

System object: Testers Hotel, Backend REST API requests via http://localhost:3000/api/			Test-case: Assert successful login & logout Login endpoint Logout endpoint	
ID 01	Pre-conditions Software Tester has access to system object & login credentials	Post conditions: None	Dependencies: None	Tester SJ
Step	Test step REQUEST	Test data	Expected result	Notes
1	Open Postman	Body payload:	Response Body:	
2	POST request to endpoint /api/login	{ "username": "tester01", "password": "GteteqbQQgSr88SwNExUQv2ydb7xuf8c" }	<ul style="list-style-type: none"> • Status code: 2XX, OK • X-User-Auth token is generated 	
3	POST request to endpoint /api/logout	Header: response from step 2 Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxx" }	<ul style="list-style-type: none"> • Status code: 200, OK • OK 	

System object: Testers Hotel, Backend api requests via http://localhost:3000/api/			Test-case: Create a client * Login endpoint Create a new client endpoint		
ID 02	Pre-conditions Software Tester has access to system object & login credentials	*Post conditions Starting from this test case forward, same generated token in Step 2 can be used in subsequent testcases ID 03-05.		Dependencies Token remains valid until subsequent system login or logout occurs.	Tester SJ
Step	Test step REQUEST	Test data		Expected result	Notes
1	Open Postman	Body payload:		Response Body:	
2	POST request to endpoint /api/login	{ "username": "tester01", "password": "GteteqbQQgSr88SwNExUQv2ydb7xuf8c" }		• Status code: 2XX, OK * X-User-Auth token is generated	
3	POST request to /api/client/new	Header: result from step 2	Body payload:	• Status code: 200, OK { "name": "Delete customer", "email": "delete@email.org", "telephone": "072 4000 401", "id": 3, "created": "2020-12-13T18:58:53.840Z" }	Tracking id: 3
		Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxx" }	{ "name": "Delete customer", "email": "delete@email.org", "telephone": "072 4000 401" }		

System object: Testers Hotel, Backend REST API requests via http://localhost:3000/api/			Test-case: View all clients * Login endpoint Clients endpoint	
ID 03	Pre-conditions Software Tester has access to system object & login credentials	Post conditions: Continue with same token in subsequent testcases ID 04-05	*Dependencies: Token issued in testcase ID 02 remains valid until a subsequent system login or logout occurs. If occurred implement Step 2.	Tester SJ
Step	Test step REQUEST	Test data	Expected result	Notes
1	Open Postman	Body payload:	Response Body:	
2 *NOT NEEDED	POST request to endpoint /api/login	{ "username": "tester01", "password": "GteteqbQQgSr88SwNExUQv2ydb7xuf8c" }	<ul style="list-style-type: none"> Status code: 2XX, OK X-User-Auth token is generated 	
3	GET request to endpoint /api/clients	Header: result from step 2 Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxx" }	<ul style="list-style-type: none"> Status code: 200, OK List of clients: defaults id: 1-2 new client id: 3 	Assert visually new client created in testcase 02 id: 3 exists at endpoint clients.

System object: Testers Hotel, Backend api requests via http://localhost:3000/api/			Test-case: Edit a client * Login endpoint Client with id: 3 endpoint Assert edit at clients endpoint		
ID 04	Pre-conditions Software Tester has access to system object & login credentials	Post conditions Continue with same token in subsequent testcase ID 05		*Dependencies Token issued in testcase ID 02 remains valid until a subsequent system login or logout occurs. If occurred implement Step 2.	Tester SJ
Step	Test step REQUEST	Test data		Expected result	Notes
1	Open Postman	Body payload:		Response Body:	
2 *NOT NEEDED	POST request to endpoint /api/login	{ "username": "tester01", "password": "GteteqbQQgSr88SwNExUQv2ydb7xuf8c" }		• Status code: 2XX, OK • X-User-Auth token is generated	
3	PUT request to /api/client/3	Header result from step 2:	Body payload	• Status code: 200, OK { "name": "Update customer", "email": "update@email.org", "telephone": "072 4000 401", "id": 3, "created": "2020-12-13T18:58:53.840Z" }	Edit client name & email with id: 3
		Key: Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxxx" }	{ "name": "Update customer", "email": "update@email.org", "telephone": "072 4000 401" }		
4	GET request to /api/clients/	Header: result from step 2		• Status code: 200, OK	Assert visually client id: 3 data is updated.
		Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxxx" }			

System object: Testers Hotel, Backend api requests via http://localhost:3000/api/			Test-case: Delete a client * Login endpoint Delete client with id: 3 endpoint Assert deletion at clients endpoint * Logout endpoint		
ID 05	Pre-conditions Software Tester has access to system object & login credentials	Post conditions None		*Dependencies Token issued in testcase ID 02 remains valid until a subsequent system login or logout occurs. If occurred implement Step 2.	Tester SJ
Step	Test step REQUEST	Test data		Expected result	Notes
1	Open Postman	Body payload:		Response Body:	
2 *NOT NEEDED	POST request to endpoint /api/login	{ "username": "tester01", "password": "GteteqbQQgSr88SwNExUQv2ydb7xuf8c" }		• Status code: 2XX, OK • X-User-Auth token is generated	
3	DELETE request to /api/client/3	Header result from step 2:	Body payload	• Status code: 200, OK { "ok": true }	
		Key: Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxx" }			
4	GET request to /api/clients/	Header result from step 2:		• Status code: 200, OK	Assert visually client id: 3 is deleted.
		Key: Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxx" }			
4	POST request to /api/logout/	Header result from step 2:		• Status code: 200, OK • OK (concerning logout)	
		Key: Key: X-User-Auth Value: { "username": "tester01", "token": "xxxxx" }			
End	of test-cases				