NOMINATIONS

USE CASES AND SCENARIOS

ACTIVITY 2.4

Legend

Keywords: Given, When, Then, And, If (to add conditionals), Each time, # (for comments)

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From the spec

Implemented by the Sending institution

1. Incoming Mobility CNR API
   allows the sending HEI to be notified whenever incoming mobilities kept on their partner institutions' servers are changed.
   (a) `response (params: receiving_hei_id*, omobility_id*)`

2. Outgoing Mobilities API
   allows the receiving HEI to read, write and enumerate mobilities stored on the sending HEI's servers.
   (a) `index (params: sending_hei_id*, receiving_hei_id, receiving_academic_year_id, modified_since)`
   (b) `get (params: sending_hei_id*, omobility_id*)`
       - ewp-status: nomination | live | recognized | cancelled

Implemented by the Receiving institution

1. Incoming Mobilities API
   allows the sending HEI to read the receiving HEI's **part** of the information related to the sending HEIs outgoing mobilities.
   (a) `get (params: receiving_hei_id*, omobility_id*)`
       - ewp-status: pending | verified | rejected

2. Outgoing Mobility CNR API
   allows the receiving HEI to be notified whenever mobilities kept on their partner institutions' servers are changed
   (a) `response (params: sending_hei_id*, omobility_id*)`

Scenarios

Scenario 1 Receiving accepts Nomination (Sending in Dashboard)

Sending HEI A: Dashboard-ErasmusAPP		Receiving HEI B
Given that A represents the Sending HEI **And** a new Application is created by the Student in the ErasmusAPP **And** A nominates the Student for a mobility in HEI B via Dashboard **When** the Student accepts the Nomination to HEI B **Then** A sends a CNR **And** A waits for a CNR Response	**> omobilities CNR**	
		Given that B represents the Receiving HEI B **When** B receives a omobilites CNR from A **Then** B sends a CNR Response (empty) to A **Then** B sends a GET omobility Request to A **And** B waits for a response to the GET request
When A receives a CNR Response from B **Then** A is sure that B received the CNR	**< omobilities CNR Response** **< omobilities GET**	
When A receives a GET omobility Request from B **Then** A prepares the GET omobility Response **And** A sends the (Ex-1) GET omobility Response to B (status = *nomination*)	**> omobilities** **GET Response**	
		When B receives GET omobility Response from A **Then** B sets the status of imobility to *pending*
# if A performs a GET imobility Request at this point, the status # of it is *pending* (B has not done anything yet)		# if B performs a GET omobility Request at this point, the status # of it is *nomination* (B has not done anything yet)
When A receives a CNR from B **Then** A sends a CNR Response to B **Then** A sends a GET imobility Request to B **And** A waits for a response to the GET imobility request	**< imobilities CNR** **> imobilities CNR Response** **> imobility GET**	**When** B decides to **accept** the Nomination for Student **Then** B sends a imobilities CNR **When** B receives a imobilities CNR Response from A **Then** B is sure that A received the CNR
		When B receives a GET imobilities Request from B **Then** B prepares the GET imobilities Response (that is a **part** of the mobility with status = verified)

	< imobilities GET Response	**And** B sends the GET imobility Response to A (status = *verified*)
When A receives ([Ex-2](#)) GET imobility Response from B **Then** A sets the status of omobility to *live*		# if B performs a GET omobility Request at this point, the status # of it is *live*
# at this point (or even earlier) the student mobility is live # however, the Student (via the ErasmusAPP) or A (via # Dashboard) is able to **cancel** the mobility		
When A wants to cancel the Nomination **Then** A sets the status of omobility to *cancelled* **And** A sends a CNR **And** A waits for a CNR Response	**> omobilities CNR** **< omobilities CNR Response** **< omobilities GET**	**When** B receives a omobilites CNR from A **Then** B sends a omobilites CNR Response to A **Then** B sends a GET omobilities Request to A **And** B waits for a response to the GET request
When A receives a CNR Response from B **Then** A is sure that B received the CNR		
When A receives a GET omobilities Request from B **Then** A prepares the GET omobilities Response **And** A sends the ([Ex-3](#)) GET omobilities Response to B (status = *cancelled*)	**> omobilities GET Response**	**When** B receives GET omobilities Response from A **Then** B knows that the Nomination is cancelled

Scenario 2 Receiving rejects Nomination (Sending in Dashboard)

Sending HEI A: Dashboard-ErasmusAPP		Receiving HEI B
Given that A represents the Sending HEI **And** a new Application is created by the Student in the ErasmusAPP **And** A nominates the Student for a mobility in HEI B via Dashboard **When** the Student accepts the Nomination to HEI B **Then** A sends a CNR **And** A waits for a CNR Response	**> omobilities CNR**	
		Given that B represents the Receiving HEI B **When** B receives an omobilites CNR from A
When A receives a CNR Response from B **Then** A is sure that B received the CNR	**< omobilities CNR Response** **< omobilities GET**	**Then** B sends a CNR Response (empty) to A **Then** B sends a GET omobility Request to A **And** B waits for a response to the GET request
When A receives a GET omobility Request from B **Then** A prepares the GET omobility Response **And** A sends the ([Ex-1](#)) GET omobility Response to B (status = *nomination*)	**> omobilities GET Response**	
		When B receives GET omobility Response from A **Then** B sets the status of imobility to *pending*
# if A performs a GET imobility Request at this point, the status # of it is *pending* (B has not done anything yet)		
When A receives a CNR from B **Then** A sends a CNR Response to B **Then** A sends a GET imobility Request to B **And** A waits for a response to the GET imobility request	**< imobilities CNR** **> imobilities CNR Response** **> imobility GET**	**When** B decides to **reject** the Nomination for Student **Then** B sends an imobilities CNR **When** B receives an imobilities CNR Response from A **Then** B is sure that A received the CNR
		When B receives a GET imobilities Request from B **Then** B prepares the GET imobilities Response (that is a **part** of the mobility with status = *rejected*)
	< imobilities GET Response	**And** B sends the ([Ex-4](#)) GET imobility Response to A (status = *rejected*)
When A receives GET imobility Response from B **Then** A sets the status of omobility to *cancelled*		
		# HEI B didn't meet the requirements of HEI A # HEI A may now nominate the student for another HEI C

Scenario 3 Receiving accepts Nomination (Receiving in Dashboard)

Sending HEI A		Receiving HEI B: Dashboard-ErasmusAPP
Given that A represents the Sending HEI **And** A nominates the Student for a mobility in HEI B **When** the Student accepts the Nomination to HEI B **Then** A sends a CNR **And** A waits for a CNR Response		
	> omobilities CNR	
		Given that B represents the Receiving HEI B (Dashboard / ErasmusAPP) **When** B receives an omobilites CNR from A
When A receives a CNR Response from B **Then** A is sure that B received the CNR	**< omobilities CNR Response** **< omobilities GET**	**Then** B sends a CNR Response (empty) to A **Then** B sends a GET omobility Request to A **And** B waits for a response to the GET request
When A receives a GET omobility Request from B **Then** A prepares the GET omobility Response **And** A sends the ([Ex-1](#)) GET omobility Response to B (status = *nomination*)	**> omobilities GET Response**	
		When B receives GET omobility Response from A **Then** B sets the status of imobility to *pending*
# if A performs a GET imobility Request at this point, the status # of it is *pending* (B has not done anything yet)		
		When B decides to accept the Nomination for Student **Then** B sends an imobilities CNR
When A receives a CNR from B **Then** A sends a CNR Response to B **Then** A sends a GET imobility Request to B **And** A waits for a response to the GET imobility request	**< imobilities CNR** **> imobilities CNR Response**	**When** B receives an imobilities CNR Response from A **Then** B is sure that A received the CNR
	> imobility GET	**When** B receives a GET imobilities Request from B **Then** B prepares the GET imobilities Response (that is a **part** of the mobility with status = *verified*)
	< imobilities GET Response	**And** B sends the GET imobility Response to A (status = *verified*)
When A receives ([Ex-2](#)) GET imobility Response from B **Then** A sets the status of omobility to *live*		
# at this point (or even earlier) the student mobility is live # however, the Student or A is able to **cancel** the mobility		# if B performs a GET omobility Request at this point, the status # of it is *live*

When A wants to cancel the Nomination
Then A sets the status of omobility to *cancelled*
And A sends a CNR
And A waits for a CNR Response

> omobilities CNR
< omobilities CNR Response
< omobilities GET

When B receives an omobilites CNR from A
Then B sends an omobilites CNR Response to A
Then B sends a GET omobilies Request to A
And B waits for a response to the GET request

When A receives a CNR Response from B
Then A is sure that B received the CNR

When A receives a GET omobilies Request from B
Then A prepares the GET omobilies Response
And A sends the ([Ex-3](#)) GET omobilies Response to B (status = *cancelled*)

> omobilities
GET Response

When B receives GET omobilies Response from A
Then B knows that the Nomination is cancelled

Scenario 4 Receiving rejects Nomination (Receiving in Dashboard)

Sending HEI A		Receiving HEI B: Dashboard-ErasmusAPP
Given that A represents the Sending HEI **And** A nominates the Student for a mobility in HEI B **When** the Student accepts the Nomination to HEI B **Then** A sends a CNR **And** A waits for a CNR Response		
	> omobilities GET Response	**Given** that B represents the Receiving HEI B (Dashboard / ErasmusAPP)
When A receives a CNR Response from B **Then** A is sure that B received the CNR	**< omobilities CNR Response < omobilities GET**	**When** B receives an omobilites CNR from A **Then** B sends a CNR Response (empty) to A **Then** B sends a GET omobility Request to A **And** B waits for a response to the GET request
When A receives a GET omobility Request from B **Then** A prepares the GET omobility Response **And** A sends the (Ex-1) GET omobility Response to B (status = *nomination*)	**> omobilities GET Response**	
		When B receives GET omobility Response from A **Then** B sets the status of imobility to *pending*
# if A performs a GET imobility Request at this point, the status # of it is *pending* (B has not done anything yet)		
	< imobilities CNR	**When** B decides to reject the Nomination for Student **Then** B sends an imobilities CNR
When A receives a CNR from B **Then** A sends a CNR Response to B **Then** A sends a GET imobility Request to B **And** A waits for a response to the GET imobility request	**> imobilities CNR Response > imobility GET**	**When** B receives an imobilities CNR Response from A **Then** B is sure that A received the CNR
		When B receives a GET imobilities Request from B **Then** B prepares the GET imobilities Response (that is a **part** of the mobility with status = *rejected*)
	< imobilities GET Response	**And** B sends the (Ex-4) GET imobility Response to A (status = *rejected*)
When A receives GET imobility Response from B **Then** A sets the status of omobility to *cancelled*		# if B performs a GET omobility Request at this point, the status # of it is *cancelled* (Ex-3)

		# HEI B didn't meet the requirements of HEI A # HEI A may now nominate the student for another HEI C

Examples

Ex 1 omobilities GET Response (nomination)

```xml
<omobilities-get-response>
    <student-mobility-for-studies>
        <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
        <sending-hei>
            <hei-id>aexample_a.edu</hei-id>
            <ounit-id>1234</ounit-id>
            <iia-id>dd87538e-49e3-44ae-844e-55ad1b819ce9</iia-id>
        </sending-hei>
        <receiving-hei>
            <hei-id>example_b.edu</hei-id>
            <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
        </receiving-hei>
        <receiving-academic-year-id>2022/2023</receiving-academic-year-id>
        <student>
            <given-names>Nalty</given-names>
            <family-name>Patel</family-name>
            <global-id>urn:schac:personalUniqueCode:int:esi:example_a.edu:85525839</global-id>
            <email>nalty@example_a.edu</email>
        </student>
        <status>nomination</status>
        <planned-arrival-date>2022-02-01</planned-arrival-date>
        <planned-departure-date>2022-06-20</planned-departure-date>
        <eqf-level-studied-at-departure>7</eqf-level-studied-at-departure>
        <nominee-isced-f-code>0215</nominee-isced-f-code>
        <nominee-language-skill>
            <language>en</language>
            <cefr-level>B2</cefr-level>
        </nominee-language-skill>
    </student-mobility-for-studies>
</omobilities-get-response>
```

Ex 2 imobilities GET Response (verified)

```xml
<imobilities-get-response>
    <student-mobility-for-studies>
        <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
        <status>verified</status>
    </student-mobility-for-studies>
</imobilities-get-response>
```

Ex 3 omobilites GET Response (cancelled)

```xml
<omobilities-get-response>
    <student-mobility-for-studies>
        <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
        <sending-hei>
            <hei-id>example_a.edu</hei-id>
            <ounit-id>1234</ounit-id>
            <iia-id>dd87538e-49e3-44ae-844e-55ad1b819ce9</iia-id>
        </sending-hei>
        <receiving-hei>
            <hei-id>example_b.edu</hei-id>
            <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
        </receiving-hei>
        <receiving-academic-year-id>2022/2023</receiving-academic-year-id>
        <student>
            <given-names>Nalty</given-names>
            <family-name>Patel</family-name>
            <global-id>urn:schac:personalUniqueCode:int:esi:example_a.edu:85525839</global-id>
            <email>nalty@example_a.edu</email>
        </student>
        <status>cancelled</status>
        <planned-arrival-date>2022-02-01</planned-arrival-date>
        <planned-departure-date>2022-06-20</planned-departure-date>
```

```
        <eqf-level-studied-at-departure>7</eqf-level-studied-at-departure>
        <nominee-isced-f-code>0215</nominee-isced-f-code>
        <nominee-language-skill>
            <language>en</language>
            <cefr-level>B2</cefr-level>
        </nominee-language-skill>
    </student-mobility-for-studies>
</omobilities-get-response>
```

Ex 4 imobilities GET Response (rejected)

```
<imobilities-get-response>
    <student-mobility-for-studies>
        <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
        <status>rejected</status>
        <comment>Reason to reject the nomination.</comment>
    </student-mobility-for-studies>
</imobilities-get-response>
```