

## 17.4 Static testing: Homework

Review your group members' test cases. Don't forget to argue your comments.


Pay attention that the requirements could be not accurate as well, and some moments could be questionable.

Students assess each other's test cases and defects:

Olga <--> Nina Kh.

### Reviewing of test case:

1.

 M20-TC1634 - V.1 - API : Successful create the new passenger with valid passenger infor... 8/8

DETAILS	TEST SCRIPT	EXECUTION	SUB TASKS	ATTACHMENTS
<div><div>Title*</div><div>API : Successful create the new passenger with valid passenger information.</div></div> <div><div>Test Objectives</div><div>Ensure the API method POST successfully creates a passenger with valid passenger information.</div></div> <div><div>Precondition(s)</div><div>Basic authorization credentials for API method are available by link. A valid flight ID is present in the database. The system is in a clean state (no pre-existing passengers with the same data).</div></div> <div><div>Postcondition(s)</div><div>The created passenger has been deleted.</div></div> <div><div>Additional Informations</div><div>Click to add a value</div></div>	<div><div>Test Status*</div><div>Ready for Peer Review</div></div> <div><div>Priority</div><div>Click to add a value</div></div> <div><div>Responsible - Owner</div><div>Click to add a value</div></div> <div><div>Created At</div><div>January 9, 2024 5:29 PM</div></div>			

Category: Steps



## Steps

#	Test Instructions	Test Data	Expected Results
1	<p>Execute POST method  <a href="http://localhost:8080/api/v0/passengers/">http://localhost:8080/api/v0/passengers/</a></p>	<p>Body:</p> <pre>{   "passengerId": 0,   "firstName": "Olga",   "lastName": "Petrova",   "phoneNumber": "+79844543223",   "passportNumber": "2342 128432",   "email": "olga@petrova.ru",   "address": "Moscow, str. Polyanka 23",   "flightId": 5 }</pre>	<ol style="list-style-type: none"> <li>1. Status code: 201 Created,</li> <li>2. Response body:           <pre>{             "passengerId": 3850,             "firstName": "Olga",             "lastName": "Petrova",             "phoneNumber": "+79844543223",             "passportNumber": "2342 128432",             "email": "olga@petrova.ru",             "address": "Moscow, str. Polyanka 23",             "flightId": 5,             "id": 3850           }</pre> </li> <li>3. The GET method  <a href="http://192.168.40.100:8114/api/v0/passengers/3850">http://192.168.40.100:8114/api/v0/passengers/3850</a> returned the created passenger.</li> <li>4. The passenger has been created in the DB.</li> <li>5. On the UI's "Verify Booking" page using the provided passenger ID (3850) and flight ID (5) the passenger has been found and associated with the correct flight.</li> </ol>

## Review – Comments

January 14, 2024 6:38 PM

Nina Khaytovich:

In Preconditions said: "Basic authorization credentials for API method are available by link."  
"What link do you mean? Can't see it test details."

In my opinion, in this case in Test Objectives we can also describe that a new passenger should be created just for flight in "future" date or time and with correct status (scheduled, for example), not on a flight in the past date or with wrong status (departed, for example).

In Test Script described:

"Execute POST method `http://***.***.***.***:*****/api/v0/passengers/`" Here described personal version of the application. May be it's not correct because in this case test case can't be used by other testers.

The same for Expected Results.

2.

DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

Title\*

API : Successful get of information about an existing passenger.

Test Status\*

Ready for Peer Review

Priority

Click to add a value

Responsible - Owner

Click to add a value

Created At

January 9, 2024 5:35 PM

Test Objectives

Ensure the API method GET successfully returns passenger information with a valid passenger ID.

Precondition(s)

Basic authorization credentials for API method are available by link.

The passenger with the specified ID exists in the system.

Postcondition(s)

Click to add a value

Additional Informations

Click to add a value

DETAILS

TEST SCRIPT

EXECUTION

SUB TASKS

ATTACHMENTS

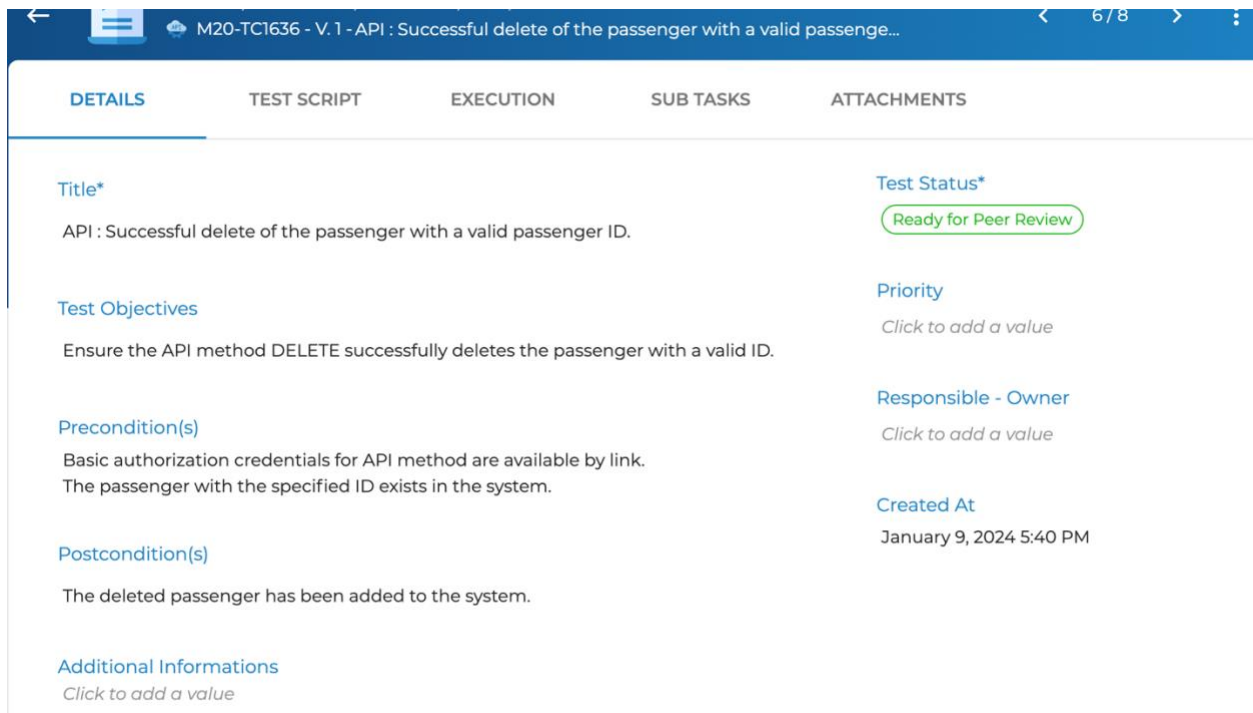
Category: Steps

Steps

#	Test Instructions	Test Data	Expected Results
1	Execute GET method http://[redacted]/api/v0/passengers/3850	Click to add text	1. Status code: 200, 2. Response body: { "passengerId": 3850, "firstName": "Olga", "lastName": "Petrova", "phoneNumber": "+79844543223", "passportNumber": "2342 128432", "email": "olga@petrova.ru", "address": "Moscow, str. Polyanka 23", "flightId": 5, "id": 3850 } 3. The passenger's information matched the details returned in the API response and in the DB. 4. On the UI's "Verify Booking" page using the provided passenger ID (3850) and flight ID (5) the passenger's information matched the details returned in the API response.

Review – Comments

January 14, 2024 7:09 PM





2. Precondition of a current case "The passenger with the specified ID exists in the system."

3. Postcondition of a current case is "The deleted passenger has been added to the system."

4.

DETAILS		TEST SCRIPT	EXECUTION	SUB TASKS	ATTACHMENTS
<p><b>Title*</b></p> <p>API : Unsuccessful creation of an existing passenger on the same flight with valid passenger information.</p>		<p><b>Test Status*</b></p> <p>Ready for Peer Review</p>			
<p><b>Test Objectives</b></p> <p>Ensure the API method POST doesn't allow to create an existing passenger on the same flight with valid passenger information.</p>		<p><b>Priority</b></p> <p>High</p>			
<p><b>Precondition(s)</b></p> <p>Basic authorization credentials for API method are available by link. A valid flight ID is present in the database. The system is in a clean state (no pre-existing passengers with the same data).</p>		<p><b>Responsible - Owner</b></p> <p>Click to add a value</p>			
<p><b>Postcondition(s)</b></p> <p>The created passengers have been deleted.</p>		<p><b>Created At</b></p> <p>January 15, 2024 11:17 AM</p>			
<p><b>Additional Informations</b></p> <p>Click to add a value</p>					

DETAILS	TEST SCRIPT	EXECUTION	SUB TASKS	ATTACHMENTS
Category: Steps				
Steps				
#	Test Instructions	Test Data	Expected Results	
1	Execute POST method http://[redacted]/api/v0/passengers/	Body: { "passengerId": 0, "firstName": "Olga", "lastName": "Petrova", "phoneNumber": "+79844543223", "passportNumber": "2342 128432", "email": "olga@petrova.ru", "address": "Moscow, str. Polyanka 23", "flightId": 5 }	Expected Results: Status code: 201 Created, Response body: { "passengerId": 3850, "firstName": "Olga", "lastName": "Petrova", "phoneNumber": "+79844543223", "passportNumber": "2342 128432", "email": "olga@petrova.ru", "address": "Moscow, str. Polyanka 23", "flightId": 5, "id": 3850 }	
			The GET method <a href="http://192.168.40.100:8114/api/v0/passengers/3850">http://192.168.40.100:8114/api/v0/passengers/3850</a> returned the created passenger. The passenger was created in the DB. On the UI's "Verify Booking" page using the provided passenger ID (3850) and flight ID (5) the passenger has been found and associated with the correct flight.	
2	Execute POST method http://[redacted]/api/v0/passengers/ with the same data	Body: { "passengerId": 0, "firstName": "Olga", "lastName": "Petrova", "phoneNumber": "+79844543223", "passportNumber": "2342 128432", "email": "olga@petrova.ru", "address": "Moscow, str. Polyanka 23", "flightId": 5 }	Expected Results: Status code: 400 Error, Response body: { "timestamp": "2024-01-15 08:42:24:798496015 +0000", "status": "400 BAD_REQUEST", "message": "Unfortunately human clones are not allowed on flight FF-3532", "details": [ "Unfortunately human clones are not allowed on flight FF-3532" ] }	

## Review – Comments

January 16, 2024 11:24 AM

Nina Khaytovich:

Title. It is not easy to understand according to Title of this Test Case what to check.

In Test Objectives it can be more informative to describe that system checking user according to passport number.

In Preconditions said: "Basic authorization credentials for API method are available by link."  
" What link do you mean? Can't see it test details.

Test Script:

In test Instructions described: "

Execute POST method [http://\\*\\*\\*.\\*\\*\\*.\\*\\*\\*.\\*\\*\\*:\\*\\*\\*\\*/api/v0/passengers/](http://***.***.***.***:****/api/v0/passengers/)".

Here described personal version of the application (steps 1, 2). May be it's not correct because in this case test case can't be used by other testers.

The same for Expected Results (step 1).

January 17, 2024 1:28 PM

Nina Khaytovich:

About the Title I can suggest this:

API. Inability to register a passenger twice on the same flight by POST method.

Reviewing the bag:

<https://mentorpiece.atlassian.net/browse/FTB-506>