





15.4 Test Documentation: Homework

Each student gets a branch of mind map to cover with test cases.

Write some test cases for functionality:

API: User and Role - Nina Kh.

<input type="checkbox"/>	ID ↓	Title	Test Status	Created At
<input type="checkbox"/>	 M20-TC1613	API. Check Reading existing Users details.	In Progress	January 7, 2024
<input type="checkbox"/>	 M20-TC1615	API. Check Create New User (with filled correct details).	In Progress	January 7, 2024
<input type="checkbox"/>	 M20-TC1616	API. Check Update details (middlename) for existing user.	In Progress	January 7, 2024
<input type="checkbox"/>	 M20-TC1617	API. Check Delete user.	In Progress	January 7, 2024

1. M20-TC1613 - V. 1 - API. Check Reading existing Users details.

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M20-TC1613 - V. 1 - API. Check Reading existing Users details.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Title*

API. Check Reading existing Users details.

Test Objectives

To check that API GET method reads user details of existing user.

Precondition(s)

At least 1 user presented in a system.
To be logged in with correct admin credentials.

Postcondition(s)

Click to add a value

Additional Informations

Click to add a value


Test Status*

In Progress

Priority

High

Responsible - Owner

 student.mti.2023

Created At

January 7, 2024 9:42 AM

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M20-TC1613 - V.1 - API. Check Reading existing Users details.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Category: Steps

Steps

#	Test Instructions	Test Data	Expected Results
1	Run GET method for a specific user GET /api/v0/users/{id}	Request: User id = 1	Get response code 200 OK: <pre>{ "id": 1, "firstname": "John", "middlename": null, "lastname": "Doe", "username": "john", "email": "john@gmail.com", "password": "\$2a\$10\$dRM33.Fy7SYDraGSvMagX0gIhsB6Tl40V19pwM", "roleNames": ["ROLE_ADMIN"] }</pre>

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M20-TC1613 - V.1 - API. Check Reading existing Users details.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Test Cycle	Overall Result	Execution time	Executed at	Executed by	Traceability	Comment
M20-TR123	PASS	00:01:28	11 Jan 2024 13:46			

2. M20-TC1615 - V. 1 - API. Check Create New User (with filled correct details):

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M20-TC1615 - V.1 - API. Check Create New User (with filled correct details).

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Title*

API. Check Create New User (with filled correct details).

Test Status*

In Progress

Test Objectives

To check API POST method creating a new user with correctly filled details.

Precondition(s)

Table users exists in a system.
Table roles exists in a system.
Table users_roles exists in a system.
To be logged in with correct admin credentials.

Postcondition(s)

Delete a new user.

Additional Informations

Click to add a value

Priority

High

Responsible - Owner

Click to add a value

Created At

January 7, 2024 10:38 AM

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M20-TC1615 - V.1 - API. Check Create New User (with filled correct details).

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Category: Steps

Steps

#	Test Instructions	Test Data	Expected Results
1	Run POST method (POST /api/v0/users) to create a new user with entered correct credentials.	<pre>Request body: { "firstname": "Vivien", "middlename": "Sun", "lastname": "Backham", "username": "vivi", "email": "vivi@mail.com", "password": "vivi1234", "roleNames": ["ROLE_AGENT"] }</pre>	<div>Get response: 201 Created.</div> <div>Response body:</div> <pre>{ "id": 5, "firstname": "Vivien", "middlename": "Sun", "lastname": "Backham", "username": "vivi", "email": "vivi@mail.com", "password": "vivi1234", "roleNames": ["ROLE_AGENT"] }</pre> <div>A new user with role agent created in a DB. On the UI a new user is able to enter into a system.</div>

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M20-TC1615 - V.1 - API. Check Create New User (with filled correct details).

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Test Cycle	Overall Result	Execution time	Executed at	Executed by	Traceability	Comment
M20-TR123	FAIL	00:09:26	08 Jan 2024 17:00			

3. M20-TC1616 - V. 1 - API. Check Update details (middlename) for existing user:

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M20-TC1616 - V. 1 - API. Check Update details (middlename) for existing user.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Title*

API. Check Update details (middlename) for existing user.

Test Status*

In Progress

Test Objectives

To check API PUT method changing details (middlename) for existing user.

Priority

Medium

Precondition(s)

There is at least 1 user in a system.

Responsible - Owner

Click to add a value

To be logged in with correct admin credentials.

Created At

January 7, 2024 1:28 PM

Postcondition(s)

Restored details (middlename) of a user.

Additional Informations

Click to add a value

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M20-TC1616 - V. 1 - API. Check Update details (middlename) for existing user.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Category: Steps

Steps

#	Test Instructions	Test Data	Expected Results
1	Run PUT method: PUT /api/v0/users/{id} with new middlename.	<div>Requested details:</div> <pre>{ "id": "1", "firstname": "John", "middlename": "Bob", "lastname": "Doe", "username": "john", "email": "john@gmail.com", "password": "\$2a\$10\$dRM33.Fy7SYDraG5vMagX0gIhsB6T140VI9pwMLNhB4yFLaZpQj.m", "roleNames": ["ROLE_ADMIN"] }</pre>	

Get response 200 OK:

Updated middlename of a user in a DB.
API GET method for this user reads correct data.

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M20-TC1616 - V. 1 - API. Check Update details (middlename) for existing user.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Test Cycle	Overall Result	Execution time	Executed at	Executed by	Traceability	Comment
M20-TRI23	FAIL	00:02:06	11 Jan 2024 14:07			

4. M20-TC1617 - V. 1 - API. Check Delete user:

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M20-TC1617 - V. 1 - API. Check Delete user.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Title*

API. Check Delete user.

Test Objectives

To check that API DELETE method deleting user from a DB .

Precondition(s)

To be logged in with correct admin credentials.
Create a new user in a DB (INSERT INTO users VALUES (5, "davidb@mail.com", "David", "Backham", "CB", "david123456", "davidb")).

Postcondition(s)

Click to add a value

Additional Informations

Click to add a value

Test Status*

In Progress

Priority

Click to add a value

Responsible - Owner

Click to add a value

Created At

January 7, 2024 1:48 PM

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M20-TC1617 - V. 1 - API. Check Delete user.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Category: Steps

Steps

#	Test Instructions	Test Data	Expected Results
1	Run DELETE method: DELETE /api/v0/users/{id}	Requested details: id=5	Response code 200, OK. User deleted from the DB.

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M20-TC1617 - V. 1 - API. Check Delete user.

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DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Test Cycle	Overall Result	Execution time	Executed at	Executed by	Traceability	Comment
<div>M20-TR123</div>	PASS	00:00:52	11 Jan 2024 14:15			