



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

<p><b>When</b> A receives (<a href="#">Ex-2</a>) GET imobility Response from B  <b>Then</b> A sets the status of omobility to <i>live</i></p> <p># at this point (or even earlier) the student mobility is live  # however, the Student (via the ErasmusAPP) or A (via  # Dashboard) is able to <b>cancel</b> the mobility</p> <p><b>When</b> A wants to cancel the Nomination  <b>Then</b> A sets the status of omobility to <i>cancelled</i>  <b>And</b> A sends a CNR  <b>And</b> A waits for a CNR Response</p> <p><b>When</b> A receives a CNR Response from B  <b>Then</b> A is sure that B received the CNR</p> <p><b>When</b> A receives a GET omobilities Request from B  <b>Then</b> A prepares the GET omobilities Response  <b>And</b> A sends the (<a href="#">Ex-3</a>) GET omobilities Response to B (status = <i>cancelled</i>)</p>	<p><b>&lt; imobilities GET Response</b></p> <p><b>&gt; omobilities CNR</b></p> <p><b>&lt; omobilities CNR Response</b>  <b>&lt; omobilities GET</b></p> <p><b>&gt; omobilities GET Response</b></p>	<p><b>And</b> B sends the GET imobility Response to A (status = <i>verified</i>)</p> <p># if B performs a GET omobility Request at this point, the status  # of it is <i>live</i></p> <p><b>When</b> B receives a omobilites CNR from A  <b>Then</b> B sends a omobilites CNR Response to A  <b>Then</b> B sends a GET omobilities Request to A  <b>And</b> B waits for a response to the GET request</p> <p><b>When</b> B receives GET omobilities Response from A  <b>Then</b> B knows that the Nomination is cancelled</p>
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## Scenario 2 Receiving rejects Nomination (Sending in Dashboard)

Sending HEI A: Dashboard-ErasmusAPP		Receiving HEI B
<p><b>Given</b> that A represents the Sending HEI  <b>And</b> a new Application is created by the Student in the ErasmusAPP  <b>And</b> A nominates the Student for a mobility in HEI B via Dashboard  <b>When</b> the Student accepts the Nomination to HEI B  <b>Then</b> A sends a CNR  <b>And</b> A waits for a CNR Response</p> <p><b>When</b> A receives a CNR Response from B  <b>Then</b> A is sure that B received the CNR</p> <p><b>When</b> A receives a GET omobility Request from B  <b>Then</b> A prepares the GET omobility Response  <b>And</b> A sends the (<a href="#">Ex-1</a>) GET omobility Response to B (status = <i>nomination</i>)</p> <p># if A performs a GET imobility Request at this point, the status  # of it is <i>pending</i> (B has not done anything yet)</p> <p><b>When</b> A receives a CNR from B  <b>Then</b> A sends a CNR Response to B  <b>Then</b> A sends a GET imobility Request to B  <b>And</b> A waits for a response to the GET imobility request</p> <p><b>When</b> A receives GET imobility Response from B  <b>Then</b> A sets the status of omobility to <i>cancelled</i></p>	<p>&gt; omobilities CNR</p> <p>&lt; omobilities CNR Response  &lt; omobilities GET</p> <p>&gt; omobilities GET Response</p> <p>&lt; imobilities CNR  &gt; imobilities CNR Response</p> <p>&gt; imobility GET</p> <p>&lt; imobilities GET Response</p>	<p><b>Given</b> that B represents the Receiving HEI B  <b>When</b> B receives an omobilites CNR from A  <b>Then</b> B sends a CNR Response (empty) to A  <b>Then</b> B sends a GET omobility Request to A  <b>And</b> B waits for a response to the GET request</p> <p><b>When</b> B receives GET omobility Response from A  <b>Then</b> B sets the status of imobility to <i>pending</i></p> <p><b>When</b> B decides to <b>reject</b> the Nomination for Student  <b>Then</b> B sends an imobilities CNR  <b>When</b> B receives an imobilities CNR Response from A  <b>Then</b> B is sure that A received the CNR</p> <p><b>When</b> B receives a GET imobilities Request from B  <b>Then</b> B prepares the GET imobilities Response (that is a <b>part</b> of the mobility with status = <i>rejected</i>)  <b>And</b> B sends the (<a href="#">Ex-4</a>) GET imobility Response to A (status = <i>rejected</i>)</p> <p># after the rejection, the negotiation with HEI B is finished.  # HEI A may now nominate the student for another HEI C</p>

## Scenario 3 Receiving accepts Nomination (Receiving in Dashboard)

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

<p><b>When</b> A wants to cancel the Nomination <b>Then</b> A sets the status of omobility to <i>cancelled</i> <b>And</b> A sends a CNR <b>And</b> A waits for a CNR Response</p> <p><b>When</b> A receives a CNR Response from B <b>Then</b> A is sure that B received the CNR</p> <p><b>When</b> A receives a GET omobilities Request from B <b>Then</b> A prepares the GET omobilities Response <b>And</b> A sends the (<a href="#">Ex-3</a>) GET omobilities Response to B (status = <i>cancelled</i>)</p>	<p>&gt; omobilities CNR &lt; omobilities CNR Response &lt; omobilities GET</p> <p>&gt; omobilities GET Response</p>	<p><b>When</b> B receives an omobilites CNR from A <b>Then</b> B sends an omobilites CNR Response to A <b>Then</b> B sends a GET omobilities Request to A <b>And</b> B waits for a response to the GET request</p> <p><b>When</b> B receives GET omobilities Response from A <b>Then</b> B knows that the Nomination is cancelled</p>
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## Scenario 4 Receiving rejects Nomination (Receiving in Dashboard)

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

		<p># after the rejection, the negotiation with HEI B is finished. # HEI A may now nominate the student for another HEI C</p>
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# Examples

## Ex 1 omobilities GET Response (nomination)

```
<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)

```
<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)

```
<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>
```