



# USE CASES AND SCENARIOS

## ACTIVITY 2.4

### Legend

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

**Requests/Responses:** CNR, GET / UPDATE Requests & Responses

# Table of Contents

<b>Scenarios</b>	<b>2</b>
Scenario 1 Accepting before mobility LA	2
Scenario 2 Rejecting before mobility LA	4
Scenario 3 Accepting during mobility LA	7
Scenario 4 Rejecting during mobility LA	9
Scenario 5 Accepting before mobility LA	11
Scenario 6 Rejecting before mobility LA	13
Scenario 7 Accepting during mobility LA	15
Scenario 8 Rejecting during mobility LA	17
<b>Examples</b>	<b>19</b>

# Scenarios

## Scenario 1 Accepting before mobility LA

Sending HEI A		Receiving HEI B: Dashboard-OLA
<p><b>Given</b> that A represents the Sending HEI <b>And</b> a new LA is created <b>When</b> the LA is signed by Student &amp; Sending Responsible <b>Then</b> A sends a CNR <b>And</b> A waits for a CNR LA Response</p> <p><b>When</b> A receives a CNR Response from Dashboard-OLA <b>Then</b> A is sure that Dashboard-OLA received the CNR</p> <p><b>When</b> A receives a GET LA Request from Dashboard-OLA <b>Then</b> A searches for the latest LA ( i.e. the one that is signed by Student and Sending Responsible) <b>And</b> A prepares the LA GET- Response <b>And</b> A sends the LA GET Response (<a href="#">Ex 1</a>) to Dashboard-OLA</p>	<p>→LA CNR</p> <p>←LA CNR Response</p> <p>→GET LA Request</p> <p>→Ex 1 LA GET-Response</p>	<p><b>Given</b> that Dashboard-OLA represents the Receiving HEI B <b>When</b> Dashboard-OLA receives a CNR from A <b>Then</b> Dashboard-OLA sends a CNR LA Response to A <b>And</b> Dashboard-OLA sends a GET LA Request to A <b>And</b> Dashboard-OLA waits for a response to the GET LA request</p> <p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 1</a> GET LA Response <b>Then</b> Dashboard-OLA creates a new local LA # The local LA is created using the omobility-id and changes-proposal id (i.e. the version id) of Ex 1 <b>And</b> Dashboard-OLA maps the fields of the <a href="#">Ex 1</a> GET LA Response to its local LA one by one <b>If</b> the Receiving Responsible Person data can be assumed     <b>Then</b> Dashboard-OLA uses this data to fill the Responsible Person data in its local LA <b>Else</b>     <b>Then</b> Dashboard-OLA copies the data of the Receiving Contact Person to fill the Responsible Person data in its local LA <b>And</b> the local LA is filled <b>And</b> Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is a new LA waiting to be signed</p>

<p> <b>When</b> A receives the <a href="#">Ex 2</a> LA update request from Dashboard-OLA  <b>Then</b> A sends <a href="#">Ex 3</a> LA Update Response with a success `user-message`  <b>And</b> A checks the commitment type (i.e. acceptance)  <b>When</b> A marks it as an acceptance  <b>Then</b> A updates its local LA with the new commitment  <i># the version id of the LA should not change</i> </p> <p> <b>When</b> A receives a new GET LA Request  <b>Then</b> A forms the <a href="#">Ex 4</a> GET LA Response  <i># &lt;changes-proposal/&gt; element is now formed in the &lt;first-version /&gt; element, along with the 3 commitments</i> </p> <p> <b>Each time</b> minor changes are made at the LA  <b>Then</b> A sends a CNR  <i># minor changes do not trigger a new round of signatures</i> </p>	<p>←Ex 2 LA Update Request</p> <p>→ Ex 3 LA Update Response</p>	<p> <b>When</b> the Receiving Responsible signs the LA  <b>Then</b> the local LA is updated with the new commitment  <b>And</b> Dashboard-OLA sends the Update Request <a href="#">Ex 2</a> (i.e. acceptance) to A         </p> <p> <b>When</b> Dashboard-OLA receives <a href="#">Ex 3</a> LA Update Response  <b>Then</b> Dashboard-OLA is sure that A received the update         </p> <p> <b>Each time</b> minor changes are made at the LA  <b>Then</b> Dashboard-OLA sends a CNR  <i># minor changes do not trigger a new round of signatures</i> </p>
--	---	--

## Scenario 2 Rejecting before mobility LA

Sending HEI A			Receiving HEI B: Dashboard-OLA	
<p><b>Given</b> that A represents the Sending HEI</p> <p><b>And</b> a new LA is created</p> <p><b>When</b> the LA is signed by Student &amp; Sending Responsible</p> <p><b>Then</b> A sends a CNR</p> <p><b>And</b> A waits for a CNR LA Response</p>			<p><b>Given</b> that Dashboard-OLA represents the Receiving HEI B</p> <p><b>When</b> Dashboard-OLA receives a CNR from A</p> <p><b>Then</b> Dashboard-OLA sends a CNR LA Response to A</p> <p><b>And</b> Dashboard-OLA sends a GET LA Request to A</p> <p><b>And</b> Dashboard-OLA waits for a response to the GET LA request</p>	
<p><b>When</b> A receives a CNR Response from Dashboard-OLA</p> <p><b>Then</b> A is sure that Dashboard-OLA received the CNR</p>		<p>→LA CNR</p> <p>←LA CNR Response</p> <p>←GET LA Request</p>		
<p><b>When</b> A receives a GET LA Request from Dashboard-OLA</p> <p><b>Then</b> A searches for the latest LA ( i.e. the one that is signed by Student and Sending Responsible)</p> <p><b>And</b> A prepares the LA GET- Response</p> <p><b>And</b> A sends the LA GET Response (<a href="#">Ex 1</a>) to Dashboard-OLA</p>		<p>→ Ex 1 LA GET-Response</p>	<p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 1</a> GET LA Response</p> <p><b>Then</b> Dashboard-OLA creates a new local LA</p> <p># The local LA is created using the omobility-id and changes-proposal id (i.e. version id) of Ex 1</p> <p><b>And</b> Dashboard-OLA maps the fields of the <a href="#">Ex 1</a> GET LA Response to its local LA one by one</p> <p><b>If</b> the Receiving Responsible Person data can be assumed</p> <p>    <b>Then</b> Dashboard-OLA uses this data to fill the Responsible Person data in its local LA</p> <p><b>Else</b></p> <p>    <b>Then</b> Dashboard-OLA copies the data of the Receiving Contact Person to fill the Responsible Person data in its local LA</p> <p><b>And</b> the local LA is filled</p> <p><b>And</b> Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is a new LA waiting to be signed</p> <p><b>When</b> the Receiving Responsible fills a rejection comment and signs the LA</p> <p><b>Then</b> the local LA is updated with the new commitment (i.e. rejection)</p>	
		<p>←Ex 5 LA</p>		

<p> <b>When</b> A receives the <a href="#">Ex 5</a> LA Update Request from Dashboard-OLA  <b>Then</b> A sends <a href="#">Ex 3</a> LA Update Response with a success `user-message`  <b>And</b> A checks the commitment type (i.e. rejection)  <b>When</b> A marks it is an rejection  <b>Then</b> A updates its local LA with the new commitment  <i># the version id of the LA should not change</i> </p> <p> <b>When</b> A receives a new GET LA Request  <b>Then</b> A forms the <a href="#">Ex 6</a> GET LA Response  <i># &lt;changes-proposal/&gt; element is not included</i> </p> <p> <i># A communicates the new round of signatures with CNR</i>  <b>When</b> Student make changes to the LA  <b>And</b> the updated LA is signed by Student &amp; Sending Responsible  <b>Then</b> A sends a CNR  <b>And</b> A waits for a CNR LA Response </p>	<p> <b>Update Request</b> </p> <p> <b>→ Ex 3 LA Update Response</b> </p>	<p> <b>And</b> Dashboard-OLA sends the Update Request <a href="#">Ex 5</a> to A </p> <p> <b>When</b> Dashboard-OLA receives <a href="#">Ex 3</a> LA Update Response  <b>Then</b> Dashboard-OLA is sure that A received the Update </p>
---	--	--

## Scenario 3 Accepting during mobility LA

Sending HEI A		Receiving HEI B: Dashboard-OLA
<p><b>Given</b> that A represents the Sending HEI  <b>And</b> the Student changes the local LA  <i># changes to Tables A2, B2, and/or C2</i>  <b>Then</b> A creates a new version of its local LA</p> <p><b>When</b> the LA is signed by Student &amp; Sending Responsible  <b>Then</b> A sends a CNR  <b>And</b> A waits for a CNR LA Response</p> <p><b>When</b> A receives a CNR Response from Dashboard-OLA  <b>Then</b> A is sure that Dashboard-OLA received the CNR</p> <p><b>When</b> A receives a GET LA Request from Dashboard-OLA  <b>Then</b> A searches for the latest LA (i.e. the one that is signed by Student and Sending Responsible)  <b>And</b> System A prepares the LA GET Response  <i># the LA should contain the first signed by all version, and the new version with the proposed changes</i>  <b>And</b> A sends the LA GET Response (<a href="#">Ex 7</a>) to Dashboard-OLA</p>	<p>→ LA CNR</p> <p>←LA CNR Response</p> <p>←GET LA Request</p> <p>→ Ex 7 LA GET Response</p> <p>←Ex 8 LA</p>	<p><b>Given</b> that Dashboard-OLA represents the Receiving HEI B  <b>When</b> Dashboard-OLA receives a CNR from A  <b>Then</b> Dashboard-OLA sends a CNR LA Response to A  <b>And</b> Dashboard-OLA sends a GET LA Request to A  <b>And</b> Dashboard-OLA waits for a response to the GET LA Request</p> <p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 7</a> GET LA Response  <b>Then</b> Dashboard-OLA creates a new version of its local LA  <i># According to the Ex 7 LA GET Response, Dashboard-OLA creates a new version of the LA with id = '4C159B15BAF222F868493C167125FA324-4'</i>  <b>And</b> Dashboard-OLA maps the fields of the <a href="#">Ex 7</a> GET LA Response to its local LA one by one  <b>And</b> the new version of the local LA is saved  <b>And</b> Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is an updated LA waiting to be signed  <b>When</b> the Receiving Responsible signs the LA  <b>Then</b> the local LA is updated with the new commitment</p>

Update  
Request

→Ex 3 LA  
Update  
Response

# The version id remains the same  
And Dashboard-OLA sends the Update Request Ex 8 (i.e. acceptance) to A

When Dashboard-OLA receives Ex 3 LA Update Response  
Then Dashboard-OLA is sure that A received the Update

When A receives the Ex 8 LA Update Request from Dashboard-OLA  
Then A sends Ex 3 LA Update Response with a success `user-message`  
And A checks the commitment type (i.e. acceptance)  
When A marks it is an acceptance  
Then A updates its local LA with the new commitment  
# the version id of the LA should not change

When A receives a new GET LA Request  
Then A forms the Ex 9 GET LA Response  
# the GET LA Response is now formed with <first-version/> and  
<latest-approved /> elements, along with the 3+3 commitments



## Scenario 4 Rejecting during mobility LA

Sending HEI A		Receiving HEI B: Dashboard-OLA
<p><b>Given</b> that A represents the Sending HEI  <b>And</b> the Student changes the local LA  # changes to Tables A2, B2, and/or C2  <b>Then</b> A creates a new version of its local LA</p> <p><b>When</b> the LA is signed by Student &amp; Sending Responsible  <b>Then</b> A sends a CNR  <b>And</b> A waits for a CNR LA Response</p> <p><b>When</b> A receives a GET LA Request from Dashboard-OLA  <b>Then</b> A searches for the latest LA (i.e. the one that is signed by Student and Sending Responsible)  <b>And</b> System A prepares the LA GET Response  # the LA should contain the first signed by all version, and the new version with the proposed changes  <b>And</b> A sends the LA GET Response (<a href="#">Ex 7</a>) to Dashboard-OLA</p> <p><b>When</b> A receives the <a href="#">Ex 10</a> LA Update Request from Dashboard-OLA  <b>Then</b> A sends <a href="#">Ex 3</a> LA Update Response with a success 'user-message'</p>	<p>→ LA CNR</p> <p>← LA CNR Response</p> <p>← GET LA Request</p> <p>→ Ex 7 LA GET Response</p>	<p><b>Given</b> that Dashboard-OLA represents the Receiving HEI B  <b>When</b> Dashboard-OLA receives a CNR from A  <b>Then</b> Dashboard-OLA sends a CNR LA Response to A  <b>And</b> Dashboard-OLA sends a GET LA Request to A  <b>And</b> Dashboard-OLA waits for a response to the GET LA request</p> <p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 7</a> GET LA Response  <b>Then</b> Dashboard-OLA creates a new version of its local LA  # According to the Ex 7 LA GET Response, Dashboard-OLA creates a new version of the LA with id = '4C159B15BAF222F868493C167125FA324-4'  <b>And</b> Dashboard-OLA maps the fields of the <a href="#">Ex 7</a> GET LA Response to its local LA one by one  <b>And</b> the new version of the local LA is saved  <b>And</b> Dashboard-OLA notifies (email) IRO and Receiving Responsible that a there is an updated LA waiting to be signed  <b>When</b> the Receiving Responsible fills a rejection reason and signs the LA  <b>Then</b> the local LA is updated with the new commitment</p>

<p> <b>And</b> A checks the commitment type (i.e. rejection)  <b>When</b> A marks it as a rejection  <b>Then</b> A updates its local LA with the new commitment  <i># the version id of the LA should not change</i> </p> <p> <b>When</b> A receives a new GET LA Request  <b>Then</b> A forms the <a href="#">Ex 4</a> GET LA Response  <i># the LA should contain only the components that have been signed by all.</i> </p>	<p> ←Ex 10 LA  Update  Request </p> <p> → Ex 3 LA  Update  Response </p>	<p> <i># The version id remains the same</i>  <b>And</b> Dashboard-OLA sends the Update Request <a href="#">Ex 10</a> (i.e. rejection) to A </p> <p> <b>When</b> Dashboard-OLA receives <a href="#">Ex 3</a> LA Update Response  <b>Then</b> Dashboard-OLA is sure that A received the update </p>
---	---	---

## Scenario 5 Accepting before mobility LA

Sending HEI B: Dashboard-OLA		Receiving HEI A
<p><b>Given</b> that Dashboard-OLA represents the Sending HEI B  <b>And</b> a new LA is created  <b>When</b> the LA is signed by Student &amp; Sending Responsible  <b>Then</b> Dashboard-OLA sends a CNR to A  <b>And</b> Dashboard-OLA waits for a CNR LA Response</p> <p><b>When</b> Dashboard-OLA receives a CNR Response from A  <b>Then</b> Dashboard-OLA is sure that A received the CNR</p> <p><b>When</b> Dashboard-OLA receives a GET LA Request from A  <b>Then</b> Dashboard-OLA searches for the latest LA  <i># i.e. the one that is signed by Student and Sending Responsible</i>  <b>And</b> Dashboard-OLA prepares the LA GET Response  <b>And</b> Dashboard-OLA sends the LA GET Response (<a href="#">Ex 11</a>) to A</p> <p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 12</a> LA Update Request from A  <b>Then</b> Dashboard-OLA sends <a href="#">Ex 13</a> LA Update Response with a success `user-message`  <b>And</b> Dashboard-OLA checks the commitment type (i.e. acceptance)  <b>When</b> Dashboard-OLA marks it as an acceptance  <b>Then</b> Dashboard-OLA updates its local LA with the new commitment  <i># the version id of the LA should not change</i>  <b>And</b> Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible that the LA has been signed by Receiving  <b>And</b> the LA is marked as signed by all</p>	<p>→ LA CNR</p> <p>← LA CNR Response</p> <p>←GET LA Request</p> <p>→Ex 11 LA GET Response</p> <p>←Ex 12 LA Update Request</p> <p>→Ex 13 LA Update Response</p>	<p><b>Given</b> that System A represents the Receiving HEI A  <b>When</b> A receives a CNR from Dashboard-OLA  <b>Then</b> A sends a CNR LA Response to Dashboard-OLA  <b>And</b> A sends a GET LA Request to Dashboard-OLA  <b>And</b> A waits for a response to the GET LA Request</p> <p><b>When</b> A receives the <a href="#">Ex 11</a> GET LA Response  <i>#The Receiving Responsible somehow is assumed by A</i>  <b>And</b> the Receiving Responsible signs the LA  <i># the version id of the LA should not change</i>  <b>And</b> A sends the LA Update Request (<a href="#">Ex 12</a>) (i.e. acceptance) to Dashboard-OLA</p> <p><b>When</b> A receives <a href="#">Ex 13</a> LA Update Response  <b>Then</b> A is sure that Dashboard-OLA received the update</p>

<p><b>Each time</b> Dashboard-OLA receives a new GET LA Request</p> <p><b>Then</b> Dashboard-OLA forms the (<a href="#">Ex 14</a>) GET LA Response</p> <p># &lt;changes-proposal/&gt; element is now formed in the &lt;first-version /&gt; element, along with the 3 commitments</p> <p><b>Each time</b> minor changes are made at the LA</p> <p><b>Then</b> Dashboard-OLA sends a CNR to A</p> <p># minor changes do not trigger a new round of signatures</p>		
---	--	--

# Scenario 6 Rejecting before mobility LA

Sending HEI B: Dashboard-OLA		Receiving HEI A
<p><b>Given</b> that Dashboard-OLA represents the Sending HEI B <b>And</b> a new LA is created <b>When</b> the LA is signed by Student &amp; Sending Responsible <b>Then</b> Dashboard-OLA sends a CNR to A <b>And</b> Dashboard-OLA waits for a CNR LA Response</p> <p><b>When</b> Dashboard-OLA receives a CNR Response from A <b>Then</b> Dashboard-OLA is sure that A received the CNR</p> <p><b>When</b> Dashboard-OLA receives a GET LA Request from A <b>Then</b> A searches for the latest LA # i.e. the one that is signed by Student and Sending Responsible <b>And</b> Dashboard-OLA prepares the LA GET Response <b>And</b> Dashboard-OLA sends the LA GET Response (<a href="#">Ex 11</a>) to A</p> <p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 15</a> LA update request from A <b>Then</b> Dashboard-OLA sends <a href="#">Ex 13</a> LA Update Response with a success `user-message` <b>And</b> Dashboard-OLA checks the commitment type (i.e. rejection) <b>When</b> Dashboard-OLA marks it as a rejection <b>Then</b> Dashboard-OLA updates its local LA with the new commitment # the version id of the LA should not change <b>And</b> Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible about the rejection</p> <p><b>When</b> the Student makes changes and signs the LA</p>	<p>→ LA CNR</p> <p>← LA CNR Response</p> <p>←GET LA Request</p> <p>→ Ex 10 LA GET Response</p> <p>←Ex 15 LA Update Request</p> <p>→Ex 13 LA Update Response</p>	<p><b>Given</b> that System A represents the Receiving HEI A <b>When</b> A receives a CNR from Dashboard-OLA <b>Then</b> A sends a CNR LA Response to Dashboard-OLA <b>And</b> A sends a GET LA Request to Dashboard-OLA <b>And</b> A waits for a Response to the GET LA Request</p> <p><b>When</b> A receives the <a href="#">Ex 11</a> GET LA Response #The Receiving Responsible somehow is assumed by A <b>And</b> the Receiving Responsible signs the LA # the version id of the LA should not change <b>Then</b> A sends the LA Update Request <a href="#">Ex 15</a> (i.e. rejection) to A</p>

<p><b>Then</b> Dashboard-OLA creates a new version of the LA <b>And</b> Dashboard-OLA notifies (email) IRO and Receiving Responsible that a LA is waiting to be signed</p> <p><b>When</b> the Sending Responsible signs the LA <b>Then</b> Dashboard-OLA creates a new version of the LA <b>And</b> Dashboard-OLA sends a CNR to A <b>And</b> Dashboard-OLA waits for a CNR LA Response</p> <p># Dashboard-OLA communicates the new round of signatures with CNR <b>When</b> Student make changes to the LA <b>And</b> the updated LA is signed by Student &amp; Sending Responsible <b>Then</b> Dashboard-OLA sends a CNR <b>And</b> Dashboard-OLA waits for a CNR LA Response</p>	<p>→ LA CNR</p> <p>← LA CNR Response</p> <p>←GET LA Request</p>	<p><b>When</b> A receives a CNR from Dashboard-OLA <b>Then</b> A sends a CNR LA Response to Dashboard-OLA <b>And</b> A sends a GET LA Request to Dashboard-OLA <b>And</b> A waits for a response to the GET LA Request</p>
---	---	--

# Scenario 7 Accepting during mobility LA

Sending HEI B: Dashboard-OLA		Receiving HEI A
<p><b>Given</b> that Dashboard-OLA represents the Sending HEI B <b>And</b> the Student changes the local LA # changes to Tables A2, B2, and/or C2 <b>When</b> the Student signs the LA <b>Then</b> Dashboard-OLA creates a new version of its local LA <b>And</b> Dashboard-OLA notifies the IRO / Responsible Person that there is a new LA waiting to be signed <b>When</b> the Responsible Person signs the LA <b>Then</b> Dashboard-OLA creates a new version of its local LA <b>And</b> Dashboard-OLA sends a CNR to A <b>And</b> Dashboard-OLA waits for a CNR LA Response</p> <p><b>When</b> Dashboard-OLA receives a CNR Response from A <b>Then</b> Dashboard-OLA is sure that A received the CNR</p> <p><b>When</b> Dashboard-OLA receives a GET LA Request from A <b>Then</b> Dashboard-OLA searches for the latest LA #i.e. the latest one that is signed by Student and Sending Responsible <b>And</b> Dashboard-OLA prepares the LA GET Response <b>And</b> Dashboard-OLA sends the LA GET Response (<a href="#">Ex 17</a>) to A</p>	<p>→ LA CNR</p> <p>←LA CNR Response</p> <p>←GET LA Request</p> <p>→Ex 17 LA GET Response</p> <p>←Ex 18 LA Update Request</p> <p>→ Ex 3 LA</p>	<p><b>Given</b> that System A represents the Receiving HEI <b>When</b> A receives a CNR from Dashboard-OLA <b>Then</b> A sends a CNR LA Response to Dashboard-OLA <b>And</b> A sends a GET LA Request to Dashboard-OLA <b>And</b> A waits for a response to the GET LA Request</p> <p><b>When</b> A receives the <a href="#">Ex 17</a> GET LA Response #The Receiving Responsible somehow is assumed by A <b>And</b> the Receiving Responsible signs the LA # the version id of the LA should not change <b>And</b> A sends the update request <a href="#">Ex 18</a> (i.e. acceptance) to Dashboard-OLA</p>

<p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 18</a> LA update request from A</p> <p><b>Then</b> Dashboard-OLA sends <a href="#">Ex 3</a> LA Update Response with a success `user-message`</p> <p><b>And</b> Dashboard-OLA checks the commitment type (i.e. acceptance)</p> <p><b>When</b> Dashboard-OLA marks it as an acceptance</p> <p><b>Then</b> Dashboard-OLA updates its local LA with the new commitment</p> <p># the version id of the LA should not change and the GET LA Response should now be formed with the new &lt;latest-approved /&gt;</p> <p><b>And</b> Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible that the LA has been signed by all</p>	<p><b>Update Response</b></p>	<p><b>When</b> A receives <a href="#">Ex 3</a> LA Update Response</p> <p><b>Then</b> A is sure that Dashboard-OLA received the Update</p>
--	-----------------------------------	---



## Scenario 8 Rejecting during mobility LA

Sending HEI B: Dashboard-OLA		Receiving HEI A
<p><b>Given</b> that Dashboard-OLA represents the Sending HEI B  <b>And</b> the Student changes the local LA  <i># changes to Tables A2, B2, and/or C2</i>  <b>When</b> the Student signs the LA  <b>Then</b> Dashboard-OLA creates a new version of its local LA  <b>And</b> Dashboard-OLA notifies IRO and the Responsible Person that a there is a new LA waiting to be signed  <b>When</b> the Responsible Person signs the LA  <b>Then</b> Dashboard-OLA creates a new version of its local LA  <b>And</b> Dashboard-OLA sends a CNR to A  <b>And</b> Dashboard-OLA waits for a CNR LA Response</p> <p><b>When</b> Dashboard-OLA receives a CNR Response from A  <b>Then</b> Dashboard-OLA is sure that A received the CNR</p> <p><b>When</b> Dashboard-OLA receives a GET LA Request from A  <b>Then</b> A searches for the latest LA  <i># i.e. the one that is signed by Student and Sending Responsible</i>  <b>And</b> Dashboard-OLA prepares the LA GET Response  <b>And</b> Dashboard-OLA sends the LA GET Response (<a href="#">Ex 17</a>) to A</p> <p><b>When</b> Dashboard-OLA receives the <a href="#">Ex 20</a> LA update request from A  <b>Then</b> Dashboard-OLA sends <a href="#">Ex 3</a> LA Update Response with a success `user-message`  <b>And</b> Dashboard-OLA checks the commitment type (i.e. rejection)  <b>When</b> Dashboard-OLA marks it as a rejection  <b>Then</b> Dashboard-OLA updates its local LA with the new commitment</p>	<p>→ LA CNR</p> <p>←LA CNR Response</p> <p>←GET LA Request</p> <p>→Ex 17 LA GET Response</p> <p>←Ex 20 LA Update Request</p> <p>→Ex 3 LA Update Response</p>	<p><b>Given</b> that System A represents the Receiving HEI  <b>When</b> A receives a CNR from Dashboard-OLA  <b>Then</b> A sends a CNR LA Response to Dashboard-OLA  <b>And</b> A sends a GET LA Request to Dashboard-OLA  <b>And</b> A waits for a response to the GET LA request</p> <p><b>When</b> A receives the <a href="#">Ex 17</a> GET LA Response  <i>#The Receiving Responsible somehow is assumed by A</i>  <b>And</b> the Receiving Responsible signs the LA  <i># the version id of the LA should not change</i>  <b>Then</b> A sends the LA Update Request <a href="#">Ex 20</a> (i.e. rejection) to Dashboard-OLA</p> <p><b>When</b> A receives <a href="#">Ex 3</a> LA Update Response  <b>Then</b> A is sure that Dashboard-OLA received the Update</p>

# the version id of the LA should not change <b>And</b> Dashboard-OLA notifies (email) Student, IRO and Receiving Responsible about the rejection		
--	--	--

# Examples

## Ex 1 LA GET Response

```
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </receiving-hei>

  <receiving-academic-year-id>2020/2021</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>
    <birth-date>1997-05-05</birth-date>
    <citizenship>GR</citizenship>
    <gender>2</gender>
    <email>nalty@example_a.edu</email>
  </student>

  <start-year-month>2021-02</start-year-month>
```

```
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<changes-proposal id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied> <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>3</value>
      </credit>
    </component>
    <component>
      <los-code>456-EFG</los-code>
      <title>Big Data Mining and Processing</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>4</value>
      </credit>
    </component>
  </components-studied>

  <components-recognized> <!-- Table B -->
    <component>
      <los-code>843-XYZ</los-code>
      <title>Advanced Logic</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
```

```

        <scheme>ects</scheme>
        <value>3</value>
    </credit>
</component>
<component>
    <los-code>542-KML</los-code>
    <title>Big Data</title>
    <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
    </term-id>
    <credit>
        <scheme>ects</scheme>
        <value>5</value>
    </credit>
</component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>
        <credit>
            <scheme>ects</scheme>
            <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
    </component>
</virtual-components>

<!-- Commitments -->
<student-signature>
    <timestamp>2020-12-19T10:43:16+02:00</timestamp>
    <signer-app>System A</signer-app>
</student-signature>

<sending-hei-signature>
    <signer-name>Frank White</signer-name>
    <signer-position>Professor</signer-position>
    <signer-email>frank@system.a.edy</signer-email>
    <timestamp>2020-12-20T12:16:15+02:00</timestamp>
    <signer-app>System A</signer-app>
</sending-hei-signature>

</changes-proposal>

<learning-outcomes-url>https://www.math.system.a.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.b.edu/provisions_url</provisions-url>

```

```
</la>
```

## Ex 2 LA Update Request (acceptance)

```
<omobility-las-update-request>
  <sending-hei-id>example_b.edu</sending-hei-id>
  <approve-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-1</changes-proposal-id>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_b.edu</signer-email>
      <timestamp>2020-12-25T10:16:10+01:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </signature>
  </approve-proposal-v1>
</omobility-las-update-request>
```

## Ex 3 LA Update Response (success)

```
<omobility-las-update-response>
  <success-user-message>The update request was received with success.</success-user-message>
</omobility-las-update-response>
```

## Ex 4 GET LA Response (the first version)

```
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
```

```
<ounit-id>1234</ounit-id>
<contact-person>
  <given-names>Adams</given-names>
  <family-name>Baker</family-name>
  <email>adams@example_a.edu</email>
</contact-person>
</sending-hei>

<receiving-hei>
  <hei-id>example_b.edu</hei-id>
  <ounit-name>Department of Mathematics</ounit-name>
  <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
  <contact-person>
    <given-names>Clark</given-names>
    <family-name>Davis</family-name>
    <email>clark.davis@example_b.edu</email>
  </contact-person>
</receiving-hei>

<receiving-academic-year-id>2020/2021</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>
  <birth-date>1997-05-05</birth-date>
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_a.edu</email>
</student>

<start-year-month>2021-02</start-year-month>
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<first-version id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied> <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
```

```

        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>456-EFG</los-code>
        <title>Big Data Mining and Processing</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>4</value>
        </credit>
    </component>
</components-studied>

```

```

<components-recognized> <!-- Table B -->
    <component>
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

```



```

<virtual-components> <!-- Table C -->
  <component>
    <los-code>789HIJ</los-code>
    <title>Introduction to Matlab (lab)</title>
    <credit>
      <scheme>ects</scheme>
      <value>1</value>
    </credit>
    <short-description>A short description about the matlab laboratory course</short-description>
  </component>
</virtual-components>

<!-- Commitments -->
<student-signature>
  <timestamp>2020-12-19T10:43:16+02:00</timestamp>
  <signer-app>System A</signer-app>
</student-signature>

<sending-hei-signature>
  <signer-name>Frank White</signer-name>
  <signer-position>Professor</signer-position>
  <signer-email>frank@system.a.edy</signer-email>
  <timestamp>2020-12-20T12:16:15+02:00</timestamp>
  <signer-app>System A</signer-app>
</sending-hei-signature>

<receiving-hei-signature>
  <signer-name>Ochoa Patel</signer-name>
  <signer-position>Lecturer</signer-position>
  <signer-email>patel@example_b.edu</signer-email>
  <timestamp>2020-12-25T10:16:10+01:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</receiving-hei-signature>

</first-version>

<learning-outcomes-url>https://www.math.system.a.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.b.edu/provisions_url</provisions-url>

</la>

```

## Ex 5 LA Update Request (rejection)

```

<omobility-las-update-request>
  <sending-hei-id>example_b.edu</sending-hei-id>
  <comment-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-1</changes-proposal-id>
    <comment>Some comment why reject</comment>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_b.edu</signer-email>
      <timestamp>2020-12-25T10:16:10+01:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </signature>
  </comment-proposal-v1>
</omobility-las-update-request>

```

## Ex 6 LA GET Response (rejected by Receiving)

```

<!-- The current LA result is a proposal to be tested during implementation. -->
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </receiving-hei>

  <receiving-academic-year-id>2020/2021</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>
  <birth-date>1997-05-05</birth-date>
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_a.edu</email>
</student>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<iscd-f-code>0541</iscd-f-code>
<iscd-clarification>just a clarification of the iscd</iscd-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

</la>

```

## Ex 7 LA GET Response (with <changes-proposal />)

```

<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
  </receiving-hei>
</la>

```

```
<contact-person>
  <given-names>Clark</given-names>
  <family-name>Davis</family-name>
  <email>clark.davis@example_b.edu</email>
</contact-person>
</receiving-hei>

<receiving-academic-year-id>2020/2021</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>
  <birth-date>1997-05-05</birth-date>
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_a.edu</email>
</student>

<start-year-month>2021-02</start-year-month>
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<iscd-f-code>0541</iscd-f-code>
<iscd-clarification>just a clarification of the iscd</iscd-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<first-version id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied> <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>3</value>
      </credit>
    </component>
    <component>
      <los-code>456-EFG</los-code>
      <title>Big Data Mining and Processing</title>
```

```

        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>4</value>
        </credit>
    </component>
</components-studied>

<components-recognized> <!-- Table B -->
    <component>
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>
        <credit>
            <scheme>ects</scheme>
            <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
    </component>
</virtual-components>

```

```

<!-- Commitments -->
<student-signature>
  <timestamp>2020-12-19T10:43:16+02:00</timestamp>
  <signer-app>System A</signer-app>
</student-signature>

<sending-hei-signature>
  <signer-name>Frank White</signer-name>
  <signer-position>Professor</signer-position>
  <signer-email>frank@system.a.edy</signer-email>
  <timestamp>2020-12-20T12:16:15+02:00</timestamp>
  <signer-app>System A</signer-app>
</sending-hei-signature>

<receiving-hei-signature>
  <signer-name>Ochoa Patel</signer-name>
  <signer-position>Lecturer</signer-position>
  <signer-email>patel@example_b.edu</signer-email>
  <timestamp>2020-12-25T10:16:10+01:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</receiving-hei-signature>

</first-version>

<changes-proposal id="4C159B15BAF222F868493C167125FA324-4">

  <components-studied> <!-- Table A2 -->
    <component status="deleted" reason-code="language-mismatch">
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>3</value>
      </credit>
    </component>

    <component status="inserted" reason-text="a custom reason">
      <los-code>574-MNX</los-code>
      <title>Calculus 201</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>

```

```

        <scheme>ects</scheme>
        <value>5</value>
    </credit>
</component>
</components-studied>

<components-recognized> <!-- Table B2 -->
    <component status="deleted" reason-code="language-mismatch">
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>

    <component status="inserted" reason-text="a custom reason">
        <los-code>032-CAL</los-code>
        <title>Calculus</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<student> <!-- changes at student data could also be made -->
    <birth-date>1998-01-01</birth-date>
</student>

<!-- Commitments -->
<student-signature>
    <timestamp>2021-01-05T19:32:16+02:00</timestamp>
    <signer-app>System A</signer-app>
</student-signature>

<sending-hei-signature>
    <signer-name>Frank White</signer-name>
    <signer-position>Professor</signer-position>
    <signer-email>frank@system.a.edy</signer-email>
    <timestamp>2021-01-07T11:50:15+02:00</timestamp>

```

```

    <signer-app>System A</signer-app>
  </sending-hei-signature>

</changes-proposal>

<learning-outcomes-url>https://www.math.system.a.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.b.edu/provisions_url</provisions-url>

</la>

```

## Ex 8 LA Update Request (acceptance during mobility)

```

<omobility-las-update-request>
  <sending-hei-id>example_b.edu</sending-hei-id>
  <approve-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-4</changes-proposal-id>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_b.edu</signer-email>
      <timestamp>2021-01-08T11:50:15+02:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </signature>
  </approve-proposal-v1>
</omobility-las-update-request>

```

## Ex 9 LA GET Response (with <approved-changes />)

```

<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </sending-hei>
  <approved-changes />
</la>

```



```
</contact-person>
</sending-hei>

<receiving-hei>
  <hei-id>example_b.edu</hei-id>
  <ounit-name>Department of Mathematics</ounit-name>
  <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
  <contact-person>
    <given-names>Clark</given-names>
    <family-name>Davis</family-name>
    <email>clark.davis@example_b.edu</email>
  </contact-person>
</receiving-hei>

<receiving-academic-year-id>2020/2021</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>
  <birth-date>1998-01-01</birth-date> <!-- Student's updated birthdate -->
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_a.edu</email>
</student>

<start-year-month>2021-02</start-year-month>
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<first-version id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied> <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
```

```

        <scheme>ects</scheme>
        <value>3</value>
    </credit>
</component>
<component>
    <los-code>456-EFG</los-code>
    <title>Big Data Mining and Processing</title>
    <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
    </term-id>
    <credit>
        <scheme>ects</scheme>
        <value>4</value>
    </credit>
</component>
</components-studied>

<components-recognized> <!-- Table B -->
    <component>
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>

```

```

        <credit>
          <scheme>ects</scheme>
          <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
      </component>
    </virtual-components>

    <!-- Commitments -->
    <student-signature>
      <timestamp>2020-12-19T10:43:16+02:00</timestamp>
      <signer-app>System A</signer-app>
    </student-signature>

    <sending-hei-signature>
      <signer-name>Frank White</signer-name>
      <signer-position>Professor</signer-position>
      <signer-email>frank@system.a.edy</signer-email>
      <timestamp>2020-12-20T12:16:15+02:00</timestamp>
      <signer-app>System A</signer-app>
    </sending-hei-signature>

    <receiving-hei-signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_b.edu</signer-email>
      <timestamp>2020-12-25T10:16:10+01:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </receiving-hei-signature>

  </first-version>

  <approved-changes id="4C159B15BAF222F868493C167125FA324-4">

    <components-studied> <!-- Table A2 -->
      <component status="deleted" reason-code="language-mismatch">
        <los-code>123-ABC</los-code>
        <title>Advanced Logics for Computer Scientists</title>
        <term-id>
          <term-number>2</term-number>
          <total-terms>2</total-terms>
        </term-id>
        <credit>
          <scheme>ects</scheme>
          <value>3</value>
        </credit>
      </component>

      <component status="inserted" reason-text="a custom reason">

```

```

        <los-code>574-MNX</los-code>
        <title>Calculus 201</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-studied>

<components-recognized> <!-- Table B2 -->
    <component status="deleted" reason-code="language-mismatch">
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>

    <component status="inserted" reason-text="a custom reason">
        <los-code>032-CAL</los-code>
        <title>Calculus</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<student> <!-- changes at student data could also be made -->
    <birth-date>1998-01-01</birth-date>
</student>

<!-- Commitments -->
<student-signature>
    <timestamp>2021-01-05T19:32:16+02:00</timestamp>
    <signer-app>System A</signer-app>

```

```

</student-signature>

<sending-hei-signature>
  <signer-name>Frank White</signer-name>
  <signer-position>Professor</signer-position>
  <signer-email>frank@system.a.edy</signer-email>
  <timestamp>2021-01-07T11:50:15+02:00</timestamp>
  <signer-app>System A</signer-app>
</sending-hei-signature>

<receiving-hei-signature>
  <signer-name>Ochoa Patel</signer-name>
  <signer-position>Lecturer</signer-position>
  <signer-email>patel@example_b.edu</signer-email>
  <timestamp>2021-01-08T11:50:15+02:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</receiving-hei-signature>

</approved-changes>

<learning-outcomes-url>https://www.math.system.a.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.b.edu/provisions_url</provisions-url>

</la>

```

## Ex 10 LA Update Request (rejection during mobility)

```

<omobility-las-update-request>
  <sending-hei-id>example_b.edu</sending-hei-id>
  <comment-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-4</changes-proposal-id>
    <comment>Some other comment why reject</comment>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Assistant Processor</signer-position> <!-- the Responsible might change during mobility -->
      <signer-email>patel@example_b.edu</signer-email>
      <timestamp>2021-01-08T11:50:15+02:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </signature>
  </comment-proposal-v1>
</omobility-las-update-request>

```

## Ex 11 LA GET Response

```
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </receiving-hei>

  <receiving-academic-year-id>2020/2021</receiving-academic-year-id>

  <student>
    <given-names>Nalty</given-names>
    <family-name>Patel</family-name>
    <global-id>urn:schac:personalUniqueCode:int:esi:example_b.edu:85525839</global-id>
    <birth-date>1997-05-05</birth-date>
    <citizenship>GR</citizenship>
    <gender>2</gender>
    <email>nalty@example_b.edu</email>
  </student>

  <start-year-month>2021-02</start-year-month>
  <end-year-month>2021-07</end-year-month>

  <eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

  <iscd-f-code>0541</iscd-f-code>
```

```
<iscd-clarification>just a clarification of the iscd</iscd-clarification>
```

```
<student-language-skill>  
  <language>en</language>  
  <cefr-level>B2</cefr-level>  
</student-language-skill>
```

```
<changes-proposal id="4C159B15BAF222F868493C167125FA324-1">  
  <components-studied> <!-- Table A -->  
    <component>  
      <los-code>123-ABC</los-code>  
      <title>Advanced Logics for Computer Scientists</title>  
      <term-id>  
        <term-number>2</term-number>  
        <total-terms>2</total-terms>  
      </term-id>  
      <credit>  
        <scheme>ects</scheme>  
        <value>3</value>  
      </credit>  
    </component>  
    <component>  
      <los-code>456-EFG</los-code>  
      <title>Big Data Mining and Processing</title>  
      <term-id>  
        <term-number>2</term-number>  
        <total-terms>2</total-terms>  
      </term-id>  
      <credit>  
        <scheme>ects</scheme>  
        <value>4</value>  
      </credit>  
    </component>  
  </components-studied>
```

```
<components-recognized> <!-- Table B -->  
  <component>  
    <los-code>843-XYZ</los-code>  
    <title>Advanced Logic</title>  
    <term-id>  
      <term-number>2</term-number>  
      <total-terms>2</total-terms>  
    </term-id>  
    <credit>  
      <scheme>ects</scheme>  
      <value>3</value>  
    </credit>  
  </component>  
</component>
```

```

        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>
        <credit>
            <scheme>ects</scheme>
            <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
    </component>
</virtual-components>

<!-- Commitments -->
<student-signature>
    <timestamp>2020-12-19T10:43:16+02:00</timestamp>
    <signer-app>Dashboard-OLA</signer-app>
</student-signature>

<sending-hei-signature>
    <signer-name>Frank White</signer-name>
    <signer-position>Professor</signer-position>
    <signer-email>frank@system.b.edy</signer-email>
    <timestamp>2020-12-20T12:16:15+02:00</timestamp>
    <signer-app>Dashboard-OLA</signer-app>
</sending-hei-signature>

</changes-proposal>

<learning-outcomes-url>https://www.math.system.b.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.a.edu/provisions_url</provisions-url>

</la>

```



## Ex 12 LA Update Request (acceptance)

```
<omobility-las-update-request>
  <sending-hei-id>example_a.edu</sending-hei-id>
  <approve-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-1</changes-proposal-id>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_a.edu</signer-email>
      <timestamp>2020-12-25T10:16:10+01:00</timestamp>
      <signer-app>System A</signer-app>
    </signature>
  </approve-proposal-v1>
</omobility-las-update-request>
```

## Ex 13 LA Update Response (success)

```
<omobility-las-update-response>
  <success-user-message>The update request was received with success.</success-user-message>
</omobility-las-update-response>
```

## Ex 14 GET LA Response (the first version)

```
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </sending-hei>
</la>
```

```

    </contact-person>
</sending-hei>

<receiving-hei>
  <hei-id>example_a.edu</hei-id>
  <ounit-name>Department of Mathematics</ounit-name>
  <ounit-id>1234</ounit-id>
  <contact-person>
    <given-names>Adams</given-names>
    <family-name>Baker</family-name>
    <email>adams@example_a.edu</email>
  </contact-person>
</receiving-hei>

<receiving-academic-year-id>2020/2021</receiving-academic-year-id>

<student>
  <given-names>Nalty</given-names>
  <family-name>Patel</family-name>
  <global-id>urn:schac:personalUniqueCode:int:esi:example_b.edu:85525839</global-id>
  <birth-date>1997-05-05</birth-date>
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_b.edu</email>
</student>

<start-year-month>2021-02</start-year-month>
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<first-version id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>

```

```

        <scheme>ects</scheme>
        <value>3</value>
    </credit>
</component>
<component>
    <los-code>456-EFG</los-code>
    <title>Big Data Mining and Processing</title>
    <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
    </term-id>
    <credit>
        <scheme>ects</scheme>
        <value>4</value>
    </credit>
</component>
</components-studied>

<components-recognized> <!-- Table B -->
    <component>
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>

```

```

        <credit>
          <scheme>ects</scheme>
          <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
      </component>
    </virtual-components>

    <!-- Commitments -->
    <student-signature>
      <timestamp>2020-12-19T10:43:16+02:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </student-signature>

    <sending-hei-signature>
      <signer-name>Frank White</signer-name>
      <signer-position>Professor</signer-position>
      <signer-email>frank@system.b.edy</signer-email>
      <timestamp>2020-12-20T12:16:15+02:00</timestamp>
      <signer-app>Dashboard-OLA</signer-app>
    </sending-hei-signature>

    <receiving-hei-signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_a.edu</signer-email>
      <timestamp>2020-12-25T10:16:10+01:00</timestamp>
      <signer-app>System A</signer-app>
    </receiving-hei-signature>

  </first-version>

  <learning-outcomes-url>https://www.math.system.b.edu/learning_outcomes_url</learning-outcomes-url>
  <provisions-url>https://www.math.system.a.edu/provisions_url</provisions-url>
</la>

```

## Ex 15 LA Update Request (rejection)

```

<omobility-las-update-request>
  <sending-hei-id>example_a.edu</sending-hei-id>
  <comment-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-1</changes-proposal-id>
  </comment-proposal-v1>
</omobility-las-update-request>

```

```

    <comment>Some comment why reject</comment>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_a.edu</signer-email>
      <timestamp>2020-12-25T10:16:10+01:00</timestamp>
      <signer-app>System A</signer-app>
    </signature>
  </comment-proposal-v1>
</omobility-las-update-request>

```

## Ex 16 LA GET Response (rejected by Receiving)

```

<!-- The current LA result is a proposal to be tested during implementation. -->
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </receiving-hei>

  <receiving-academic-year-id>2020/2021</receiving-academic-year-id>

  <student>
    <given-names>Nalty</given-names>
    <family-name>Patel</family-name>
    <global-id>urn:schac:personalUniqueCode:int:esi:example_b.edu:85525839</global-id>
  </student>
</la>

```

```
<birth-date>1997-05-05</birth-date>
<citizenship>GR</citizenship>
<gender>2</gender>
<email>nalty@example_b.edu</email>
</student>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

</la>
```

## Ex 17 LA GET Response (with <changes-proposal />)

```
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_a.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>1234</ounit-id>
    <contact-person>
      <given-names>Adams</given-names>
      <family-name>Baker</family-name>
      <email>adams@example_a.edu</email>
    </contact-person>
  </receiving-hei>
</la>
```

```
</receiving-hei>

<receiving-academic-year-id>2020/2021</receiving-academic-year-id>

<student>
  <given-names>Nalty</given-names>
  <family-name>Patel</family-name>
  <global-id>urn:schac:personalUniqueCode:int:esi:example_b.edu:85525839</global-id>
  <birth-date>1997-05-05</birth-date>
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_b.edu</email>
</student>

<start-year-month>2021-02</start-year-month>
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<first-version id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied> <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>3</value>
      </credit>
    </component>
    <component>
      <los-code>456-EFG</los-code>
      <title>Big Data Mining and Processing</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
```

```

        <scheme>ects</scheme>
        <value>4</value>
    </credit>
</component>
</components-studied>

<components-recognized> <!-- Table B -->
    <component>
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>
        <credit>
            <scheme>ects</scheme>
            <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
    </component>
</virtual-components>

<!-- Commitments -->
<student-signature>
    <timestamp>2020-12-19T10:43:16+02:00</timestamp>
    <signer-app>Dashboard-OLA</signer-app>

```



```
</student-signature>
```

```
<sending-hei-signature>
```

```
  <signer-name>Frank White</signer-name>
```

```
  <signer-position>Professor</signer-position>
```

```
  <signer-email>frank@system.b.edy</signer-email>
```

```
  <timestamp>2020-12-20T12:16:15+02:00</timestamp>
```

```
  <signer-app>Dashboard-OLA</signer-app>
```

```
</sending-hei-signature>
```

```
<receiving-hei-signature>
```

```
  <signer-name>Ochoa Patel</signer-name>
```

```
  <signer-position>Lecturer</signer-position>
```

```
  <signer-email>patel@example.a.edu</signer-email>
```

```
  <timestamp>2020-12-25T10:16:10+01:00</timestamp>
```

```
  <signer-app>System A</signer-app>
```

```
</receiving-hei-signature>
```

```
</first-version>
```

```
<changes-proposal id="4C159B15BAF222F868493C167125FA324-4">
```

```
  <components-studied> <!-- Table A2 -->
```

```
    <component status="deleted" reason-code="language-mismatch">
```

```
      <los-code>123-ABC</los-code>
```

```
      <title>Advanced Logics for Computer Scientists</title>
```

```
      <term-id>
```

```
        <term-number>2</term-number>
```

```
        <total-terms>2</total-terms>
```

```
      </term-id>
```

```
      <credit>
```

```
        <scheme>ects</scheme>
```

```
        <value>3</value>
```

```
      </credit>
```

```
    </component>
```

```
    <component status="inserted" reason-text="a custom reason">
```

```
      <los-code>574-MNX</los-code>
```

```
      <title>Calculus 201</title>
```

```
      <term-id>
```

```
        <term-number>2</term-number>
```

```
        <total-terms>2</total-terms>
```

```
      </term-id>
```

```
      <credit>
```

```
        <scheme>ects</scheme>
```

```
        <value>5</value>
```

```
      </credit>
```

```
    </component>
```

```
</components-studied>
```

```
<components-recognized> <!-- Table B2 -->
  <component status="deleted" reason-code="language-mismatch">
    <los-code>843-XYZ</los-code>
    <title>Advanced Logic</title>
    <term-id>
      <term-number>2</term-number>
      <total-terms>2</total-terms>
    </term-id>
    <credit>
      <scheme>ects</scheme>
      <value>3</value>
    </credit>
  </component>

  <component status="inserted" reason-text="a custom reason">
    <los-code>032-CAL</los-code>
    <title>Calculus</title>
    <term-id>
      <term-number>2</term-number>
      <total-terms>2</total-terms>
    </term-id>
    <credit>
      <scheme>ects</scheme>
      <value>5</value>
    </credit>
  </component>
</components-recognized>

<student> <!-- changes at student data could also be made -->
  <birth-date>1998-01-01</birth-date>
</student>

<!-- Commitments -->
<student-signature>
  <timestamp>2021-01-05T19:32:16+02:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</student-signature>

<sending-hei-signature>
  <signer-name>Frank White</signer-name>
  <signer-position>Professor</signer-position>
  <signer-email>frank@system.b.edy</signer-email>
  <timestamp>2021-01-07T11:50:15+02:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</sending-hei-signature>

</changes-proposal>
```

```
<learning-outcomes-url>https://www.math.system.b.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.a.edu/provisions_url</provisions-url>

</la>
```

## Ex 18 LA Update Request (acceptance during mobility)

```
<omobility-las-update-request>
  <sending-hei-id>example_a.edu</sending-hei-id>
  <approve-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-4</changes-proposal-id>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Lecturer</signer-position>
      <signer-email>patel@example_a.edu</signer-email>
      <timestamp>2021-01-08T11:50:15+02:00</timestamp>
      <signer-app>System A</signer-app>
    </signature>
  </approve-proposal-v1>
</omobility-las-update-request>
```

## Ex 19 LA GET Response (with <approved-changes />)

```
<la>
  <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>

  <sending-hei>
    <hei-id>example_b.edu</hei-id>
    <ounit-name>Department of Mathematics</ounit-name>
    <ounit-id>5653486D98511E16E0530B501E0A4594</ounit-id>
    <contact-person>
      <given-names>Clark</given-names>
      <family-name>Davis</family-name>
      <email>clark.davis@example_b.edu</email>
    </contact-person>
  </sending-hei>

  <receiving-hei>
    <hei-id>example_a.edu</hei-id>
```

```
<ounit-name>Department of Mathematics</ounit-name>
<ounit-id>1234</ounit-id>
<contact-person>
  <given-names>Adams</given-names>
  <family-name>Baker</family-name>
  <email>adams@example_a.edu</email>
</contact-person>
</receiving-hei>

<receiving-academic-year-id>2020/2021</receiving-academic-year-id>

<student>
  <given-names>Nalty</given-names>
  <family-name>Patel</family-name>
  <global-id>urn:schac:personalUniqueCode:int:esi:example_b.edu:85525839</global-id>
  <birth-date>1997-05-05</birth-date>
  <citizenship>GR</citizenship>
  <gender>2</gender>
  <email>nalty@example_b.edu</email>
</student>

<start-year-month>2021-02</start-year-month>
<end-year-month>2021-07</end-year-month>

<eqf-level-studied-at-departure>6</eqf-level-studied-at-departure>

<isced-f-code>0541</isced-f-code>
<isced-clarification>just a clarification of the isced</isced-clarification>

<student-language-skill>
  <language>en</language>
  <cefr-level>B2</cefr-level>
</student-language-skill>

<first-version id="4C159B15BAF222F868493C167125FA324-1">
  <components-studied> <!-- Table A -->
    <component>
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>3</value>
      </credit>
    </component>
  </component>
```

```

        <los-code>456-EFG</los-code>
        <title>Big Data Mining and Processing</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>4</value>
        </credit>
    </component>
</components-studied>

<components-recognized> <!-- Table B -->
    <component>
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>
    <component>
        <los-code>542-KML</los-code>
        <title>Big Data</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<virtual-components> <!-- Table C -->
    <component>
        <los-code>789HIJ</los-code>
        <title>Introduction to Matlab (lab)</title>
        <credit>
            <scheme>ects</scheme>
            <value>1</value>
        </credit>
        <short-description>A short description about the matlab laboratory course</short-description>
    </component>
</virtual-components>

```

```

    </component>
</virtual-components>

<!-- Commitments -->
<student-signature>
  <timestamp>2020-12-19T10:43:16+02:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</student-signature>

<sending-hei-signature>
  <signer-name>Frank White</signer-name>
  <signer-position>Professor</signer-position>
  <signer-email>frank@system.b.edy</signer-email>
  <timestamp>2020-12-20T12:16:15+02:00</timestamp>
  <signer-app>Dashboard-OLA</signer-app>
</sending-hei-signature>

<receiving-hei-signature>
  <signer-name>Ochoa Patel</signer-name>
  <signer-position>Lecturer</signer-position>
  <signer-email>patel@example_a.edu</signer-email>
  <timestamp>2020-12-25T10:16:10+01:00</timestamp>
  <signer-app>System A</signer-app>
</receiving-hei-signature>

</first-version>

<approved-changes id="4C159B15BAF222F868493C167125FA324-4">

  <components-studied> <!-- Table A2 -->
    <component status="deleted" reason-code="language-mismatch">
      <los-code>123-ABC</los-code>
      <title>Advanced Logics for Computer Scientists</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>
      </term-id>
      <credit>
        <scheme>ects</scheme>
        <value>3</value>
      </credit>
    </component>

    <component status="inserted" reason-text="a custom reason">
      <los-code>574-MNX</los-code>
      <title>Calculus 201</title>
      <term-id>
        <term-number>2</term-number>
        <total-terms>2</total-terms>

```

```

        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-studied>

<components-recognized> <!-- Table B2 -->
    <component status="deleted" reason-code="language-mismatch">
        <los-code>843-XYZ</los-code>
        <title>Advanced Logic</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>3</value>
        </credit>
    </component>

    <component status="inserted" reason-text="a custom reason">
        <los-code>032-CAL</los-code>
        <title>Calculus</title>
        <term-id>
            <term-number>2</term-number>
            <total-terms>2</total-terms>
        </term-id>
        <credit>
            <scheme>ects</scheme>
            <value>5</value>
        </credit>
    </component>
</components-recognized>

<student> <!-- changes at student data could also be made -->
    <birth-date>1998-01-01</birth-date>
</student>

<!-- Commitments -->
<student-signature>
    <timestamp>2021-01-05T19:32:16+02:00</timestamp>
    <signer-app>Dashboard-OLA</signer-app>
</student-signature>

<sending-hei-signature>
    <signer-name>Frank White</signer-name>
    <signer-position>Professor</signer-position>

```

```

    <signer-email>frank@system.b.edy</signer-email>
    <timestamp>2021-01-07T11:50:15+02:00</timestamp>
    <signer-app>Dashboard-OLA</signer-app>
</sending-hei-signature>

<receiving-hei-signature>
    <signer-name>Ochoa Patel</signer-name>
    <signer-position>Lecturer</signer-position>
    <signer-email>patel@example_a.edu</signer-email>
    <timestamp>2021-01-08T11:50:15+02:00</timestamp>
    <signer-app>System A</signer-app>
</receiving-hei-signature>

</approved-changes>

<learning-outcomes-url>https://www.math.system.b.edu/learning_outcomes_url</learning-outcomes-url>
<provisions-url>https://www.math.system.a.edu/provisions_url</provisions-url>

</la>

```

## Ex 20 LA Update Request (rejection during mobility)

```

<omobility-las-update-request>
  <sending-hei-id>example_a.edu</sending-hei-id>
  <comment-proposal-v1>
    <omobility-id>c442c289-5541-4cae-9edb-8ad83e133</omobility-id>
    <changes-proposal-id>4C159B15BAF222F868493C167125FA324-4</changes-proposal-id>
    <comment>Some other comment why reject</comment>
    <signature>
      <signer-name>Ochoa Patel</signer-name>
      <signer-position>Assistant Processor</signer-position> <!-- the Responsible might change during mobility -->
      <signer-email>patel@example_a.edu</signer-email>
      <timestamp>2021-01-08T11:50:15+02:00</timestamp>
      <signer-app>System A</signer-app>
    </signature>
  </comment-proposal-v1>
</omobility-las-update-request>

```