

	TEST SCENARIO		No. T_001
	<b>Project name:</b> Testing Trello application's REST API using Postman		<b>Author:</b> Paulina Szybińska
	<b>Test scope:</b> Performing CRUD operations in the Boards module		<b>Type of tests:</b> Functional tests
Tested elements	Name	Version	Description
	Trello	<a href="https://trello.com">https://trello.com</a> <a href="https://developer.atlassian.com/cloud/trello/rest/">https://developer.atlassian.com/cloud/trello/rest/</a>	Trello is a web-based project management tool that uses boards, lists, and cards to help individuals and teams organize and prioritize tasks and projects.



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_01	<p><b>Test objective:</b> Adding a board with a valid name to the "Trello API 2023" workspace.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman and is correctly logged in. The Trello workspace 'Trello API 2023' exists.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the Postman application home screen, click the "Collections" icon located in the upper-left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API".</li><li>3. Click on the folder icon named "Boards".</li><li>4. Click on the folder icon named "Create a board".</li><li>5. Click on the request named "Create a board with a valid name".</li><li>6. From the request creation form menu bar, select the first option "Params".</li><li>7. In the displayed table, in the row where the Key is "name", enter the words "Valid name" in the active Value field.</li><li>8. Click the "Send" button located in the upper-right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>In the "Trello API 2023" workspace, there exists a board named "Valid name" with a unique id. The HTTP response code is "200 OK", and the Test Results value is 5/5.</p>	PASSED
		<p><b>Test value:</b></p> <p>A board named "Valid name" is created. The HTTP response code is "200 OK" and the Test Results are 5/5.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_02	<p><b>Test objective:</b> Adding a board with no name to workspace “Trello API 2023”.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman and is correctly logged in. The Trello workspace 'Trello API 2023' exists.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. Click on the “Collections” icon located in the upper left corner of the Postman application main screen.</li><li>2. From the displayed list of collections, click on the collection named “The Trello REST API” next to the above-mentioned icon.</li><li>3. Click on the folder named “Boards”.</li><li>4. Click on the folder named “Create a board”.</li><li>5. Click on the request named “Create a board with no name”.</li><li>6. From the request creation form menu bar, select the first option “Params”.</li><li>7. In the displayed table, leave the Value field completely empty for the row whose Key is “name”.</li><li>8. Click on the “Send” button located in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>There is no board without a name in the “Trello API 2023” workspace.</p> <p>The HTTP response code is “400 Bad Request”, and Test Results are 2/2.</p> <p>The message in the request body is:</p> <pre>{"message": "invalid value for name", "error": "ERROR"}</pre>	PASSED
		<p><b>Test value:</b></p> <p>No board is created without a name in the “Trello API 2023” workspace.</p> <p>The HTTP response code is “400 Bad Request”, and Test Results are 2/2.</p> <p>The request body displays the message:</p> <pre>{"message": "invalid value for name", "error": "ERROR"}</pre>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_03	<p><b>Test objective:</b> Adding a board with a name consisting only of space(s) to the workspace "Trello API 2023".</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is logged in correctly. The Trello workspace 'Trello API 2023' exists.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. Click on the "Collections" icon on the main screen of the Postman application, located in the upper left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API" located next to the above icon.</li><li>3. Click on the folder icon named "Boards".</li><li>4. Click on the folder icon named "Create a board".</li><li>5. Click on the request named "Create a board with a name that consists of only a space or spaces".</li><li>6. From the request creation form menu bar, select the first option "Params".</li><li>7. In the displayed table, in the row where Key is "name", enter a single space in the Value field.</li><li>8. Click the "Send" button located in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>In the workspace "Trello API 2023", there is no board whose name consists of a space or spaces.</p> <p>The HTTP response code is "400 Bad Request", the Test Results value is 2/2, and the request body message is:</p> <pre>{"message":"invalid value for name","error":"ERROR"}.</pre>	PASSED
		<p><b>Test value:</b></p> <p>The HTTP response code is "400 Bad Request", and the Test Results are 2/2. The request body displays the message:</p> <pre>{"message":"invalid value for name","error":"ERROR"}.</pre> <p>A board whose name consists only of a space does not get created.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_04	<p><b>Test objective:</b> Adding a board with a name that consists of special characters to the workspace "Trello API 2023".</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is logged in correctly. The Trello workspace 'Trello API 2023' exists.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the main screen of the Postman application, click on the "Collections" icon located in the upper left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API" located next to the icon mentioned above.</li><li>3. Click on the "Boards" folder icon.</li><li>4. Click on the "Create a board" folder icon.</li><li>5. Click on the request named "Create a board with a name that consists of special characters".</li><li>6. From the request creation form menu bar, select the first option "Params."</li><li>7. In the displayed table, in the row with the Key "name," enter the expression "*Name! &amp; \$ " in the Value field.</li><li>8. Click the "Send" button in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>In the workspace "Trello API 2023," there is a board with a name that contains special characters.</p> <p>The HTTP response code is "200 OK," and the Test Results value is 2/2.</p>	<p><b>INCONCLUSIVE</b></p> <p>(Check Bug report)</p>
		<p><b>Test value:</b></p> <p>The HTTP response code is "200 OK," and Test Results is 2/2. A board with the name "*Name! &amp; \$" is created.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_05	<p><b>Test objective:</b> Retrieving an existing board from the "Trello API 2023" workspace.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman and is correctly logged in. The workspace named "Trello API 2023" exists on Trello and contains at least one board.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the main screen of the Postman application, click on the "Collections" icon located in the upper left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API."</li><li>3. Click on the "Boards" folder icon.</li><li>4. Click on the "Get a board" folder icon.</li><li>5. Click on the "Get a board" request.</li><li>6. Click the "Send" button located in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The HTTP response code is "200 OK," and the Test Results show 2/2.</p> <p>The board is correctly retrieved.</p>	PASSED
		<p><b>Test value:</b></p> <p>The HTTP response code is "200 OK," and the Test Results show 2/2.</p> <p>The single board is retrieved, and the request body displays its data.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_06	<p><b>Test objective:</b> Fetching all boards existing in the workspace "Trello API 2023".</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is correctly logged in. The Trello workspace named "Trello API 2023" exists and contains at least one board.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the Postman application's main screen, click on the "Collections" icon located in the top left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API" located next to the above icon.</li><li>3. Click on the folder icon named "Boards".</li><li>4. Click on the folder icon named "Get a board".</li><li>5. Click on the request named "Get all boards".</li><li>6. Click the "Send" button located in the top right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The HTTP response code is "200 OK", the Test Results value is 3/3, and all boards are correctly read.</p>	PASSED
		<p><b>Test value:</b></p> <p>The HTTP response code is "200 OK", and the Test Results are 3/3. All boards are fetched, and the request body displays their data.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_07	<p><b>Test objective:</b> Updating a board name with a proper new name value in the "Trello API 2023" workspace.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is correctly logged into them. There is at least one board in the "Trello API 2023" workspace.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the Postman application main screen, click on the "Collections" icon located in the upper-left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API" located next to the icon mentioned above.</li><li>3. Click on the "Boards" folder icon.</li><li>4. Click on the "Update a board" folder icon.</li><li>5. Click on the request named "Update the name of the board to the correct new name value".</li><li>6. From the request creation form menu bar, select the first option "Body."</li><li>7. In the displayed menu, select the "Raw" option. Then click on the word "Text" and select "JSON" from the expanded list.</li><li>8. In the body text field, type: {"name": "New board name"}.</li><li>9. Click on the "Send" button located in the upper-right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The board name is updated and its name is "New board name."</p> <p>The HTTP response code is "200 OK," and the Test Results value is 4/4.</p>	PASSED
		<p><b>Test value:</b></p> <p>The board name is changed to "New board name." The HTTP response code is "200 OK," and the Test Results value is 4/4. The request body displays the data with the new board name.</p>	





ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_08	<p><b>Test objective:</b> Updating the board name to consist of only space or spaces in the "Trello API 2023" workspace.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is correctly logged into them. There is at least one board in the "Trello API 2023" workspace.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. Click on the "Collections" icon on the Postman application's home screen, located in the upper left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API".</li><li>3. Click on the folder icon named "Boards".</li><li>4. Click on the folder icon named "Update a board".</li><li>5. Click on the request named "Update the board name to consist of only one space or multiple spaces".</li><li>6. From the menu bar in the request creation form, select the first option "Body".</li><li>7. In the displayed menu, select the option "Raw". Then click on the word "Text" and select "JSON" from the expanded list.</li><li>8. In the body text field, enter: <code>{"name": "  "}</code> (three spaces).</li><li>9. Click the "Send" button in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The board name is not changed.</p> <p>The HTTP response code is "400 Bad Request", and the Test Results value is 2/2.</p>	PASSED
		<p><b>Test value:</b></p> <p>The board name is not updated.</p> <p>The HTTP response code is "400 Bad Request", and the Test Results are 2/2.</p> <p>The request body displays the message: <code>{"message": "invalid value for name", "error": "ERROR"}</code>.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_09	<p><b>Test objective:</b> Updating a board name with no name value in the "Trello API 2023" workspace.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is correctly logged into them. There is at least one board in the "Trello API 2023" workspace.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the Postman main screen, click on the "Collections" icon located in the upper left corner of the screen.</li><li>2. From the displayed collection list, click on the collection named "The Trello REST API" next to the above icon.</li><li>3. Click on the "Boards" folder icon.</li><li>4. Click on the "Update a board" folder icon.</li><li>5. Click on the "Update the name of the board to include no name value" request.</li><li>6. From the request creation form menu bar, select the first option "Body".</li><li>7. In the displayed menu, select the "Raw" option. Then click on the word "Text" and select "JSON" from the drop-down list.</li><li>8. In the body text field, enter: <code>{"name": ""}</code> (Do not enter anything in the value text field).</li><li>9. Click the "Send" button in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The board name is not changed.</p> <p>The HTTP response code is "400 Bad Request", and the Test Results are 2/2.</p>	PASSED
		<p><b>Test value:</b></p> <p>The board name is not updated.</p> <p>The HTTP response code is "400 Bad Request", and the Test Results are 2/2.</p> <p>The request body displays the message: <code>{"message": "invalid value for name", "error": "ERROR"}</code>.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_10	<p><b>Test objective:</b> Updating the name of the board to include special characters in the workspace "Trello API 2023".</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is correctly logged into them. There is at least one board in the "Trello API 2023" workspace.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. Click on the "Collections" icon on the main Postman screen, located in the upper-left corner of the screen.</li><li>2. From the displayed list of collections, click on the collection named "The Trello REST API".</li><li>3. Click on the "Boards" folder icon.</li><li>4. Click on the "Update a board" folder icon.</li><li>5. Click on the request named "Update the name of the board to include special characters".</li><li>6. From the menu bar in the request creation form, select the first option "Body".</li><li>7. In the displayed menu, select the "Raw" option. Then click on the word "Text" and select "JSON" from the drop-down list.</li><li>8. In the body text field, enter: {"name": "100% one again"}.</li><li>9. Click the "Send" button in the upper-right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The board name is updated to "100% once again".</p> <p>The HTTP response code is "200 OK", and the value of Test Results is 2/2.</p>	PASSED
		<p><b>Test value:</b></p> <p>The board name is updated to "100% once again".</p> <p>The HTTP response code is "200 OK", and Test Results is 2/2. The request body displays the data with the new board name.</p>	



ID	TEST	OUTCOME	STATUS/ TEST EVALUATION
TC_11	<p><b>Test objective:</b> Deleting a board from the "Trello API 2023" workspace.</p> <p><b>Prerequisites:</b> The user has an active account in the Trello application and Postman, and is correctly logged into them. There is at least one board in the "Trello API 2023" workspace.</p> <p><b>Action:</b></p> <ol style="list-style-type: none"><li>1. On the main screen of the Postman application, click on the "Collections" icon located in the upper left corner of the screen.</li><li>2. From the list of collections shown, click on the collection named "The Trello REST API".</li><li>3. Click on the folder icon named "Boards".</li><li>4. Click on the folder icon named "Delete a board".</li><li>5. Click on the request named "Delete a board".</li><li>6. Press the "Send" button located in the upper right corner of the screen.</li></ol>	<p><b>Expected value:</b></p> <p>The board is deleted.</p> <p>The HTTP response code is "200 OK", and the Test Results value is 2/2.</p>	PASSED
		<p><b>Test value:</b></p> <p>The board is deleted.</p> <p>The HTTP response code is "200 OK", and the Test Results are 2/2. The request body displays the message {"_value": null}.</p>	

DATE	PREPARED	APPROVED
25.03.2023	Paulina Szybińska	