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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.

## Views

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: eAAPS

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {EDA739D7-882F-4fa8-900C-3379EA43A131}

**Views** - *(Logical diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {3B3AE450-575B-4059-A75E-D5741B312749}



Figure: 1

### Business

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Views

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {26135175-E707-4e44-A640-34DFDE5F3ABE}

**Context Diagram** - *(Logical diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {763AB69D-1E77-4741-9C7F-0691647BC357}



Figure: 2

#### eAAPS

Type: **Class**

Status: Proposed. Version 1.0. Phase 1.0.

Package: Business Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {8C964A9B-3B78-4bbb-8B5F-825B8390912A}

| Custom Properties | |
| --- | --- |
|  | isActive = False |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Association  Unspecified | Public  Provider | Public  eAAPS |  |
| Association  Unspecified | Public  eAAPS | Public  eAAPS |  |

### Technical Views

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Views

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {139D4E7F-3AED-46ed-9EF9-A517A28D75A6}

#### 1. Allocation View

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Technical Views

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {4C94DB87-0EE3-4c1c-8670-8A4358C45C0C}

**Deployment** - *(Deployment diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {518F52F3-1D7D-4999-B026-799F973C8B24}



Figure: 3

##### Storage

Type: **Node**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 1. Allocation View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {B2BAE81E-554E-4f45-9DA7-4546AAC709A1}

| Custom Properties | |
| --- | --- |
|  | isExecutionEnvironment = False |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Association  Unspecified | Public  Storage | Public  eAAPS |  |
| Information Flow  Source -> Destination | Public  eAAPS | Public  Storage |  |

##### eAAPS

Type: **Node**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 1. Allocation View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {E2B34AC7-AD0D-4df6-A347-CAF37855E27F}

| Custom Properties | |
| --- | --- |
|  | isExecutionEnvironment = False |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Association  Unspecified | Public  Storage | Public  eAAPS |  |
| Dependency  Bi-Directional | Public  eAAPS | Public  eAAPS |  |

##### oscar.properties

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 1. Allocation View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {E96CE812-019D-47f0-93F1-A7DD8F846F03}

| Custom Properties | |
| --- | --- |
|  | fileName = |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Dependency  Source -> Destination | Public  eAAPS | Public  oscar.properties |  |

##### Tomcat

Type: **ExecutionEnvironment**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 1. Allocation View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {959184DF-C01A-4132-9F52-F6647140860C}

| Custom Properties | |
| --- | --- |
|  | isExecutionEnvironment = False |

###### eAAPS

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 1. Allocation View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {1D47AC4A-4F33-4c42-9149-E78E958C3224}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Information Flow  Source -> Destination | Public  eAAPS | Public  Storage |  |
| Dependency  Source -> Destination | Public  eAAPS | Public  oscar.properties |  |
| Dependency  Bi-Directional | Public  eAAPS | Public  eAAPS |  |

###### OSCAR

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 1. Allocation View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {F10E0207-B0D3-4c88-9E79-922BD41C12DB}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

#### 2. Component and Connector View

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Technical Views

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {879B7CE1-39CB-4e41-AEBC-2BA55AD6CAF2}

**System** - *(Component diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {5EB67C5C-E578-4871-A4C1-F246165A0AA3}



Figure: 4

##### Interface1

Type: **Interface**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {CDCD6585-A093-40ea-A3B2-8204850BFFC1}

##### Interface2

Type: **Interface**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {82556FDF-0E86-4a8a-828B-F2F608A80778}

##### OSCAR Lab Upload

Type: **Interface**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {D0C360F7-B481-4566-AFA6-63F5DEC4B9F6}

##### Storage

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 9/4/2013*.

GUID: {DCE6F17E-E285-49bf-8D74-541010F29318}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

###### Medical Data Export

Type: **Artifact**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {E0D3BC79-37D3-49c9-AAD4-2A836F77A652}

| Custom Properties | |
| --- | --- |
|  | fileName = |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Association  Unspecified | Public  Demographic Export | Public  Medical Data Export |  |
| Dependency  Source -> Destination | Public  eAAPS | Public  Medical Data Export |  |

##### eAAPS

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 9/4/2013*.

GUID: {7D2072C6-39DF-43cb-848A-693C2E6B4BA5}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Information Flow  Source -> Destination | Public  Provider | Public  eAAPS |  |
| Information Flow  Source -> Destination | Public  eAAPS | Public  Lab Upload |  |
| Dependency  Source -> Destination | Public  eAAPS | Public  Medical Data Export |  |

*Embedded Elements*

| **Element** | **Detail** | **Notes** |
| --- | --- | --- |
| ProvidedInterface Action Plan Status | Version: 1.0 |  |

##### eAAPS - OSCAR Integration

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {321AAD5D-AFC4-4db7-B318-0961822860D0}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Embedded Elements*

| **Element** | **Detail** | **Notes** |
| --- | --- | --- |
| Port Lab Upload | Version: 1.0 |  |
| ProvidedInterface ProvidedInterface1 | Version: 1.0 |  |

###### Demographic Export

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {E4554E18-545E-4917-A74E-ABF01116CF25}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Association  Unspecified | Public  Demographic Export | Public  Medical Data Export |  |

###### eAAPS Client

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {7CF12EC8-D93F-4a7d-9561-2F413EA57EBC}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Dependency  Source -> Destination | Public  eAAPS Encounter | Public  eAAPS Client |  |

*Embedded Elements*

| **Element** | **Detail** | **Notes** |
| --- | --- | --- |
| RequiredInterface Action Plan Status | Version: 1.0 |  |

###### eAAPS Encounter

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 9/3/2013*.

GUID: {104A36D5-D072-4d56-806B-EEBF3B675322}

This module overrides action plan URL that's provided by eAAPS client by adding two GET parameters:

* isMrp - boolean flag that indicates if the most responsible physician is currently looking at the demographic recor
* pNo - ID of the provider who is currently looking at the record

Both fields are used by the remote eAAPS server when generating response HL7 message with the contained action plan.

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Dependency  Source -> Destination | Public  Provider | Public  eAAPS Encounter |  |
| Dependency  Source -> Destination | Public  eAAPS Encounter | Public  eAAPS Client |  |

###### eAAPS Upload Handler

Type: **Component**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 2. Component and Connector View Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {264F10AC-44CA-484d-AF0B-49F56A4B62FC}

| Custom Properties | |
| --- | --- |
|  | isIndirectlyInstantiated = True |

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Information Flow  Source -> Destination | Public  Lab Upload | Public  eAAPS Upload Handler |  |

#### 3. Module View

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Technical Views

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {096BDE62-1178-48eb-AFAB-586AA303F3FC}

##### Data Model

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: 3. Module View

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {61E49B9C-BD9D-481f-BEF2-93EAE804DF1A}

**Data Model** - *(Logical diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {5DC86E4A-9229-4b82-94FB-AA4D3359720A}



Figure: 5

##### Decomposition

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: 3. Module View

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {0476062A-E431-478b-A47A-2D2E8765D56E}

**Decomposition** - *(Package diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {FAD366C0-1C07-4d76-AF4B-74C9C751CFC2}



Figure: 6

#### 4. Interface

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Technical Views

Detail: *Created on 8/19/2013*. *Last modified on 8/19/2013*

GUID: {733A4E77-D1BA-4966-8DF9-96A283CA9C90}

**4.Interface** - *(Logical diagram)*

Created By: Nick *on* 8/19/2013

Last Modified: 8/19/2013

Version: 1.0. *Locked:* False

GUID: {9E345F1E-E976-4d84-A77A-59AA8EDEC10B}



Figure: 7

##### eAAPS HL7 Interface

Type: **Interface**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 4. Interface Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/19/2013*.

GUID: {EFFB48EB-7AEA-4690-B26A-682EAE9953F5}

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| NoteLink  Source -> Destination | Public  eAAPS HL7 Interface | Public  <anonymous> |  |

Operations

| **Method** | **Notes** | **Parameters** |
| --- | --- | --- |
| **handle()** void  Public |  | java.lang.String [in] hl7Message |

#### 5. Testing

Type: Package

Status: Proposed. Version 1.0. Phase 1.0.

Package: Technical Views

Detail: *Created on 8/19/2013*. *Last modified on 8/26/2013*

GUID: {99A41487-9CFE-4c93-9E6E-C8DCC7CDD836}

**Testing** - *(Custom diagram)*

Created By: Nick Goupinets *on* 8/19/2013

Last Modified: 9/3/2013

Version: 1.0. *Locked:* False

GUID: {F347F25F-0C39-423d-B2B3-602BD85F7BD8}



Figure: 8

##### EAAPS-TC-08A Identify provider in the action plan

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *9/3/2013*. *Last modified on 9/3/2013*.

GUID: {CB5E47A9-3532-4438-952D-495229A566C0}

Objectives:

Test partial functionality required for **EAAPS-UC-07 Receive Action Plan,** namely that HL7 message containing provider ID number results in the approrpiate notification of the provider.

Environment:

* Demographic record must exist on the system
* Demographic record must be added to the study
* Demographic record must contain the hash in the study data (be exported - see EAAPS-TC-03)
* OSCAR should be configured with global encryption key pair (see user manual)
* OSCAR should be configured with eaaps-specific encryption key pair (see user manual)
* Provider specified in the message should exist on the system

Script:

* Modify EaapsIntegrationTest to include the global OSCAR public and eAAPS-specific public keys
* Modify EaapsIntegrationTest#test() to contain the URL of the OSCAR instance being tested
* Modify EaapsIntegrationTest to contain the appropriate provider ID
* Invoke the integration test case defined in EaapsIntegrationTest#test() class
* Login into the system as the provider with the ID specified in the earlier steps
* Verify that the appropriate inbox and messenger notifications are present.

Outcomes:

Successful test case execution

##### EAAPS-TC-10A Notify Provider - Message

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/27/2013*. *Last modified on 8/27/2013*.

GUID: {DA3F73E1-D333-4252-858A-530C18C1D19F}

TBD

Objectives:

Tests **EAAPS-UC-10 Notify Provider** use case.

Environment:

* eAAPS URL should point to a URL where dummy REST document containing status can be found by hash. This can be accomplished by pointing an HTTP server to a directory containing sample REST files.
* EAAPS-TC-03 must be completed

Script:

1. Open demographic record for the test patient
2. Observe notification popup. It should disappear in approximately 10 seconds.
3. Change REST file containing the status to contain different values for the status (ready / not ready / questionnaire completed / etc.), observe the change on the widget / notification popup
4. Verify that snooze button removes the notification.
5. Verify that dismiss button removes all further notifications

Outcomes:

1. Notification shoud be displayed in the eAAPS widget and the popup
2. Dismissal should remove notification popup

##### EAAPS-TC-01 Add To Study Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/21/2013*.

GUID: {15B4BF9D-B877-42c3-849F-51EE13C0EA4A}

Objectives:

Tests **EAAPS-UC-01 Export Medications** preconditions, namely, study creation, addition of demographic records to the study. Also tests preconditions **EAAPS-UC-03 Enroll in study** use case.

Script:

1. Add a new demographic record, with name, DOB, address and a **doctor** via "Demographic Search Menu" > "Add Demographic"
2. Add a new study via "Admin" > "Demographic Study"
3. Add newly created demographic record to the study via "Admin" > "Demographic Study" > "Add Demographic Records"

Outcomes:

1. System must contain the added demographic, study and the demographic must be visible in the list of demographics for this study

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Dependency  Source -> Destination | Public  EAAPS-TC-02 Add Medications Test Case | Public  EAAPS-TC-01 Add To Study Test Case |  |

##### EAAPS-TC-02 Add Medications Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/20/2013*.

GUID: {66993F38-8A39-44b6-99CA-D6D1AAB23A0C}

Objectives:

Tests **EAAPS-UC-01 Export Medications** preconditions, namely, that demographic record to be exported contains medications. Please note that other patient must have no medications to test empty case

Environment:

* DrugRef is enabled for OSCAR

Script:

1. Select one record created in EAAPS-TC-01 case via "Search" menue and open encounter chart for it
2. Click "+" symbol in the "Medications" widget for that record
3. [if DrugRef is enabled] In the "Drug Name", enter "fluticasone" and pick the number of repeats, and enter instructions and click save
4. Add a custom drug with dummy values

Outcomes:

1. Medications should appear in the list of medications for the selected user.

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Dependency  Source -> Destination | Public  EAAPS-TC-02 Add Medications Test Case | Public  EAAPS-TC-01 Add To Study Test Case |  |
| Dependency  Source -> Destination | Public  EAAPS-TC-03 - Export Demographics Test Case | Public  EAAPS-TC-02 Add Medications Test Case |  |

##### EAAPS-TC-03 - Export Demographics Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/19/2013*. *Last modified on 8/20/2013*.

GUID: {0E8C4CAE-8766-464b-9B76-4CF4EE71EE99}

Objectives:

Tests **EAAPS-UC-01 Export Medications** main flow, namely, that demographic record are exported properly.

Environment:

* eAAPS export settings are configured

Script:

1. Open export menu via "Admin" > "Electronic Asthma Action Plan Export"
2. Pick the appropriate study (containing records from EAAPS-TC-02 and EAAPS-TC-03)
3. Acknowledge the security warning and click export
4. Wait until the status screen is shown
5. Login to the eAAPS remote server to verify that the medication information has been exported, and contains the appropriate medications (as defined in EAAPS-TC-03)
6. Check study\_data table in the DB to make sure that it contains entries for the demographics exported

Outcomes:

1. Medications should be exported to eAAPS server
2. study\_data table should contain entries for the records exported

*Connections*

| **Connector** | **Source** | **Target** | **Notes** |
| --- | --- | --- | --- |
| Dependency  Source -> Destination | Public  EAAPS-TC-03 - Export Demographics Test Case | Public  EAAPS-TC-02 Add Medications Test Case |  |

##### EAAPS-TC-04 Generate Hash Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/20/2013*.

GUID: {B3A466C1-A77A-4ef2-99B2-0479A3BAE62C}

Objectives:

Test that hash code is generated according to the agreed algorithm (as define by EAAPS-UC-02 Generate hash)

Script:

Invoke test case EaapsIntegrationTest#testHash()

Outcomes:

Successful test case execution

##### EAAPS-TC-05 Fill out questionnaire

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/20/2013*.

GUID: {10C4BD85-CC61-4b46-B635-878BD8B9B9CB}

External to OSCAR - Not tested

##### EAAPS-TC-06 Provide Questionnaire Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/26/2013*.

GUID: {7BD74412-1F54-4c89-8FEE-D6B9535DD38D}

External to OSCAR - Not tested

##### EAAPS-TC-07 Create Action Plan Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/26/2013*.

GUID: {BE030E9A-B348-4ce2-85A5-0F0E9F2E2F56}

External to OSCAR - Not tested

##### EAAPS-TC-07A - Key Pair Generation Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/21/2013*. *Last modified on 8/21/2013*.

GUID: {1E90F110-6413-4483-AE5F-7442D5C89144}

Objectives:

Test preconditions for **EAAPS-UC-07 Receive Action Plan,** namely key-pair generation functionality.

Script:

* Open key generation screen ("Admin" > "Key Pairs")
* Generate key for OSCAR
* Generate key for eAAPS

Outcomes:

Successful generation of key pairs for OSCAR and eAAPS

##### EAAPS-TC-08 Receive Action Plan

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/20/2013*.

GUID: {12FE9AC1-5569-4275-9ED4-5BEF26045380}

Objectives:

Test functionality required for **EAAPS-UC-07 Receive Action Plan,** namely that HL7 upload is received by OSCAR.

Environment:

* Demographic record must exist on the system
* Demographic record must be added to the study
* Demographic record must contain the hash in the study data (be exported - see EAAPS-TC-03)
* OSCAR should be configured with global encryption key pair (see user manual)
* OSCAR should be configured with eaaps-specific encryption key pair (see user manual)

Script:

* Modify EaapsIntegrationTest to include the global OSCAR public and eAAPS-specific public keys
* Modify the EaapsIntegrationTest#test() to contain the URL of the OSCAR instance being tested
* Invoke the integration test case defined in EaapsIntegrationTest#test() class

Outcomes:

Successful test case execution

##### EAAPS-TC-09 Review Action Plan Test Case

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/20/2013*.

GUID: {E64F491B-0961-4edc-92BD-0E8155A2424D}

External to OSCAR - Not tested. Functionaity is partially tested in TC-10

##### EAAPS-TC-10 Notify Provider

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 9/3/2013*.

GUID: {F8180849-D826-48d9-A479-38DE0D56C15D}

Objectives:

Tests **EAAPS-UC-10 Notify Provider** use case.

Environment:

* eAAPS URL should point to a URL where dummy REST document containing status can be found by hash. This can be accomplished by pointing an HTTP server to a directory containing sample REST files.
* EAAPS-TC-03 must be completed

Script:

1. Open demographic record for the test patient
2. Observe notification popup. It should disappear in approximately 10 seconds.
3. Change REST file containing the status to contain different values for the status (ready / not ready / questionnaire completed / etc.), observe the change on the widget / notification popup
4. Verify that snooze button removes the notification.
5. Verify that dismiss button removes all further notifications

Outcomes:

1. Notification shoud be displayed in the eAAPS widget and the popup
2. Dismissal should remove notification popup

##### EAAPS-TC-11 Remove From Study

Type: **Requirement**

Status: Proposed. Version 1.0. Phase 1.0.

Package: 5. Testing Keywords:

Detail: *Created on* *8/20/2013*. *Last modified on 8/20/2013*.

GUID: {5D91A92C-9A53-4733-8D2F-98B66633D10D}

Objectives:

Tests **EAAPS-UC-11 Remove From Study** use case.

Environment

* EAAPS-TC-03 must be completed

Script:

1. Remove an exported demographic record from the study via "Admin" > "Demographic Study" > "Remove Demographic"
2. Export the study and observe that the record is not exported
3. Open the chart, observe that eAAPS widget is not rendered on the encounter chart

Outcomes:

1. Study must not contain the demographic, study and the demographic must be visible in the list of demographics for this study
2. System must not export the medication data for the recor
3. eAAPS widget must not be shown on the encounter chart