

BACKEND TEST CASES (TESTING API ON POSTMAN)

1. Testcase: Login and logout endpoint

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)

Test steps:

Step	Test step	Test Data	Expected result
1	Open Postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none">• Username: tester01• Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c '	<ul style="list-style-type: none">• Status code :200• X-user-Auth token is generated
3	Make a POST request towards the end point /api/logout	<ul style="list-style-type: none">• X-User-Auth token that was generated	<ul style="list-style-type: none">• Status code :200• OK

2. Testcase: Create room

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/room/new)
- (Endpoint : /http://localhost:3000/api/rooms)

Test steps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none">• Username: tester01• Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c '	<ul style="list-style-type: none">• Status code :200• X-user-Auth token is generated
3	Make a GET request towards the end point /api/rooms	X-User-Auth token that was generated	<ul style="list-style-type: none">• Status code:200• Get all rooms

4	Make a Post request towards the end point and create room /api/room/new	<ul style="list-style-type: none"> Category:single Number:10 Floor:3 Available: Price:2000 Features:balcony X-User-Auth token that was generated 	<ul style="list-style-type: none"> Created a new room Status code:200 ok
5	Make a POST request towards the end point /api/logout	<ul style="list-style-type: none"> X-User-Auth token that was generated 	<ul style="list-style-type: none"> Status code:200 ok

3. Testcase : Delete room

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/room/id)
- (Endpoint : /http://localhost:3000/api/rooms)

Test steps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST resquest towards the end point /api/login	<ul style="list-style-type: none"> Username: tester01 Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c ' 	<ul style="list-style-type: none"> Status code :200 X-user-Auth token is generated
3	Make a GET request towards the end point /api/rooms	X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code:200 Ok Get all rooms
4	Make a Delete request towards the end point and delete room /api/room/id	Id:3 X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code:200 Room deleted ok
5	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code:200 ok

4. Testcase: Edit room

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/room/id)
- (Endpoint : /http://localhost:3000/api/rooms)

Teststeps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none">Username: tester01Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c '	<ul style="list-style-type: none">Status code :200X-user-Auth token is generated
3	Make a GET request towards the end point /api/rooms	X-User-Auth token that was generated	<ul style="list-style-type: none">Status code:200OkFetch all rooms
4	Make a PUT request towards the end point and update room /api/room/id	X-User-Auth token that was generated Id:2 Room number:100	<ul style="list-style-type: none">Status code:200Room updatedok
5	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none">Status code:200ok

5. Testcase:Create client

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/client/new)
- (Endpoint : /http://localhost:3000/api/clients)

Teststeps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none">Username: tester01Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c '	<ul style="list-style-type: none">Status code :200X-user-Auth token is generated
3	Make a GET request towards the end point /api/clients	X-User-Auth token that was generated	<ul style="list-style-type: none">Status code :200Okget all clients
4	Make a POST request towards the end point and create client /api/client/new	<ul style="list-style-type: none">Name: RidaEmail: rida@gmail.comTelephone:0734546635 X-User-Auth token that was generated	<ul style="list-style-type: none">Created new clientStatus code :200ok
5	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none">Status code:200ok

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6. Testcase:Delete client

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/client/id)
- (Endpoint : /http://localhost:3000/api/clients)

Teststeps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none"> • Username: tester01 • Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c ' 	<ul style="list-style-type: none"> • Status code :200 • X-user-Auth token is generated
3	Make a GET request towards the end point /api/clients	X-User-Auth token that was generated	<ul style="list-style-type: none"> • Status code :200 • Ok • Get all clients
4	Make a DELETE request towards the end point and delete client /api/client/id	Id:2 X-User-Auth token that was generated	<ul style="list-style-type: none"> • deleted client • Status code :200 • ok
5	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none"> • Status code:200 • ok

7. Testcase:Edit client

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/client/id)
- (Endpoint : /http://localhost:3000/api/clients)

Teststeps:

Step	Test step	Test Data	Expected result
1	Open postman		

2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none"> Username: tester01 Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c ' 	<ul style="list-style-type: none"> Status code :200 X-user-Auth token is generated
3	Make a GET request towards the end point /api/clients	X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code :200 Ok Get all clients
4	Make a PUT request towards the end point and delete client /api/client/id	X-User-Auth token that was generated Name:sara Id:3	<ul style="list-style-type: none"> updated client Status code :200 ok
5	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code:200 ok

8. Testcase:Create ,edit and delete bill

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/bill/id)
- (Endpoint : /http://localhost:3000/api/bills)

Teststeps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none"> Username: tester01 Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c ' 	<ul style="list-style-type: none"> Status code :200 X-user-Auth token is generated
3	Make a GET request towards the end point /api/bills	X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code :200 Ok Fetch all bills
4	Make a POST request towards the end point /api/bill/new	X-User-Auth token that was generated Value=1000	<ul style="list-style-type: none"> created bill Status code :200 ok
5	Make a DELETE request towards the end point and delete bill /api/bill/id	X-User-Auth token that was generated Id = 2	<ul style="list-style-type: none"> deleted bill Status code :200 ok
6	Make a PUT request towards the end point and delete bill /api/bill/id	X-User-Auth token that was generated Id = 3 Value = 1000	<ul style="list-style-type: none"> Updated bill Status code:200 ok
7	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none"> Status code:200 ok

9. Testcase : delete reservation

- (Endpoint : /http://localhost:3000/api/login)
- (Endpoint : /http://localhost:3000/api/logout)
- (Endpoint : /http://localhost:3000/api/reservation/id)
- (Endpoint : /http://localhost:3000/api/reservations)

Teststeps:

Step	Test step	Test Data	Expected result
1	Open postman		
2	Make a POST request towards the end point /api/login	<ul style="list-style-type: none">• Username: tester01• Password: 'GteteqbQQgSr88SwNExUQv2ydb7xuf8c '	<ul style="list-style-type: none">• Status code :200• X-user-Auth token is generated
3	Make a GET request towards the end point /api/reservations	X-User-Auth token that was generated	<ul style="list-style-type: none">• Status code :200• ok
5	Make a DELETE request towards the end point and delete reservation /api/reservation/id	X-User-Auth token that was generated Id : 3	<ul style="list-style-type: none">• deleted reservation• Status code :200• ok
7	Make a POST request towards the end point /api/logout	X-User-Auth token that was generated	<ul style="list-style-type: none">• Status code:200• ok