

Rest API Auto Tests

Documentation:

1. Docker-compose.yml – file required to set up Docker container
2. Img_1.png – instruction how to set up Docker container
3. Reporting-Portal-API-Spec.pdf – API documentation

Pre-Steps

	Steps	Expected Result
1.	Install and run Docker container using docker-compose.yml.	Web App is set and running in Docker.

Test Case 1

Description: Test covers initial authorization / login process, communication with API via API requests, smooth navigation over the page, adding the project and its components (tests, including logs, screenshots etc.).

	Test Steps	Test Data	Expected Result
1.	Navigate to webpage.	-	Authorization pop-up is displayed.
2.	Pass authorization.	Password: password Login: login	Authorization is passed. User is re-directed to main page.
3.	Generate authorization token via API request, pass it to cookies and refresh the page.	-	Token is generated. Footer displays current version of task: "Version: 2".
4.	Choose "Nexage" project.	-	"Nexage" project menu is open.
5.	Check if test cases on the first page are sorted descending by create date.	-	Tests are sorted descending by date.
6.	Retrieve test cases for "Nexage" project via API request and validate that response is JSON (40% chance response will be in different format).	Nexage project id: 1	Test cases from API are retrieved. Response is JSON.
7.	Check if test cases on the first page of the project correspond to the received list from API.		Test cases from both lists match.
8.	Click "Home" button.	-	Main page is open.
9.	Click "+Add" button.	-	Add project form is open.
10.	Pass project name to add new project and click "Save project" button.	-	Message about successful adding of the project is displayed.
11.	Close current window and refresh the main page.	-	User's project is present on the list of projects.
12.	Choose project, which have been created in the step 9.	-	User's project menu is open.
13.	Via API requests add: test to the project, log to the test (random String), screenshot to the test.	-	Test is displayed on the list of tests in the user's project menu.