

10 test case examples from my work out of 22 test cases I did for project 3.

## Team 6 2. Test cases

### Notes API

Gätlin Nurk

#### POST

Test case ID	<b>NPO01: Create a new note - mandatory field filled</b>
Description	Check that is it possible to create a new note with a mandatory field ("content_text") filled.
Precondition	User is authorized.
Test data	<pre>{   "content_text": "Team6 test1" }</pre>
Test steps	1. Send <b>POST</b> : {{baseUrl}}/obj/noterequest
Expected result	<ul style="list-style-type: none"><li>• Successful code: 201 Created</li><li>• A new note is created without any errors:</li></ul> <pre>{   "status": "success",   "id": "1725365391323x462334289236287170" }</pre>

Test case ID	<b>NPO05: Create a new note - incorrect value</b>
Description	Check that it is not possible to create a new note with incorrect value (boolean instead of string).
Precondition	User is authorized.

Test data	<pre>{   "content_text": true }</pre>
Test steps	1. Send <b>POST</b> : {{baseUrl}}/obj/noterequest
Expected result	<ul style="list-style-type: none"> <li>Error code: 400 Bad Request</li> <li>A new note is not created, an error message is displayed: "Invalid data for field content_text: Expected a string, but got a boolean (original data: true)"</li> </ul>

## PATCH

Test case ID	<b>NPA01: Update a note - incorrect value</b>
Description	Check that it is not possible to modify a new note with incorrect value (symbols instead of string).
Precondition	User is authorized; NPO01 successfully completed.
Test data	<pre>{   "content_text": !!!**&amp;&amp; }</pre>
Test steps	1. Send <b>PATCH</b> : {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from NPO01 "Expected result")
Expected result	<ul style="list-style-type: none"> <li>Error code: 400 Bad Request</li> <li>A note is not modified, error message is displayed: Error: Error parsing request body: Unexpected token ! in JSON at position 21</li> </ul> <p>Code: 1725616035045x933862326168879500</p>

## PATCH + GET

Test case ID	<b>NPAG01: Update note and check the data</b>
Description	Check that it is possible to modify a note.
Precondition	User is authorized; NPO01 successfully completed.

Test data	<p>Step 1:</p> <pre>{   "content_text": "Team6 note update" }</pre>
Test steps	<ol style="list-style-type: none"> <li>1. Send <b>PATCH</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from NPO01 “Expected result”)</li> <li>2. Send <b>GET</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from NPO01 “Expected result”)</li> </ol>
Expected result	<p>Step 1: Successful code: 204 No Content, update was successful</p> <p>Step 2: Successful code: 200 OK, note is updated</p>

## PUT

Test case ID	<b>NPU01: Replace a note - incorrect value</b>
Description	Check that it is not possible to modify a new note with incorrect value (numbers instead of string).
Precondition	<p>User is authorized;</p> <p>NPO01 successfully completed.</p>
Test data	<pre>{   "content_text": 87996532 }</pre>
Test steps	<ol style="list-style-type: none"> <li>1. Send <b>PUT</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from NPO01 “Expected result”)</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• Error code: 400 Bad Request</li> <li>• A note is not replaced, error message is displayed: “Invalid data for field content_text: Expected a string, but got a number (original data: 87996532)”</li> </ul>

## POST + PUT + GET

Test case ID	<b>NPOPUG01: Create a note, replace the data and check the changes</b>
Description	Check that it is possible to replace a note.

Precondition	User is authorized.
Test data	<p>Step 1:</p> <pre>{   "content_text": "Team6 test1.2" }</pre> <p>Step 3:</p> <pre>{   "content_text": "Replacing the note of team6" }</pre>
Test steps	<ol style="list-style-type: none"> <li>1. Send <b>POST</b>: {{baseUrl}}/obj/note request</li> <li>2. Copy the id of the new note</li> <li>3. Send <b>PUT</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from Step 2)</li> <li>4. Send <b>GET</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from Step 2)</li> </ol>
Expected result	<p>Step 1: Successful code: 201 Created, new note is created without any errors:</p> <pre>{   "status": "success",   "id": "1725609903882x801669176705024800" }</pre> <p>Step 3: Successful code: 204 No Content, replacing a note was successful</p> <p>Step 4: Successful code: 200 OK, note has been replaced</p>

## PUT + GET

Test case ID	<b>NPUG01: Replace the data of a note and check the changes - no authorization in PUT</b>
Description	Check that it is not possible to replace a note.
Precondition	<p>User is NOT authorized in PUT;</p> <p>NPOPUG01 successfully completed.</p>
Test data	<p>Step 1:</p> <pre>{   "content_text": "Replacing the note of team6 again" }</pre>

Test steps	<ol style="list-style-type: none"> <li>1. Send <b>PUT</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from NPOPUG01 Step 2)</li> <li>2. Send <b>GET</b>: {{baseUrl}}/obj/note/:UniqueID request, input correct UniqueID (taken from NPOPUG01 Step 2)</li> </ol>
Expected result	<p>Step 1: Error code: 401 Unauthorized, message displayed: “You do not have permission to modify this object”</p> <p>Step 2: Successful code: 200 OK, note has not been replaced</p>

## Deals API + Notes API

### GET + PATCH + GET

Test case ID	<b>DNGPAG01: Link a note to the deal - no authorization in PATCH</b>
Description	Check that it is not possible to link a note to the deal without authorization in the PATCH request.
Precondition	<p>User is NOT authorized in PATCH;</p> <p>Some deals exist in the application;</p> <p>NPO01 successfully completed.</p>

Test data	<p>Step 4:</p> <pre>{   "assignee_user": "1625051658962x581289845978797800",   "company_name_text": "Bubba Gump",   "deal_value_estimation_number": 8000,   "description_text": "The Bubba Gump wants to have a brand new website.",   "logo_image":   "//s3.amazonaws.com/appforest_uf/f1625049296722x512338398721930560/13C791FA- 0198-4A81-B64B-E3257E0EC4CF_1_201_a.jpeg?fit=crop&amp;q=75",   "name_text": "New website for Bubba Gump",   "visible_to_list_user": [     "1625051658962x581289845978797800"   ],   "lead_custom_lead": "1625049365252x916368577178632200",   "status_option_status": "In progress",   "funnel_custom_funnel1": "1678718042244x598870217126314000",   "note_list_custom_note": [     "1678718679761x124636083595509760",     "1678718690483x188510294479732740",     "1725365391323x462334289236287170"   ],   "order_number": 1 }</pre>
Test steps	<ol style="list-style-type: none"> <li>1. Send <b>GET</b>: {{baseUrl}}/obj/deal</li> <li>2. Copy deal information of: “Bubba Gump”</li> <li>3. Copy id of the deal of: “Bubba Gump” and input it as UniqueID in <b>PATCH</b>: {{baseUrl}}/obj/deal/:UniqueID</li> <li>4. Send <b>PATCH</b>: {{baseUrl}}/obj/deal/:UniqueIDrequest, add correct “note_list_custom_note” id (taken from NPO01 “Expected result”)</li> <li>5. Send <b>GET</b>: {{baseUrl}}/obj/deal/:UniqueID request, input correct UniqueID (taken from Step 3)</li> </ol>
Expected result	<p>Step 1: Successful code: 200 OK, list of all deals is returned in response.</p> <p>Step 4: Error code: 401 Unauthorized, message displayed: “You do not have permission to modify this object”</p> <p>Step 5: Successful code: 200 OK, note id is not visible in the: “note_list_custom_note” section</p>

Test case ID	<b>DNGPAG02: Link a note to the deal</b>
Description	Check that it is possible to link a note to the deal

Precondition	<p>User is authorized;</p> <p>Some deals exist in the application;</p> <p>NPO01 successfully completed.</p>
Test data	<p>Step 4:</p> <pre>{   "assignee_user": "1625051658962x581289845978797800",   "company_name_text": "Bubba Gump",   "deal_value_estimation_number": 8000,   "description_text": "The Bubba Gump wants to have a brand new website.",   "logo_image":   "//s3.amazonaws.com/appforest_uf/f1625049296722x512338398721930560/13C791FA- 0198-4A81-B64B-E3257E0EC4CF_1_201_a.jpeg?fit=crop&amp;q=75",   "name_text": "New website for Bubba Gump",   "visible_to_list_user": [     "1625051658962x581289845978797800"   ],   "lead_custom_lead": "1625049365252x916368577178632200",   "status_option_status": "In progress",   "funnel_custom_funnel1": "1678718042244x598870217126314000",   "note_list_custom_note": [     "1678718679761x124636083595509760",     "1678718690483x188510294479732740",     "1725365391323x462334289236287170"   ],   "order_number": 1 }</pre>
Test steps	<ol style="list-style-type: none"> <li>1. Send <b>GET</b>: {{baseUrl}}/obj/deal</li> <li>2. Copy deal information of: “Bubba Gump”</li> <li>3. Copy id of the deal of: “Bubba Gump” and input it as UniqueID in <b>PATCH</b> :{{baseUrl}}/obj/deal/:UniqueID</li> <li>4. Send <b>PATCH</b>: {{baseUrl}}/obj/deal/:UniqueIDrequest, add correct “note_list_custom_note” id (taken from NPO01 “Expected result”)</li> <li>5. Send <b>GET</b>: {{baseUrl}}/obj/deal/:UniqueID request, input correct UniqueID (taken from Step 3)</li> </ol>
Expected result	<p>Step 1: Successful code: 200 OK, list of all deals is returned in response.</p> <p>Step 4: Successful code: 204 No Content, adding a note was successful</p> <p>Step 5: Successful code: 200 OK, added note id is visible in the: “note_list_custom_note” section</p>

Test case ID	<b>DNGPAG03: Link a note to multiple deals</b>
Description	Check that it is possible to link a note to multiple deals.
Precondition	<p>User is authorized;</p> <p>Some deals exist in the application;</p> <p>NPO01 successfully completed;</p> <p>NGPA02 successfully completed.</p>
Test data	<p>Step 4:</p> <pre> {     "assignee_user": "1625047373081x778685405315052900",     "company_name_text": "Stonye",     "deal_value_estimation_number": 300,     "description_text": "Determine wether team chemistry is right and understand what modification should be done.",     "logo_image":     "//s3.amazonaws.com/appforest_uf/f1625060020121x284193349144459940/ Screenshot%202021-06-30%20at%2016.33.31.png",     "name_text": "Assemble crew",     "stage_custom_stage": "1625047817853x119627538480651550",     "visible_to_list_user": [         "1625047373081x778685405315052900"     ],     "lead_custom_lead": "1625060090315x604167927242424300",     "status_option_status": "Won",     "note_list_custom_note": [         "1725365391323x462334289236287170"     ],     "file_list_custom_data_file": [         "1647262794715x376755327337758700",         "1647262830545x113983646886789120"     ],     "order_number": -15 } </pre>
Test steps	<ol style="list-style-type: none"> <li>1. Send <b>GET</b>: {{baseUrl}}/obj/deal</li> <li>2. Copy deal information of: “Stonye”</li> <li>3. Copy id of the deal of: “Stonye” and input it as UniqueID in <b>PATCH</b> :{{baseUrl}}/obj/deal/:UniqueID</li> <li>4. Send <b>PATCH</b>: {{baseUrl}}/obj/deal/:UniqueIDrequest, add correct “note_list_custom_note” id (taken from NPO01 “Expected result”)</li> </ol>



	5. Send <b>GET</b> : {{baseUrl}}/obj/deal/:UniqueID request, input correct UniqueID (taken from Step 3)
Expected result	<p>Step 1: Successful code: 200 OK, list of all deals is returned in response.</p> <p>Step 4: Successful code: 204 No Content, adding a note was successful</p> <p>Step 5: Successful code: 200 OK, added note id is visible in the: “note_list_custom_note” section, the same note is now included in 2 deals (NGPAG02 + NGPAG03)</p>