

## Deals API

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| Test Case ID    | TC001  |
| Description     | Retrieve all deals.  |
| Precondition    | At least one deal exists.  |
| Test Data       |  |
| Test Steps      | 1. Send GET <code>{{baseUrl}}/obj/deal</code>                          |
| Expected Result | <b>Code:</b> 200 OK<br><b>Result:</b> A list of all deals is returned. |

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| Test Case ID    | TC002  |
| Description     | Retrieve a deal by ID  |
| Precondition    | A deal with ID<br><code>1733053243947x148886298660913860</code><br>exists.         |
| Test Data       | <b>Deal ID:</b><br><code>1733053243947x148886298660913860</code>                   |
| Test Steps      | 1. Send GET<br><code>{{baseUrl}}/obj/deal/1696871347281x809656922762748800.</code> |
| Expected Result | <b>Code:</b> 200 OK<br><b>Result:</b> Details of the deal are returned.            |

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| Test Case ID    | TC003  |
| Description     | Retrieve a deal with a non-existent ID.                          |
| Precondition    |  |
| Test Data       | <b>Deal ID:</b> 00000000000000                                   |
| Test Steps      | 1. Send GET<br><code>{{baseUrl}}/obj/deal/00000000000000.</code> |
| Expected Result | <b>Code:</b> 404 Not Found                                       |

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|  | <b>Result:</b> Error message: "Deal not found." |
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| <b>Test Case ID</b> | <b>TC004</b>   |
| Description         | Create a new deal with minimum fields.   |
| Precondition        |  |
| Test Data           | <b>Request Body:</b><br><pre>{   "assignee__user":     "1696659261091x541239446325940200",   "name_text": "New Campaign",   "deal_value_estimation_number": 5000,   "status_option_status": "In progress"}</pre> |
| Test Steps          | 1. Send GET /obj/1. Send POST {{baseUrl}}/obj/deal with the request body.  |
| Expected Result     | <b>Code:</b> 201 Created<br><b>Result:</b> New deal is created successfully.   |

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| <b>Test Case ID</b> | <b>TC005</b>   |
| Description         | Create a deal with missing mandatory fields.   |
| Precondition        |  |
| Test Data           | <b>Request Body:</b><br><pre>{   "name_text": "Campaign without user" }</pre>            |
| Test Steps          | 1. Send POST {{baseUrl}}/obj/deal with the request body missing assignee__user.          |
| Expected Result     | <b>Code:</b> 400 Bad Request<br><b>Result:</b> Error message: "Missing required fields." |

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| <b>Test Case ID</b> | <b>TC006</b>             |
| Description         | Modify an existing deal. |

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| Precondition    | A deal with ID<br>1733058619065x706383876992604500 exists.   |
| Test Data       | <b>Deal ID:</b><br>1733058619065x706383876992604500<br><b>Request Body:</b><br>{<br>"deal_value_estimation_number": 10000<br>} |
| Test Steps      | 1. Send PATCH<br>{{baseUrl}}/obj/deal/1733058619065x706383876992604500 with the request body.                                  |
| Expected Result | <b>Code:</b> 204 No Content<br><b>Result:</b> Deal data is updated successfully.   |

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| <b>Test Case ID</b> | <b>TC007</b>   |
| Description         | Attempt to modify a deal with a non-existent ID.   |
| Precondition        |  |
| Test Data           | <b>Deal ID:</b> 0000000000000<br><b>Request Body:</b><br>{<br>"deal_value_estimation_number": 10000<br>} |
| Test Steps          | 1. Send PATCH<br>{{baseUrl}}/obj/deal/00000000000000 with the request body.                              |
| Expected Result     | <b>Code:</b> 404 Not Found<br><b>Result:</b> Error message: "Deal not found."                            |

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| <b>Test Case ID</b> | <b>TC008</b>   |
| Description         | Replace an existing deal.                                  |
| Precondition        | A deal with ID<br>1625048131815x332253337528303600 exists. |
| Test Data           | <b>Deal ID:</b><br>1625048131815x332253337528303600        |

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|                 | <b>Request Body:</b><br><pre>{   "name_text": "Replaced Deal" }</pre>   |
| Test Steps      | 1. Send <b>PUT</b><br><pre>{{baseUrl}}/obj/deal/1625048131815x332253337528303600</pre> with the request body. |
| Expected Result | <b>Code:</b> 204 No Content<br><b>Result:</b> Deal data is replaced successfully.                             |

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| <b>Test Case ID</b> | <b>TC009</b>   |
| Description         | Delete an existing deal.   |
| Precondition        | A deal with ID<br><pre>1696871347281x809656922762748800</pre> exists.                      |
| Test Data           | <b>Deal ID:</b> 1696871347281x809656922762748800   |
| Test Steps          | 1. Send <b>DELETE</b><br><pre>{{baseUrl}}/obj/deal/1696871347281x809656922762748800.</pre> |
| Expected Result     | <b>Code:</b> 204 No Content<br><b>Result:</b> Deal is deleted successfully.                |

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| <b>Test Case ID</b> | <b>TC010</b>  |
| Description         | Attempt to delete a non-existent deal.  |
| Precondition        |   |
| Test Data           | <b>Deal ID:</b> 00000000000000  |
| Test Steps          | 1. Send <b>DELETE</b><br><pre>{{baseUrl}}/obj/deal/00000000000000.</pre>      |
| Expected Result     | <b>Code:</b> 404 Not Found<br><b>Result:</b> Error message: "Deal not found." |

## Notes API

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| <b>Test Case ID</b> | <b>TC011</b>  |
| Description         | Retrieve the list of all notes.                                     |
| Precondition        | At least one note exists.   |
| Test Data           | 1. Send <b>GET</b> <code>{{baseUrl}}/obj/note</code> .              |
| Test Steps          | 1. Send <b>DELETE</b> <code>/obj/deal/12345</code> .                |
| Expected Result     | <b>Code:</b> 200 OK<br><b>Result:</b> List of all notes is returned |

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| <b>Test Case ID</b> | <b>TC012</b>  |
| Description         | Retrieve a note by ID.  |
| Precondition        | A note with ID <b>123456789</b> exists.                                 |
| Test Data           | <b>Note ID:</b> 123456789   |
| Test Steps          | 1. Send <b>GET</b> <code>{{baseUrl}}/obj/note/123456789</code> .        |
| Expected Result     | <b>Code:</b> 200 OK<br><b>Result:</b> Details of the note are returned. |

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| <b>Test Case ID</b> | <b>TC013</b>  |
| Description         | Retrieve a note with a non-existent ID.                                       |
| Precondition        |   |
| Test Data           | <b>Note ID:</b> 00000000000000  |
| Test Steps          | 1. Send <b>GET</b> <code>{{baseUrl}}/obj/note/00000000000000</code> .         |
| Expected Result     | <b>Code:</b> 404 Not Found<br><b>Result:</b> Error message: "Note not found." |

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| <b>Test Case ID</b> | <b>TC014</b>       |
| Description         | Create a new note. |

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| Precondition    |  |
| Test Data       | <b>Request Body:</b><br><pre>{   "content_text": "This is a test note" }</pre> |
| Test Steps      | 1. Send <b>POST</b> <code>{{baseUrl}}/obj/note</code> with the request body.   |
| Expected Result | <b>Code:</b> 201 Created<br><b>Result:</b> Note is created successfully.       |

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| <b>Test Case ID</b> | <b>TC015</b>  |
| Description         | Delete a note.  |
| Precondition        | A note with ID <code>123456789</code> exists.                               |
| Test Data           | <b>Note ID:</b> 123456789   |
| Test Steps          | 1. Send <b>DELETE</b> <code>{{baseUrl}}/obj/note/123456789</code> .         |
| Expected Result     | <b>Code:</b> 204 No Content<br><b>Result:</b> Note is deleted successfully. |

## Users API

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| <b>Test Case ID</b> | <b>TC016</b>   |
| Description         | Retrieve the list of all users.                                      |
| Precondition        | At least one user exists.  |
| Test Data           |  |
| Test Steps          | 1. Send <b>GET</b> <code>{{baseUrl}}/obj/user</code> .               |
| Expected Result     | <b>Code:</b> 200 OK<br><b>Result:</b> List of all users is returned. |

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| <b>Test Case ID</b> | <b>TC017</b> |
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| Description     | Retrieve a user by ID.   |
| Precondition    | A user with ID<br>1696659261091x541239446325940200 exists.           |
| Test Data       | <b>User ID:</b><br>1696659261091x541239446325940200                  |
| Test Steps      | 1. Send GET<br>{{baseUrl}}/obj/user/1696659261091x541239446325940200 |
| Expected Result | <b>Code:</b> 200 OK<br><b>Result:</b> User details are returned.     |

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| <b>Test Case ID</b> | <b>TC018</b>  |
| Description         | Retrieve a user with a non-existent ID.                                       |
| Precondition        |   |
| Test Data           | <b>User ID:</b> 00000000000000  |
| Test Steps          | 1. Send GET<br>{{baseUrl}}/obj/user/00000000000000.                           |
| Expected Result     | <b>Code:</b> 404 Not Found<br><b>Result:</b> Error message: "User not found." |

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| <b>Test Case ID</b> | <b>TC019</b>   |
| Description         | Search for users with specific criteria.   |
| Precondition        | Users exist matching the criteria.   |
| Test Data           | Search criteria: "name = Admin"  |
| Test Steps          | 1. Send GET<br>{{baseUrl}}/obj/user?name=Admin.  |
| Expected Result     | <b>Code:</b> 200 OK<br><b>Result:</b> List of users matching the criteria is returned. |

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| <b>Test Case ID</b> | <b>TC020</b> |
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| Description     | Test API authentication.  |
| Precondition    |   |
| Test Data       | Invalid API token: "0000000000"   |
| Test Steps      | 1. Send any request with an invalid token.  |
| Expected Result | <b>Code: 401 Unauthorized</b><br><b>Result: Error message: "Authentication failed."</b> |