

Team 6 - 3. End-to-end test cases

Add your end-to-end test cases here.

Sten E2E

▼ Sten: Managing Leads and Deals

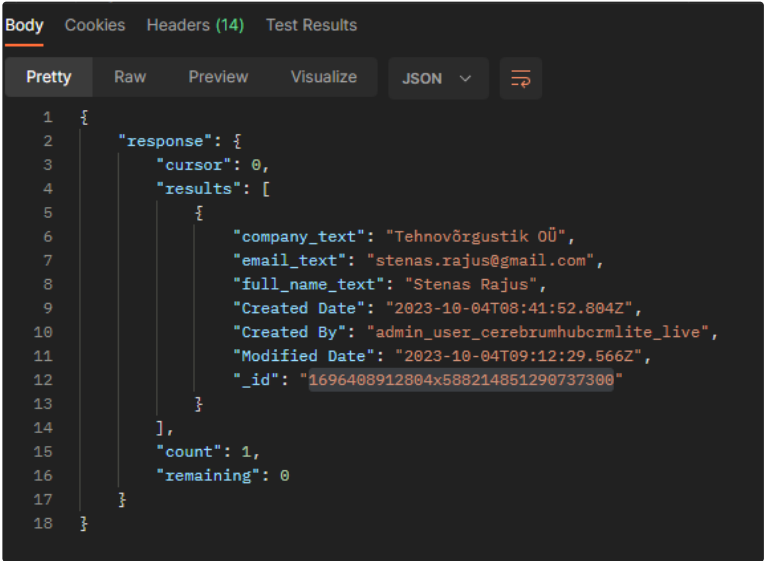
Managing leads E2E test cases

Test case ID	MD-1. Create a lead via API
Description	Creating a new lead is possible via API
Precondition	-
Test data	<pre>1 { 2 "company_text": "Elektrivõrgustik OÜ", 3 "email_text": "stenas.pajus@gmail.com", 4 "full_name_text": "Stenas Pajus" 5 }</pre>
Test steps	1. Send POST <code>https://cerebrumhubcrlite.bubbleapps.io/api/1.1/obj/lead</code>
Expected result	1. Successful code: 201 Created 2. New lead has been created successfully.

Test case ID	MD-2. Newly created lead is visible in UI
Description	The lead which was created in an API is visible in the UI
Precondition	Test case MD-1 was successful
Test data	-
Test steps	1. Log in to CerebrumHub_CRM_Lite 2. Navigate to "Leads" 3. Click on "Filter by company" and search "Elektrivõrgustik OÜ"
Expected result	1. able to access the CRM platform 2. "Leads" page loads and showcases all the leads by default 3. Once searching "Elektrivõrgustik OÜ" via "Filter by company", no other lead other than "Elektrivõrgustik OÜ" shows up

Test case ID	MD-3. Able to modify newly created lead in UI
Description	It is possible to modify data of newly created lead in UI
Precondition	Test case MD-2. was successful
Test data	Newly created lead with the company name "Elektrivõrgustik OÜ".
Test steps	1. Click on the "pencil" icon to modify the lead 2. Change: a. Full name from "Stenas Pajus" to "Stenas Rajus" b. email from "Elektrivõrgustik OÜ" to "Tehnovõrgustik OÜ"


	c. full name from "stenas.pajus@gmail.com" to "stenas.rajus@gmail.com" 3. Click "Save"
Expected result	1. The "pencil" icon works to modify the lead 2. Able to change data in all fields 3. Once the user has clicked "Save", the changes are visible in the UI.

Test case ID	MD-3a. Able to find modified lead via API
Description	The user is able to find the modified lead in the API with modified values
Precondition	Test case MD-3. was successful
Test data	-
Test steps	1. Send GET <code>{{BaseUrl}}/obj/lead?constraints=[{ "key": "company_text", "constraint_type": "equals", "value": "Tehnovõrgustik OÜ"}]</code>
Expected result	1. Successful code: 200 created 2. The modified lead in UI is successfully found via API 3. The API presents the user the found lead with modified data and the UniqueID , save it for future use. 

Test case ID	MD-4. Able to change data via API
Description	The user is able to change data via API which will reflect in the UI
Precondition	Test case MD-3a. was successful
Test data	UniqueID: 1696408912804x588214851290737300 <pre>1 { 2 "company_text": "Elektrivõrgustik OÜ", 3 "email_text": "stenas.pajus@gmail.com", 4 "full_name_text": "Stenas Pajus" 5 }</pre>

Test steps	1. Send PATCH https://cerebrumhubcrmlite.bubbleapps.io/api/1.1/obj/lead/:UniqueID , set correct UniqueID (Taken from MD-2b. , expected result 3)
Expected result	<ol style="list-style-type: none"> Successful code: 204 created When checking the "Deals" page in the UI, the data for the lead has been changed: <ol style="list-style-type: none"> company name from "Tehnovõrgustik OÜ" to "Elektrivõrgustik OÜ", email from "stenas.rajus@gmail.com" to "stenas.pajus@gmail.com", full name from "Stenas Rajus" to "Stenas Pajus"

Test case ID	MD-5. Create a new deal from UI
Description	The user is able to create a deal from the UI for the newly created lead
Precondition	Test case MD-2. was successful
Test data	-
Test steps	<ol style="list-style-type: none"> Open Deals page Click on '+ New deal' to add a new deal <ol style="list-style-type: none"> Add deal Lead Full Name: Stenas Pajus <ol style="list-style-type: none"> Company and email should autofill once full name chosen. Fill in the remaining information: <ol style="list-style-type: none"> Deal name: "Energy costs down to zero!" Assignee: "Kevin McCallister" Sales funnel: "Offers funnel" Deal description: "Advertisement for Estonia to bring energy costs to 0." Approx value: 50,000 Funnels stage: "Offer in progress"
Expected result	<ol style="list-style-type: none"> Step a(i): Company and Lead Email will get populated automatically based on the lead full name. Once the deal is created, the user is re-directed to "Offers funnel" page in Deals where the newly created deal is visible in "Offer in progress".

Test case ID	MD-5a. Able to modify deal data in UI and upload new files
Description	The user is able to change data and upload new files in the UI
Precondition	Test case MD-5. was successful
Test data	Elektrivõrgustik OÜ Deal in "Offers funnel".
Test steps	<ol style="list-style-type: none"> Find "Elektrivõrgustik OÜ" in the "offers in progress" section Click on the little pencil icon next to the deal name Once clicked, the user is redirected to a new window where the user is able to modify and upload new data of "Elektrivõrgustik OÜ" deal. Change the "Assignee" from Kevin McCallister to Devin Booker Add new notes under "3. Attachments" that says: <ol style="list-style-type: none"> "The contract of the deal, please validate and get back to me by EOW." Click "Click to upload file" under "3. Attachments" Upload the test file:  Test file.pdf Once uploaded, click "Save" at the bottom of the page.

	<p>9. Once saved, click on the deal to review new data.</p> <p>10. Info of the deal is opened either in a separate window or side-window.</p>
Expected result	<ol style="list-style-type: none"> 1. The user is able to modify data of the existing deal 2. The user is able to upload new files to the deal 3. The user is able to validate the changes by clicking "Save" 4. The user is able to see changed data by clicking on the deal (Elektrivõrgustik OÜ)

Test case ID	MD-5b. Able to see deal data via API
Description	The user is able to see the data of the deal via API
Precondition	Test case MD-5. was successful
Test data	-
Test steps	<ol style="list-style-type: none"> 1. Send GET <code>https://cerebrumhubcrmlite.bubbleapps.io/api/1.1/obj/deal?constraints=[{"key": "name_text", "constraint_type": "equals", "value": "Energy costs down to zero!"}]</code>
Expected result	<ol style="list-style-type: none"> 1. Successful code: 200 OK 2. The deal has all the information visible in the response. Save the UniqueID for future testing 3. Data is correctly stored.

Test case ID	MD-6. Able to modify notes description in Deals via API
Description	The user is able to modify the description of the deal via API
Precondition	Test case MD-5a. was successful
Test data	<pre> 1 { 2 "description_text": "Advertisement for Estonia to bring energy costs to unbeliev 3 }</pre>
Test steps	<ol style="list-style-type: none"> 1. Send PATCH <code>https://cerebrumhubcrmlite.bubbleapps.io/api/1.1/obj/deal/:UniqueID</code> Set correct UniqueID (taken from MD-5, expected result 2)
Expected result	<ol style="list-style-type: none"> 1. Successful code: 204 No Content 2. The description of the deal "Energy costs down to zero!" is changed and visible in the UI

Test case ID	MD-7. Deal can be marked as "Won" in the UI
Description	The user is able to mark the deal as "won" in the UI
Precondition	Test case MD-6. was successful
Test data	-
Test steps	<ol style="list-style-type: none"> 1. Navigate to Deals 2. Choose "Offers funnel" 3. click on "Energy costs down to zero!" Deal 4. Once the new window opened, click "Won" 5. Won button is twice as large now with "lost" button disappeared

Expected result	<ol style="list-style-type: none"> 1. Once “won” is clicked, the deal is marked as “won” and moved out of the “Offers funnel” funnel deals. 2. The deal is still available to check from the “history”.
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Test case ID	MD-7a. able to check the status of the deal in API
Description	The user is able to check in what status a deal is in the API
Precondition	Test case MD-7. was successful
Test data	-
Test steps	Send GET <code>https://cerebrumhubcrmlite.bubbleapps.io/api/1.1/obj/deal/:UniqueID</code> , Set correct UniqueID (taken from MD-5 , expected result 2)
Expected result	<ol style="list-style-type: none"> 1. status code: 200 OK 2. <code>"status_option_status": "won",</code>

▼ Sten: New user flow and basic permissions testing

New user flow and basic permissions testing

Test case ID	NU-1. Create a new user via API
Description	Creating a new user via the API is possible.
Precondition	-
Test data	<p>Any email you have access to perform further testing. This flow is using the following test data:</p> <pre> 1 { 2 "email_text": "sten392@hotmail.com", 3 "link_opened_boolean": false 4 }</pre>
Test steps	1. Send POST <code>https://cerebrumhubcrmlite.bubbleapps.io/obj/magicuser/</code>
Expected result	<ol style="list-style-type: none"> 1. Successful code: 201 Created. 2. New user has been created successfully.

Test case ID	NU-2. The newly created user is visible in the UI
Description	After the creation of the new user in the API, the user is visible in the UI.
Precondition	Test case MD-1 was successful.
Test data	-
Test steps	1. go to “Team”.
Expected result	1. The user has been created and is currently under “Pending” status.

Test case ID	NU-3. Account activation
Description	For the user to access the CRM site, they would need to activate their account from the link they receive via email.

Precondition	NU-1. was executed successfully
Test data	
Test steps	<ol style="list-style-type: none"> 1. The user must receive an email from CRM platform. 2. The email must contain an activation link. 3. once clicked on the link, the user is re-directed to the CRM website logged in 4. Once redirected, the user must choose their name and password. 5. Once done, the user clicks "save" to save their data.
Expected result	<ol style="list-style-type: none"> 1. The user receives a confirmation link. 2. Once the link is clicked, the user is redirected to CRM site. 3. Once they've chosen their name and password and clicked "Save", the user is able to log in to the CRM site.

Test case ID	NU-4. Able to change the account's data in the UI.
Description	The user is able to change their name, email and password in the UI.
Precondition	NU-3. was executed successfully.
Test data	-
Test steps	<ol style="list-style-type: none"> 1. Navigate to "Profile" 2. Change the following details: <ol style="list-style-type: none"> a. full name b. email c. password 3. For the changes to take effect, they'd have to confirm their current password.
Expected result	<ol style="list-style-type: none"> 1. The user is able to change their full name, email and password

Test case ID	NU-5. The user is able to create lead
Description	The newly created user(demo/public) has the ability to create a lead
Precondition	NU-3. was executed successfully
Test data	Name: Regular Tester Email: regularuser@gmail.com Company: Regular Inc
Test steps	<ol style="list-style-type: none"> 1. Navigate to "Leads" 2. Click on "Add new lead" 3. Add the info visible in Test Data 4. Click "Add lead".
Expected result	<ol style="list-style-type: none"> 1. The regular user is able to create a lead 2. The regular user is able to see the lead on the screen

Test case ID	NU-6. The user is able to create a deal
Description	The newly created user(demo/public) has the ability to create a deal

Precondition	NU-5. was executed successfully
Test data	-
Test steps	<ol style="list-style-type: none"> 1. Navigate to "Deals" 2. Click "+ NEW DEAL" 3. Add "Regular" as full name. 4. Choose the following information: <ol style="list-style-type: none"> a. Deal title: Regular b. Assignee: test100@demo.com c. Deal description: Test d. Sales funnel: Offers funnel e. Funnels stage: offer in progress f. approximate value: 45,000 5. Scroll to the bottom and click save
Expected result	<ol style="list-style-type: none"> 1. Step 3- company and email is autofilled 2. The user is able to add all information and save the deal. 3. The user is able to see the deal in "Offer in progress" under "Offers funnel" funnel.

Test case ID	NU-7. The user is able to delete a lead
Description	The newly created user(demo/public) has the ability to create a deal
Precondition	NU-5. was executed successfully
Test data	Name: Regular Tester Email: regularuser@gmail.com Company: Regular Inc Deal: Regular
Test steps	<ol style="list-style-type: none"> 1. Navigate to "Leads" 2. Find the correct lead 3. Click "x" right next to the pencil icon under "action" column. 4. A pop-up will appear to confirm the action 5. Click "Yes, delete"
Expected result	<ol style="list-style-type: none"> 1. The user is able to delete the lead they've created

Test case ID	NU-8. The user is able to delete a deal
Description	The newly created user(demo/public) has the ability to create a deal they've created
Precondition	NU-6. was executed successfully
Test data	Deal: Regular
Test steps	<ol style="list-style-type: none"> 1. Navigate to "Deals" 2. Find the deal by using the "Offers funnel" funnel 3. Click "x" right next to the pencil icon in the deal called "Regular" 4. A pop-up will appear to confirm the action

	5. Click "Yes, delete"
Expected result	1. The user is able to delete the deal they've created

Richard E2E

▼ Richard: Data comparison between API and UI (Leads API)

Test case ID	LD1. Create new lead with full Dataset
Description	It is possible to create to a new lead with full dataset
Precondition	
Test data	<pre> 1 { 2 "company_text": "RICHARD TESTCO", 3 "email_text": "richard.testco@gmail.com", 4 "full_name_text": "Richard Olerterey Agbenu" 5 }</pre>
Test steps	1. Send POST {baseUrl}/obj/lead with only required fields
Expected result	<ul style="list-style-type: none"> • Successful code: 201 Created • Object is created without any errors

Test case ID	LD2. Create a new lead without email address data
Description	It should not be possible to create a new lead without email address data
Precondition	-
Test data	<pre> 1 { 2 "company_text": "AGBENU TESTCO", 3 "email_text": "", 4 "full_name_text": "Richard Agbenu" 5 }</pre>
Test steps	1. Send POST {baseUrl}/obj/lead with mandatory email_text empty
Expected result	<ul style="list-style-type: none"> • Error code: 400 Bad Request • Object is not created, error message is shown "message": "NO_EMAIL_TEXT", "translation": "Please include an email"

Test case ID	LD3. Create a new lead with incorrect company name type value
Description	It should not be possible to create lead with wrong name type data
Precondition	
Test data	

	<pre> 1 { 2 "company_text": "AGBENU 12345", 3 "email_text": "agbenurichard@yahoo.com", 4 "full_name_text": "Richard Olerterey" 5 } </pre>
Test steps	1. Send POST {baseUrl}/obj/lead with company_text having wrong values or data
Expected result	<ul style="list-style-type: none"> Error code: 400 Bad Request Object is not created, error message is shown "status": "INVALID DATA", "message": "Invalid data for field company_text: Expected a string, but got a boolean (original data: AGBENU 12345)"

Test case ID	LD4. New Lead created in the API is visible in the UI
Description	To check if the created Lead in API is also seen in the user interface
Precondition	LD1 is created and successfully seen in API
Test data	
Test steps	1. Open Leads page : CerebrumHub_CRM_Lite 2. Go to filter company and scroll to find "RICHARD TESTCO"
Expected result	Newly created Lead should be seen in the UI

Test case ID	LD5. Check if wrong deal details created in LD2 is seen on UI
Description	Check if the wrong creation of the lead is also seen in UI
Precondition	Created Lead without email address in LD2
Test data	
Test steps	1. Open Leads page : CerebrumHub_CRM_Lite 2. Go to filter company and scroll to find "AGBENU TESTCO"
Expected result	Error should be prompted in API and should not be seen in UI

Test case ID	LD6. Check if the deal with wrong name details created in LD3 is seen on UI
Description	Check if the wrong company name values on API is also seen in UI
Precondition	Created Lead with wrong company name values in LD3
Test data	
Test steps	1. Open Leads page : CerebrumHub_CRM_Lite 2. Go to filter company and scroll to find "AGBENU 12345"
Expected result	The Error which should be prompted in API , should also not be seen in UI

Test case ID	MU1. Create new Magicuser with correct dataset or values in API
Description	It should be possible to create new Magicuser in the API with no problems
Precondition	-
Test data	<pre> 1 { 2 "email_text": "RICHIE@yahoo.com", 3 "link_opened_boolean": true 4 } </pre>
Test steps	1. Send POST {baseUrl}/obj/magicuser with required field and data
Expected result	<ul style="list-style-type: none"> • Successful code: 201 Created • Object is created without any errors

Test case ID	MU2. Check if the Magicuser created in MU1 is seen in UI
Description	To check if the created Magicuser in API is also seen in the user interface
Precondition	Magicuser is created successfully in the in MU1.
Test data	
Test steps	<ol style="list-style-type: none"> 1. Open Teams Page CerebrumHub_CRM_Lite 2. Invite Magicuser created in MU1 3. Scroll to see if it appears in the list
Expected result	Newly created Magicuser in API should be seen in also in the UI

Test case ID	
Description	
Precondition	-
Test data	

Test steps

- 1.
- 2.

Expected result