

API Test cases, Mirando

Deals API

PATCH (Mirando)

PUT (Mirando)

DELETE (Mirando)

CRM platform baseUrl: `https://cerebrumhubcrmlite.bubbleapps.io/ api/1.1`

Deals API

PATCH (Mirando)

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| Test case ID | DPA001: Modify deal data by ID - assignee user |
| Description | It is possible to change the assignee user of a deal |
| Precondition | User is authorized, has ID's of existing deal and assignee |
| Test data | <pre>1 { 2 "assignee__user": "1625051658962x581289845978797800" 3 }</pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 Success. Deal data updated Step 2: Successful code: 200 OK, deal retrieved with updated assignee |

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| Test case ID | DPA002: Modify deal data by ID with non-existing assignee |
| Description | It is <u>impossible</u> to replace the assignee user of a deal with a user that does not exist in the system |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre>1 { 2 "assignee__user": "{{randomBitcoin}}" 3 }</pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> |
| Expected result | Step 1: Error code: 400 with error message: "Invalid data for field assignee__user: object with id "{{randomBitcoin}}" does not exist" |

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| Test case ID | DPA003: Modify deal data by ID - deal status |
| Description | It is possible to change the status of a deal, possible values: "Lost", "Won", "In progress" |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre> 1 { 2 "status_option_status": "Lost" 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 Success. Deal data updated Step 2: Successful code: 200 OK, deal retrieved with updated status |

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| Test case ID | DPA004: Modify deal data by ID - invalid status |
| Description | It is <u>impossible</u> to change the status of a deal to a non-existing one (only "Lost", "Won", "In progress" are accepted) |
| Precondition | User is authorized, has ID's of existing deal |
| Test data | <pre> 1 { 2 "status_option_status": "Rejected" 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> |
| Expected result | Step 1: Error code 400 - Database retrieval failure with error message: "Invalid data for field status_option_status: could not parse this as a Status" |

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| Test case ID | DPA005: Modify deal data by ID - deal name |
| Description | It is possible to change the name of a deal |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre> 1 { 2 "name_text": "{{randomProductName}}" 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 Success. Deal data updated Step 2: Successful code: 200 OK, deal retrieved with updated name |

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| Test case ID | DPA006: Modify deal data by ID - company name |
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| Description | It is possible to change the company name in a deal |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre> 1 { 2 "company_name_text": "{{randomCompanyName}}" 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 Success. Deal data updated Step 2: Successful code: 200 OK, deal retrieved with updated company name |

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| Test case ID | DPA007: Modify deal data by ID - logo image |
| Description | It is possible to change the company logo |
| Precondition | User is authorized, has ID of an existing deal and an image link of a company logo |
| Test data | <pre> 1 { 2 "logo_image": 3 "https://t4.ftcdn.net/jpg/02/72/68/27/240_F_272682747_dTQ9c1Pi8itVGkWZ2KaoYsPGAC8osoWL.jpg" 4 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 No Content Step 2: Successful code: 200 OK, deal is updated with a new logo |

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| Test case ID | DPA008: Modify deal data by ID - deal value |
| Description | It is possible to change the value of a deal |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre> 1 { 2 "deal_value_estimation_number": 99999 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 Success. Deal data updated Step 2: Successful code: 200 OK, deal retrieved with updated value |

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| Test case ID | DPA009: Modify deal data by ID - negative deal value |
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| Description | It is <u>impossible</u> to change the value of a deal to a negative integer |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre> 1 { 2 "deal_value_estimation_number": -99999 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> |
| Expected result | Step 1: Error code 400 - "Invalid data for field deal_value_estimation_number" |

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| Test case ID | DPA010: Modify deal data by ID - visibility to user |
| Description | It is possible to change the visibility of a deal between users |
| Precondition | User is authorized, has ID's of existing deal and user |
| Test data | <pre> 1 { 2 "visible_to_list_user": [3 "1625051658962x581289845978797800" 4] 5 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET : <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code: 204 Success. Deal data updated Step 2: Successful code: 200 OK, deal retrieved with updated user the deal is visible to |

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| Test case ID | DPA011: Modify deal data by ID - visibility and non-existing user |
| Description | It is <u>impossible</u> to change the visibility of a deal to a user that does not exist in the system |
| Precondition | User is authorized, has ID of an existing deal |
| Test data | <pre> 1 { 2 "visible_to_list_user": [3 "{{randomUserName}}" 4] 5 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> |
| Expected result | Step 1: Error code 400 - "Invalid data for field visible_to_list_user: object with this id does not exist: {{randomUserName}}" |

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| Test case ID | DPA012: Modify deal data by ID - funnel and stage |
| Description | It is possible to modify the linked funnel and stage of a deal |
| Precondition | User is authorized, has ID's of an existing deal, funnel and corresponding stage |

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| Test data | <pre> 1 { 2 "funnel_custom_funnel1": "1717100456625x294001810691325950" 3 , 4 "stage_custom_stage": "1717100457763x149274193275954050" 5 } </pre> |
| Test steps | <ol style="list-style-type: none"> 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> 2. Send GET: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | <p>Step 1: Successful code: 204 Success. Deal data updated</p> <p>Step 2: Successful code: 200 OK, deal retrieved with updated funnel and corresponding stage</p> |

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| Test case ID | DPA013: Modify deal data by ID - funnel without stage |
| Description | It is <u>impossible</u> to change the funnel of a deal without specifying the stage in that funnel |
| Precondition | User is authorized, has ID's of an existing deal and funnel |
| Test data | <pre> 1 { 2 "funnel_custom_funnel1": "1717100456625x294001810691325950" 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> |
| Expected result | Step 1: Error code 400 - Database retrieval failure |

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| Test case ID | DPA014: Modify deal data by ID - no authorization |
| Description | It is <u>impossible</u> to modify a deal without being authorized |
| Precondition | User is <u>not</u> authorized, has ID of existing deal |
| Test data | <pre> 1 { 2 "assignee__user": "1625051658962x581289845978797800", 3 "company_name_text": "Team3TestCompany", 4 "deal_value_estimation_number": 99999, 5 "description_text": "The deal of a lifetime", 6 "file_list_custom_data_file": [7], 8 "logo_image": "", 9 "funnel_custom_funnel1": 10 "1678718113594x500417408037027840", 11 "lead_custom_lead": "1625048776390x403304338754371600", 12 "name_text": "Team3GreatestDeal", 13 "order_number": 1, 14 "stage_custom_stage": "1625057730229x365618917885623500", 15 "status_option_status": "In progress", 16 "visible_to_list_user": [17 "1625051658962x581289845978797800" 18] 19 } </pre> |

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| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID</code> |
| Expected result | Step 1: Error code 401 Unauthorized with a message: "You do not have permission to modify this object" |

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| Test case ID | DPA015: Modify deal data with non-existent ID |
| Description | It is <u>impossible</u> to modify a deal with ID that does not exist in the system |
| Precondition | User is authorized |
| Test data | <pre> 1 { 2 "assignee__user": "1717570596945x942763751965267500" 3 } </pre> |
| Test steps | 1. Send PATCH request: <code>{{baseUrl}}/obj/deal?UniqueID=123456789</code> |
| Expected result | Step 1: Error 404 - Not found |

PUT (Mirando)

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| Test case ID | DPU001: Replace deal data by ID - all fields |
| Description | It is possible to replace a deal with a new deal |
| Precondition | User is authorized and has an ID of existing deal |
| Test data | <pre> 1 { 2 "assignee__user": "1625051658962x581289845978797800", 3 "company_name_text": 4 "Team3TestCompanyPUT_ALL_FIELDS", 5 "deal_value_estimation_number": 99999, 6 "description_text": "The deal of a lifetimePUT_ALL_FIELDS", 7 "name_text": "Team3GreatestDealPUT_ALL_FIELDS", 8 "stage_custom_stage": 9 "1717100457763x149274193275954050", 10 "visible_to_list_user": [11 "1625051658962x581289845978797800" 12], 13 "status_option_status": "In progress", 14 "funnel_custom_funnel1": 15 "1717100456625x294001810691325950", 16 "file_list_custom_data_file": [], 17 "order_number": 1 18 } </pre> |
| Test steps | 1. Send PUT request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> 2. Send GET request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Successful code 204 No Content Step 2: Successful code 200 OK with a deal including all the updated data in response |

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| Test case ID | DPU002: Replace deal data by ID - empty fields |
| Description | It is possible to replace a deal with a new deal leaving all fields empty |
| Precondition | User is authorized and has an ID of existing deal |
| Test data | <pre> 1 { 2 "assignee__user": null, 3 "company_name_text": null, 4 "deal_value_estimation_number": null, 5 "description_text": null, 6 "name_text": null, 7 "stage_custom_stage": null, 8 "visible_to_list_user": [9 null 10], 11 "status_option_status": null, 12 "funnel_custom_funnel1": null, 13 "file_list_custom_data_file": [], 14 "order_number": null 15 }</pre> |
| Test steps | <ol style="list-style-type: none"> 1. Send PUT request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> 2. Send GET request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | <p>Step 1: Successful code 204 No Content</p> <p>Step 2: Successful code 200 OK with a deal with empty fields in response</p> |

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| Test case ID | DPU003: Replace deal data by ID - empty body |
| Description | It is <u>impossible</u> to replace a deal with a new deal leaving body empty |
| Precondition | User is authorized and has an ID of existing deal |
| Test data | <pre> 1</pre> |
| Test steps | <ol style="list-style-type: none"> 1. Send PUT request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Error code 400 Bad request is shown |

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| Test case ID | DPU004: Replace deal data by ID - no authorization |
| Description | It is <u>impossible</u> to replace a deal with a new deal without being authorized |
| Precondition | User is <u>not</u> authorized and has an ID of existing deal |
| Test data | <pre> 1 { 2 "assignee__user": "NO_AUTH", 3 "company_name_text": "NO_AUTH", 4 "deal_value_estimation_number": 99999, 5 "description_text": "NO_AUTH", 6 "name_text": "Team3GreatestDealNO_AUTH", 7 "stage_custom_stage": 8 "1717100457763x149274193275954050", 9 }</pre> |

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| | <pre> 8 "visible_to_list_user": [9 "1625051658962x581289845978797800" 10], 11 "status_option_status": "In progress", 12 "funnel_custom_funnel1": 13 "1717100456625x294001810691325950", 14 "file_list_custom_data_file": [], 15 "order_number": 1 16 } </pre> |
| Test steps | 1. Send PUT request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: 401 Unauthorized with error message: "You do not have permission to modify this object" |

DELETE (Mirando)

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| Test case ID | DDE001: Delete deal data by ID |
| Description | It is possible to delete a deal with unique ID |
| Precondition | User is authorized and has an ID of existing deal |
| Test data | - |
| Test steps | 1. Send DELETE request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> 2. Send GET request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: 200 OK No content Step 2: 404 Not found with message: "Missing object of type deal: object with id "ID deleted in previous step" does not exist" |

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| Test case ID | DDE002: Delete deal data by ID - no authorization |
| Description | It is <u>impossible</u> to delete a deal with unique ID without being authorized |
| Precondition | User is <u>not</u> authorized and has an ID of existing deal |
| Test data | - |
| Test steps | 1. Send DELETE request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Error code 401 Unauthorized with error message: "You do not have permission to delete this object" |

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| Test case ID | DDE003: Delete deal data using non-existent ID |
| Description | It is <u>impossible</u> to delete a deal using an ID that does not exist in the system |
| Precondition | User is authorized |
| Test data | <code>"UniqueID": "{{\${randomBitcoin}}}"</code> |

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| Test steps | 1. Send DELETE request: <code>{{baseUrl}}/obj/deal/:UniqueID</code> |
| Expected result | Step 1: Error code 404 Not found with error message: "Missing object of type deal: object with id {{\$randomBitcoin}} does not exist" |