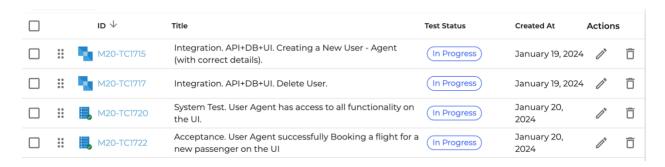
18.4 Test classification: Levels of testing: Homework

To the functionality, that you covered with test cases for previous work:

Add 2 integration test cases

Add 1 system test case

Add 1 acceptance test case (choose the most crucial business scenario to cover)



Integration tests:

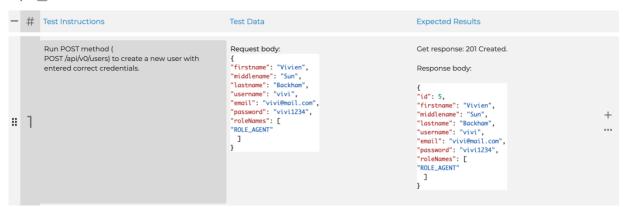
M20-TC1715 - V. 1 - Integration. API+DB+UI. Creating a New User - Agent (with correct details).

DETAILS	TEST SCRIPT	EXECUTION	SUB TASKS	ATTACHMENTS	
Title*					Test Status*
Integration. API+	DB+UI. Creating a New	User - Agent (with cor	rect details).		In Progress
Test Objectives					Priority
Annual Control of	ation of API+DB+UI after	API POST method cre	ating a new user (with	correct details) with rol	Click to add a value
					Responsible - Owner
	ition of 3 levels: new user with role agen new user with role agen				Click to add a value
	new user with role agen				Created At
					January 19, 2024 5:21 PM
Precondition(s)					
Table users exists Table roles exists					
Role agent exists					
	s exists in a system. with correct admin crec	lentials.			
Postcondition(s))				
Delete created u	iser.				
Additional Inform	mations				
Click to add a va	rlue				

DETAILS TEST SCRIPT EXECUTION SUB TASKS ATTACHMENTS

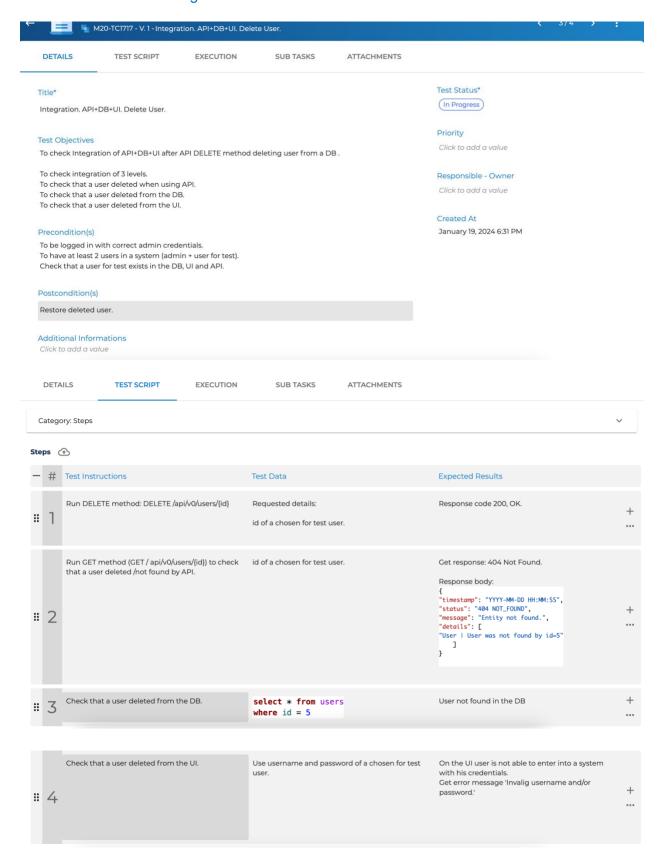
Category: Steps





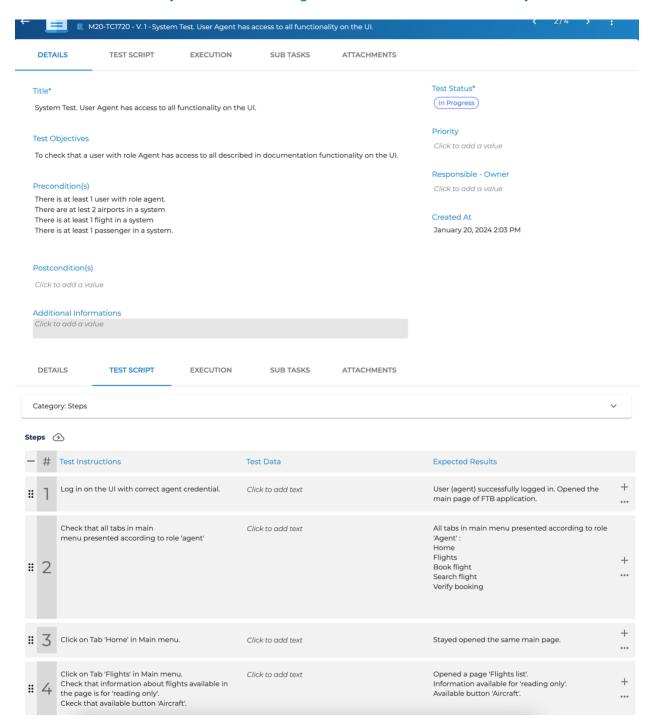
H	2	Run GET method (GET / api/v0/users/{id}) to check that a user created.	id = 5 of a user from first step.	Get response: 200 OK Response body: { "id": 5, "firstname": "Vivien", "middlename": "Sun", "username": "vivi", "email": "vivi@mail.com", "password": "vivi1234", "roleNames": ["ROLE_AGENT"] }	+
#	3	Check that a new user with correct role exists in the DB. All personal data of a user entered in 1 step and his role are corrected in DB.	<pre>select * from users u JOIN users_roles ur where u.id = ur.user_id having id = 5</pre>	A new user with role agent created in a DB. All personal data are correct. Role is correct.	+
H	4	Check that a new user with correct role can enter in a system from the UI and has rights according to his role (agent).	Use username created in first step. Use password created in first step.	On the UI a new user is able to enter into a system with his credentials. Rigths of a user on the UI is according to his role agent.	+

M20-TC1717 - V. 1 - Integration. API+DB+UI. Delete User.



System test case:

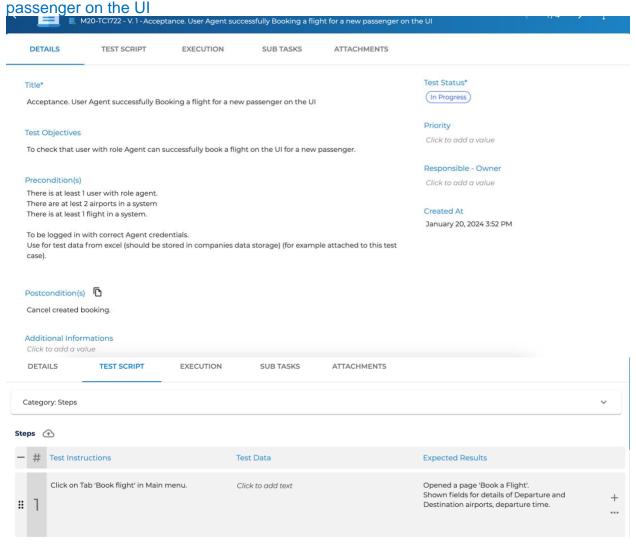
M20-TC1720 - V. 1 - System Test. User Agent has access to all functionality on the UI.



:	5	Click on button 'Aircraft'. Check that opened a page 'Search a Flight'.	Click to add text	Opened a page 'Search a Flight'. In the page presented all fields for searching a flight: From, To, Departure Time. Available button 'search'.	+
::	6	Click on Tab 'Book flight' in Main menu. Check that there are 3 field for searching a flight for booking: From, To, Departure Time Available button 'Search'.	Click to add text	Opened a page 'Book a Flight'. In the page presented all fields. Available button 'Search'.	+
!!	7	Enter details of Departure and Destination airport, departure time. Click on button 'Search'.	Click to add text	Found flight / flights according to search parameters. Shown 'Result'. Available button 'Book'.	+
II .	8	Click 'Book' button. Check that 'Passenger Information' page is available and opened. Check that available all fields on this page.	Click to add text	Opened 'Passenger Inrormation' page. Fields: First Name, Last Name, Phone number, Passport Nimber, Email address, Address are presented. Available button 'Save'.	+
H	9	Click on Tab 'Search flight' in Main Menu. Check that there are 3 field for searching a flight: From, To, Departure Time. Available button 'Search'.	Click to add text	Opened a page 'Search a Flight'. In the page presented all fields. Available button 'Search'.	+
#	10	Click on Tab 'Verify booking' in Main menu. Check that there are 2 field for verifying a booking: Flight ID, Passenger ID, Available button 'Search'.	Click to add text	Opened a page 'Verify booking'. In the page presented all fields. Available button 'Search'.	+

Acceptance test case:

M20-TC1722 - V. 1 - Acceptance. User Agent successfully Booking a flight for a new



ii	2	Enter details of Departure and Destination airports, departure time. Click on button 'Search'.	From: Helsinki-Vantaa Aiport To: Liverpool John Lennon Airport Departure Time: 27/12/2023	Found a flight according to search parameters. Shown 'Result': ID: Flight Number: From: To: Departure: YYYY-MM-DD HH:MM Arrival: YYYY-MM-DD HH:MM Flight charge: Aircraft: (fields described above filled according to presented in file information). Available Seats: (filld according to DB calculatings). Available button 'Book'.	+
III	3	Click 'Book' button.	Click to add text	Opened 'Passenger Inrormation' page. Fields: First Name, Last Name, Phone number, Passport Nimber, Email address, Address are presented. Available button 'Save'.	+
#	4	Enter correct details of a new passenger. Click on button 'Save'.	Click to add text	Opened 'Confirmation Page', Displayed information about Flight ID (the same as in step 2), Passenger ID (new data). Displayed Detailed information about a new passenger (Customer info). Details are filled according to entered data (presented in file information). Displayed Detailed information about a flight (Flight info). Details are displayed according to entered data (presented in file information.)	+