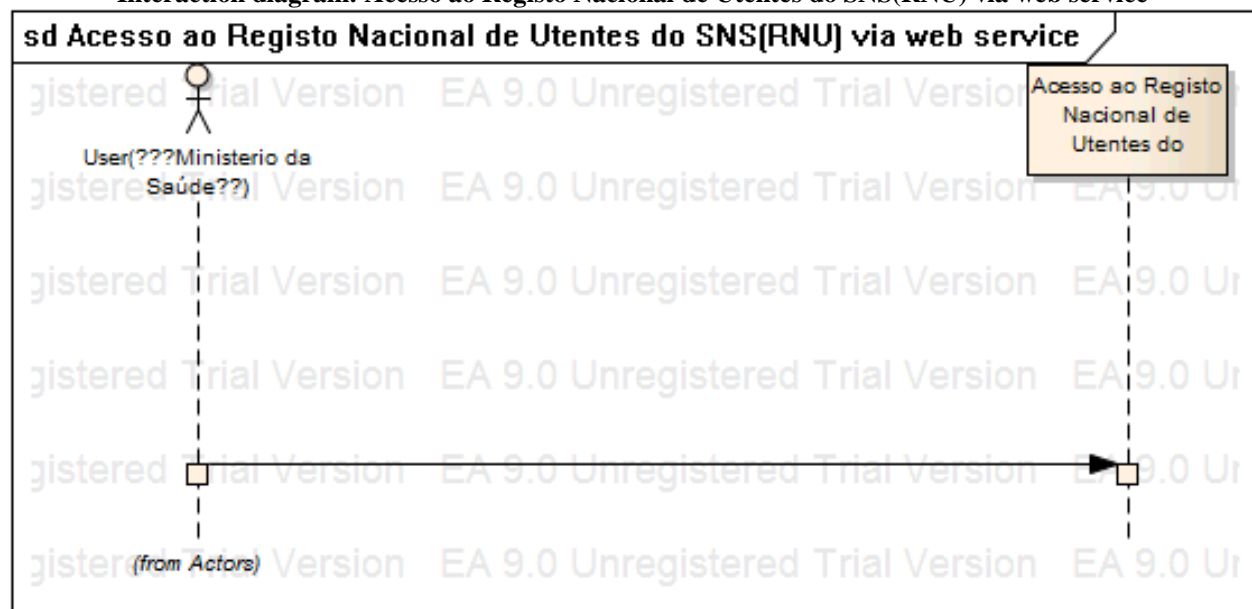

Figure: 4

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

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *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 User(???Ministerio 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: Primary Use Cases   *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

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public User(???Ministerio da Saúde??)	Public Acesso à base de dados de medicamentos do Infarmed via webservice	

Interaction diagram: Acesso à base de dados de medicamentos do Infarmed via webservice

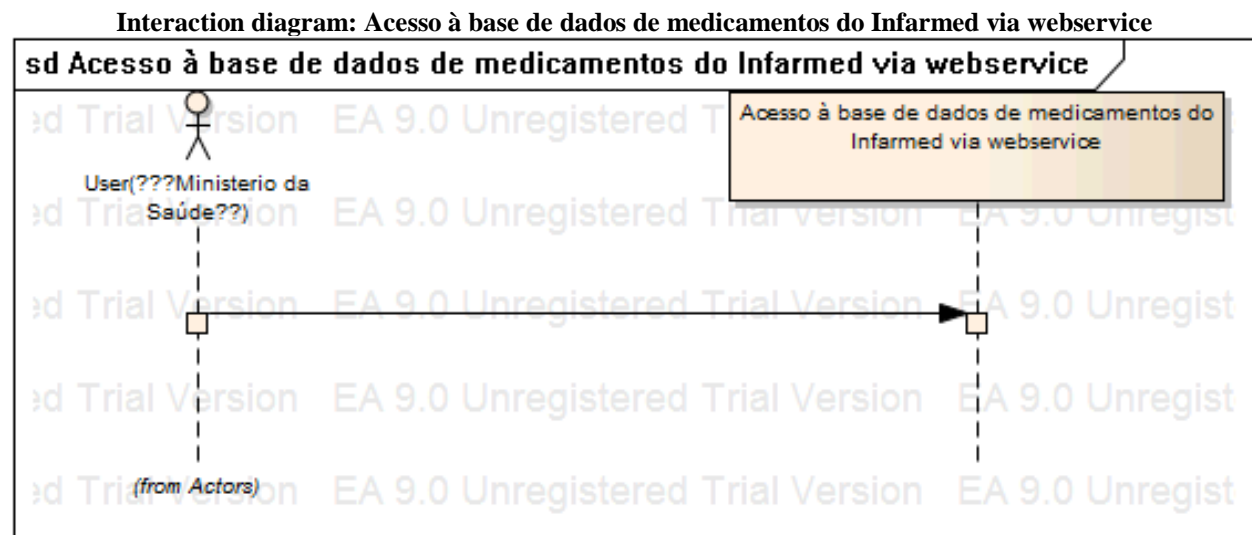Figure: 5

Acesso à base de dados de medicamentos do Infarmed via webservice

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *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 User(???Ministerio da Saúde??)	Public Acesso à base de dados de medicamentos do Infarmed via webservice	

Anular Receita

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *Keywords:*
Detail: *Created on 19/10/2014. Last modified on 19/10/2014.*
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

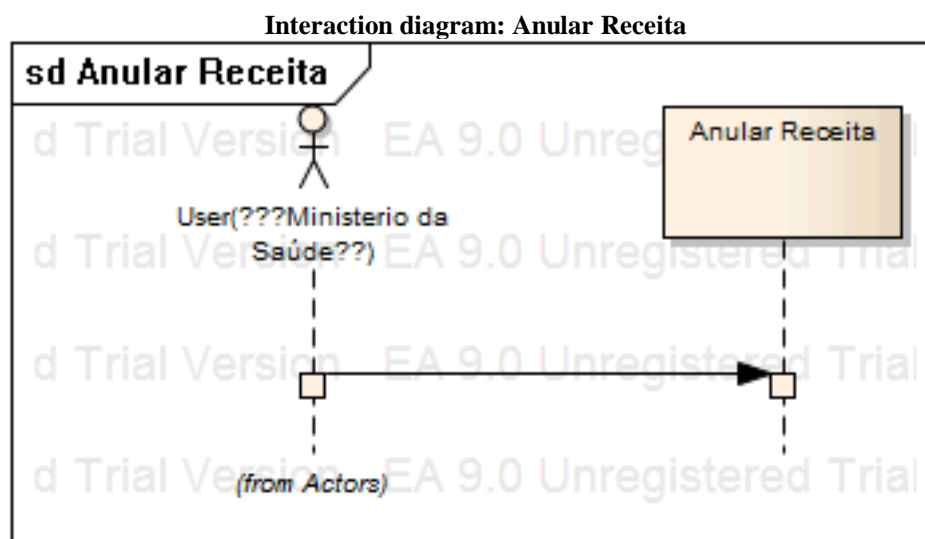| Connector	Source	Target	Notes
NoteLink Source -> Destination	Public <anonymous>	Public Anular Receita	
NoteLink Source -> Destination	Public <anonymous>	Public Anular Receita	
Association Unspecified	Public User(???Ministerio da Saúde??)	Public Anular Receita	

Interaction diagram: Anular Receita

Figure: 6

Anular Receita

Type:	**Sequence**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *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 User(???Ministerio da Saúde??)	Public Anular Receita	

Consulta do Historico de prescrições

Type:	**UseCase**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *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 User(???Ministerio da Saúde??)	Public Consulta do Historico de prescrições	

Interaction diagram: Consulta do Historico de prescrições
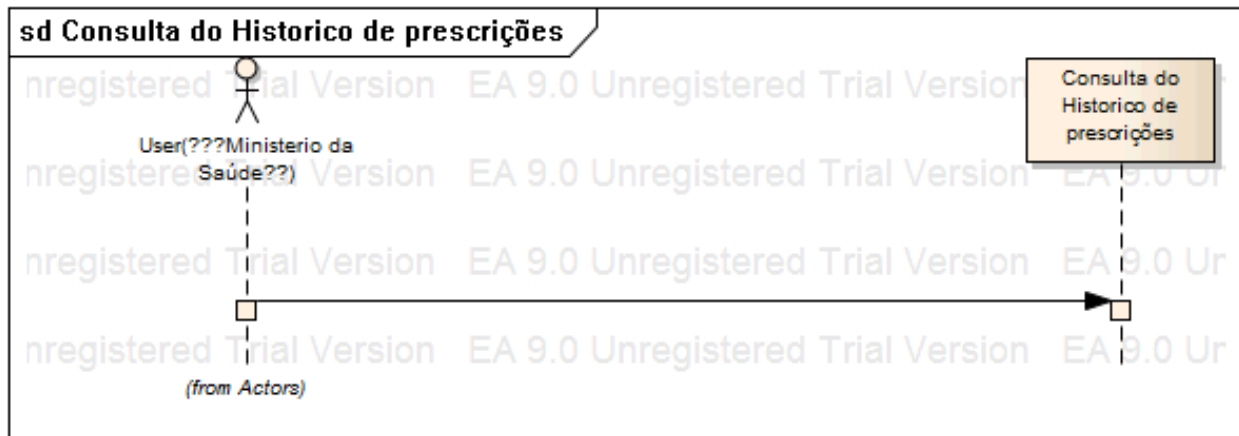
Figure: 7

Consulta do Historico de prescrições

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *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 User(???Ministerio da Saúde??)	Public Consulta do Historico de prescrições	

Emissão de Receitas

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

Scenarios
- Basic Path - Basic Path
  Notes

Scenarios

1. O user acede ao website
2. Faz login com sucesso
3. Selecciona a opção prescriçao 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
UseCaseLink Source -> Destination	Public User(???Ministerio da Saúde??)	Public Emissão de Receitas	

Interaction diagram: Emissão de Receitas
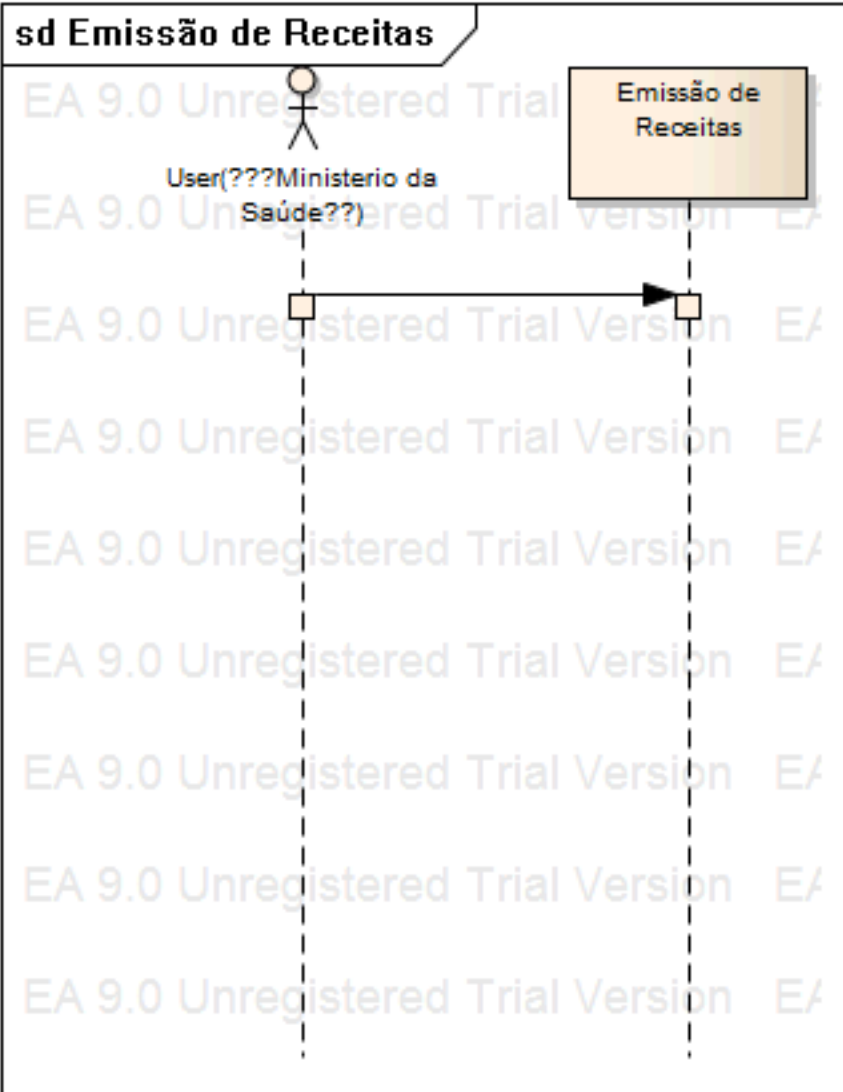
Figure: 8

Emissão de Receitas

Type:	**Sequence**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *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	User(???Ministerio da Saúde??)	Emissão de Receitas	

Envio Online da Prescrição

Type: **UseCase**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *Keywords:*
Detail: *Created on 20/11/2005. Last modified on 19/10/2014.*
GUID: {9B4D05C0-0620-424b-B4A6-894E61565FD3}

Scenarios

- Cenario Normal - Basic Path
  Notes
  1. O User vai ao website
  2. O User faz o login com sucesso
  3. O User submete a presção
  4. O sistema valida a operacao

- Cenario Alternativo - Alternate
  Notes
  Avisar ques as prescrições devem ser enviadas para o SCP até ao segundo dia útil do mês seguinte.

- Cenario excepcional - Erro na submissao - Exception
  Notes
  Se houver algum erro no passo 4 é necessário notificar o User para resubmeter a prescrição

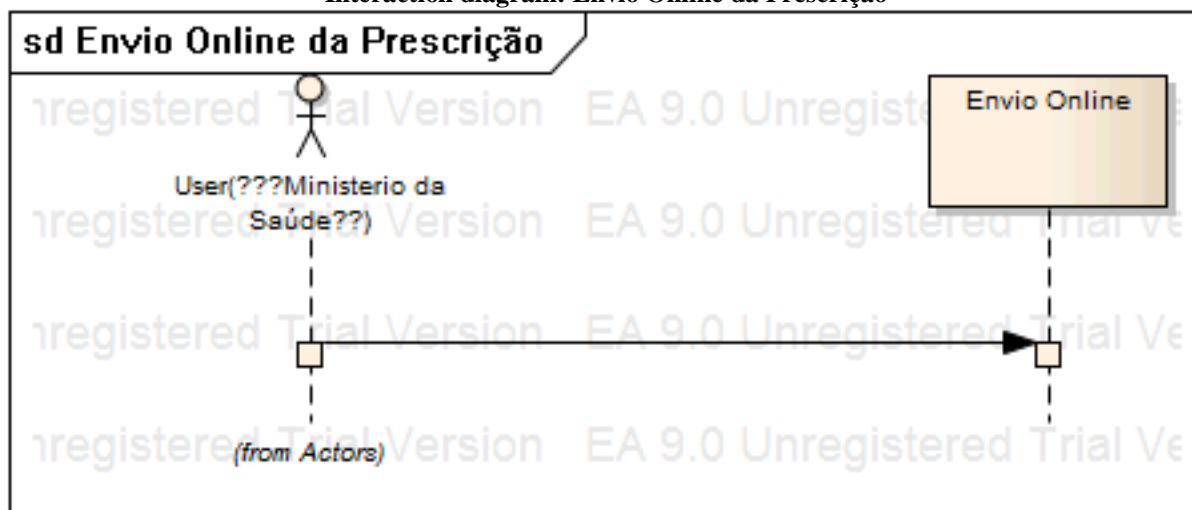**Interaction diagram: Envio Online da Prescrição**

Figure: 9

Envio Online

Type:	**Sequence**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *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 User(???Ministerio da Saúde??)	Public Envio Online	

Exportação das prescrições emitidas para a BDNP

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

Connections

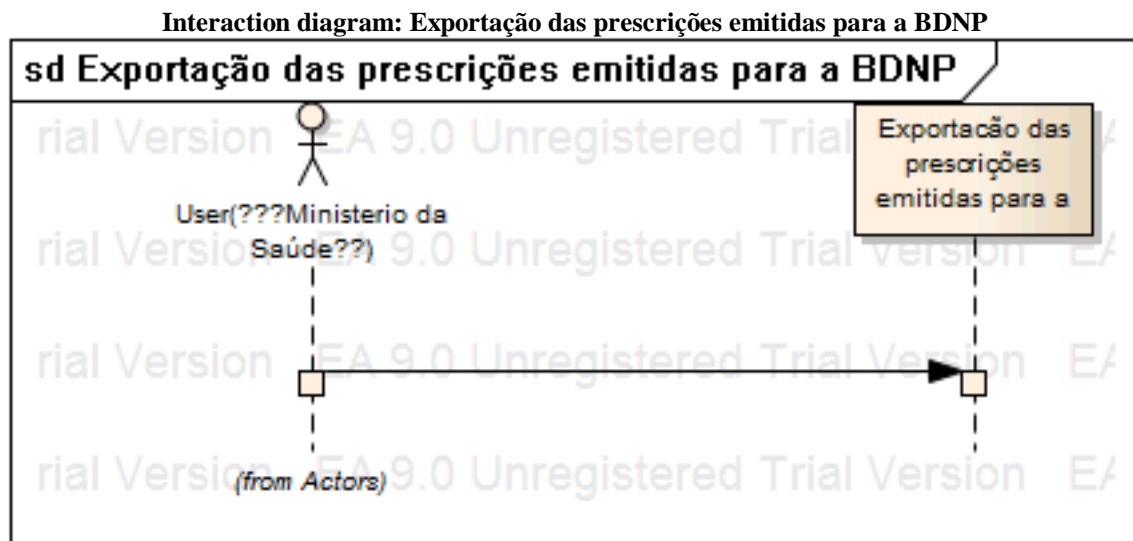| Connector	Source	Target	Notes
Sequence Source -> Destination	Public User(???Ministerio da Saúde??)	Public Exportação das prescrições emitidas para a BDNP	
NoteLink Source -> Destination	Public <anonymous>	Public Exportação das prescrições emitidas para a BDNP	
Association Unspecified	Public User(???Ministerio da Saúde??)	Public Exportação das prescrições emitidas para a BDNP	

Interaction diagram: Exportação das prescrições emitidas para a BDNP

Figure: 10

Exportacão das prescrições emitidas para a BDNP

Type:	**Sequence**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *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 User(???Ministerio da Saúde??)	Public Exportacão das prescrições emitidas para a BDNP	

Use Case3

Type:	**UseCase**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *Keywords:*
Detail:	Created on 19/10/2014. Last modified on 19/10/2014.
GUID:	{58189F4C-FCDC-4ea4-9F63-E2129DD262E7}

Use Case4

Type:	**UseCase**
Status:	Proposed. Version 1.0. Phase 1.0.
Package:	Primary Use Cases *Keywords:*
Detail:	Created on 19/10/2014. Last modified on 19/10/2014.
GUID:	{0371DC99-BA86-4e6e-95F1-8FD14F7AA991}

reimpressão de prescrições anteriores

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

Connections

Connector	Source	Target	Notes
UseCaseLink Source -> Destination	Public User(???Ministerio da Saúde??)	Public reimpressão de prescrições anteriores	

Interaction diagram: reimpressão de prescrições anteriores

Figure: 11

Reimpressão de prescrições anteriores

Type: **Sequence**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *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 User(???Ministerio da Saúde??)	Public Reimpressão de prescrições anteriores	

Occurrence

Type: **CollaborationUse**
Status: Proposed. Version 1.0. Phase 1.0.
Package: Primary Use Cases   *Keywords:*
Detail: *Created on 19/10/2014. Last modified on 19/10/2014.*
GUID: {4C336D8C-F08A-44e7-A47E-CFAF30C01FAC}