

1 JET- Test execution report

1.1 Overview

This document contains the test activities of the completed task. In the first section 1.3, I added a glimpse of the test status. To execute these test cases I wrote the test scenarios to cover the requirements see section 2. In the last section 3 I added bugs that have been found

1.2 Test Strategy

To cover all the scenarios for the testing I reviewed the specifications and map test cases line by line. As this is the testing of api calls and validating the response. I used Postman to manually execute the test cases and created new collections for them. I have also created a Testing Automation suit and added possible scenarios in this suite.

1.3 Test Execution Summary

JET tasks and authentication api is tested by executing the following test cases:

Test Case ID	Description	Status	Automation Status
TC001	Validate that all task for the user is retrieving successfully	PASSED	Automated
TC002	Validate that the task should not be updated for the device id not found	PASSED	Automated
TC003	Validate that the task is successfully updating	FAILED	Automated
TC004	Verify that the valid token is successfully generating if valid credentials are provided	PASSED	Automated
TC005	Verify that the valid token is not generating if invalid credentials are provided	PASSED	Automated
TC006	Verify authentication failure message if the an invalid token is provided to the fetch the tasks	PASSED	Automated
TC007	Verify that the previous token should be invalid if new token is generated	FAILED	Automated
TC008	Verify token should be invalidated if any modification is done in the generated token	FAILED	Automated
TC009	Validate that the token should be expired after 30 min	FAILED	NotAutomated

2 Test Cases

Feature: Task

Background:

Given I have valid authentication token to access api

ID	Scenario	Steps	Data																					
TC001	Validate that all task for the user is retrieving successfully	When I fetch all tasks Then I should get the status code 200 And I should receive all the tasks for the user																						
TC002	Validate that the task should not be updated for the device id not found	When I update the task <id> with the following parameters <table><tr><td> title</td><td> <title></td><td> </td></tr><tr><td> is_completed</td><td> <is_completed></td><td> </td></tr></table> Then I should get the status code 404	title	<title>		is_completed	<is_completed>		<table><tr><td> id</td><td> title</td><td></td></tr><tr><td> is_completed </td><td></td><td></td></tr><tr><td> 1111</td><td> hello test </td><td>true</td></tr></table>	id	title		is_completed			1111	hello test	true						
title	<title>																							
is_completed	<is_completed>																							
id	title																							
is_completed																								
1111	hello test	true																						
TC003	Validate that the task is successfully updating	When I update the task <id> with the following parameters <table><tr><td> title</td><td> <title></td><td> </td></tr><tr><td> is_completed</td><td> <is_completed></td><td> </td></tr></table> Then I should get the status code 200 And the task should be updated <table><tr><td> title</td><td> <title></td><td> </td></tr><tr><td> is_completed</td><td> <is_completed></td><td> </td></tr></table>	title	<title>		is_completed	<is_completed>		title	<title>		is_completed	<is_completed>		<table><tr><td> id</td><td> title</td><td></td></tr><tr><td> is_completed </td><td></td><td></td></tr><tr><td> 1001 </td><td>hello test </td><td>true</td></tr></table>	id	title		is_completed			1001	hello test	true
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1001	hello test	true																						

Feature: Authentication

ID	Scenario	Steps	Data
TC004	Verify that the valid token is successfully generating if valid credentials are provided	When I pass the correct credentials to auth service Then I should get the status code 201 And the JWT token is generated	
TC005	Verify that the valid token is not generating if invalid credentials are provided	When I pass the correct credentials to auth service to generate a new token Then I should get the status code 418 And I should get the error message "Not In our system"	

TC006	Verify authentication failure message if the an invalid token is provided to the fetch the tasks	<p>When I pass the invalid token to fetch the tasks</p> <p> token <token> </p> <p>Then I should get the status code 401</p>	<p> token </p> <p> eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1Ni </p> <p> "" </p>
TC007	Verify that the previous token should be invalid if new token is generated	<p>Given I have valid authentication token to access api</p> <p>And I fetch the token to be used</p> <p>When I pass the correct credentials to auth service to generate a new token</p> <p>And I pass the previously generated token to fetch the tasks</p> <p>Then I should get the status code 401</p>	
TC008	Verify token should be invalidated if any modification is done in the generated token	<p>Given I have valid authentication token to access api</p> <p>When I modified the token by adding "test" in the end</p> <p>And I fetch all tasks by passing modified token</p> <p>Then I should get the status code 401</p>	
TC009	Validate that the token should be expired after 30 min	<p>Given I have valid authentication token to access api</p> <p>When I wait for 30 min</p> <p>And I fetch all tasks by passing modified token</p> <p>Then I should get the status code 401</p>	

3 Bug Report

Bug ID	ID	1
	Name	Validate that the task is successfully updating
	Report	Tester ABC
	Date	May 05, 2022
Overview		
	Summary	Api is not updating the data
	URL	api/v1/tasks/{id}
	Screenshot	
Environment	Platform	Mac OS
	Operating System	Catalina
Bug Details	Steps to reproduce	1- Update the tasks id= 1001 with the following data { "title": "hello test", "is_completed": true }
	Expected Results	Task with the id = 1001 should be updated with the following data { "data": { "id": 1001, "title": "hello test", "due_at": null, "is_completed": true, "author": { "id": 1001, "name": "test", "email": "test@test.com" } } }
	Actual Results	But the task with id= 1001 is updating with the following data { "data": { "id": 1001, "title": "Quis eos similique dolore cum voluptatem quia.", "due_at": null, "is_completed": false, "author": {

		<pre> {id": 1001, "name": "test", "email": "test@test.com" } } } </pre>
	Description	
	Severity	Critical
Bug tracking	Priority	High
	Assigned to	Dev team
Notes		

	Bug ID	ID	2
		Name	Verify that the previous token should be invalid if new token is generated
		Report	Tester ABC
		Date	May 05, 2022
	Overview		
		Summary	Api is not invalidating the previous token if new token is generating
		URL	api/v1/auth/login
		Screenshot	
	Environment	Platform	Mac OS
		Operating System	Catalina
	Bug Details	Steps to reproduce	1- Generate token by passing the correct credentials 2- Generate token again by passing the correct credentials 3- Use previously generated token to fetch all the tasks
		Expected Results	It should fail and token should be invalid
		Actual Results	Api is successfully fetching the results
		Description	
	Bug tracking	Severity	Critical
		Priority	High
		Assigned to	Dev team
	Notes		

Bug ID	ID	3
	Name	Verify token should be invalidated if any modification is done in the generated token
	Report	Tester ABC
	Date	May 05, 2022
Overview		
	Summary	Api is wrongly fetching tasks for the modified token
	URL	api/v1/auth/login
	Screenshot	
Environment	Platform	Mac OS
	Operating System	Catalina
Bug Details	Steps to reproduce	1- Generate token by passing the correct credentials 2- Modified the token by adding "test" in end 3- Use this modified token to fetch task
	Expected Results	It should fail and token should be invalid
	Actual Results	Api is successfully fetching the results
	Description	
Bug tracking	Severity	Critical
	Priority	High
	Assigned to	Dev team
Notes		

Bug ID	ID	4
	Name	Validate that the token should be expired after 30 min
	Report	Tester ABC
	Date	May 05, 2022
Overview		
	Summary	Token is not expiring
	URL	api/v1/auth/login
	Screenshot	
Environment	Platform	Mac OS
	Operating System	Catalina
Bug Details	Steps to reproduce	1- Generate token by passing the correct credentials 2- Wait for 30 min 3- Fetch results by passing the same token string
	Expected Results	It should fail and token should be invalid
	Actual Results	Api is successfully fetching the results
	Description	
Bug tracking	Severity	Critical
	Priority	High
	Assigned to	Dev team
Notes		