**ASSIGNMENT 2: Fizza Aamir Faried- Test Automation**

**TEST CASES:**

Test the endpoints:

-post towards /login

-post bill {token} /bill/new (payload)

-put bill /bill/:id

-post towards {token} /logout

**Test case01: Edit Bills endpoint** (Endpoint: */api/bill/:id*)

**Designed by**: Fizza Aamir Faried

**Pre-conditions**:

* The system is up available at the address: http://localhost:3000/
* The Software Tester has access to login credentials.

**Post conditions**:

* None

**Dependencies**:

* None

**Test steps**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test step** | **Test data** | **Expected result** | **Actual result** | **Pass/Fail** | **Notes** |
| 1 | Open Postman |  |  |  |  |  |
| 2 | Make a POST request towards the endpoint /api/login | * **username:** tester01 * **password:** GteteqbQQgSr88SwNExUQv2ydb7xuf8c * {"username":"tester01","password":"GteteqbQQgSr88SwNExUQv2ydb7xuf8c"} | * Status code:2XX * X-User-Auth token is generated |  |  |  |
| 3 | Make a POST request towards the endpoint /bill/new | * X-User-Auth token that was generated * **value:** 1200 * {“value”: “1200”} | * Status code:2XX * Bill id:2 is created * {"value":1200,"id":2,"created":"2020-11-11T09:38:14.819Z"} |  |  |  |
| 4 | Make a PUT request the endpoint /bill/2 | * **paid:** true * X-User-Auth token that was generated * {"value":1200,"id":2,"created":"2020-11-11T09:38:14.819Z", “paid”:true} | * Status code:2XX * Bill is edited to be paid * {"value":1200,"id":2,"created":"2020-11-11T09:38:14.819Z", “paid”:true} |  |  |  |
| 5 | Make a POST request towards the endpoint /api/logout | * X-User-Auth token that was generated | * Status code:2XX * OK |  |  |  |

**Test case02: Create and Delete Reservations endpoint** (Endpoint: */api/reservation/:id*)

**Designed by**: Fizza Aamir Faried

**Pre-conditions**:

* The system is up available at the address: http://localhost:3000/
* The Software Tester has access to login credentials.

**Post conditions**:

* None

**Dependencies**:

* None

**Test steps**:

**Test steps**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test step** | **Test data** | **Expected result** | **Actual result** | **Pass/Fail** | **Notes** |
| 1 | Open Postman |  |  |  |  |  |
| 2 | Make a POST request towards the endpoint /api/login | * **username:** tester01 * **password:** GteteqbQQgSr88SwNExUQv2ydb7xuf8c * {"username":"tester01","password":"GteteqbQQgSr88SwNExUQv2ydb7xuf8c"} | * Status code:2XX * X-User-Auth token is generated |  |  |  |
| 3 | Make a POST request towards the endpoint /reservation/new | * X-User-Auth token that was generated * {"client":1,"room":1,"bill":1,"start":"2020-12-12","end":"2020-12-16"} | * Status code:2XX * Reservation id:2 is created |  |  |  |
| 4 | Make a DELETE request towards the endpoint /reservation/:id | * X-User-Auth token that was generated | * OK * Status code:2XX * Reservation id:2 is deleted |  |  |  |
| 5 | Make a POST request towards the endpoint /api/logout | * X-User-Auth token that was generated | * Status code:2XX * OK |  |  |  |

**Test case03: Create and edit Rooms endpoint** (Endpoint: */api/room/:id*)

**Designed by**: Fizza Aamir Faried

**Pre-conditions**:

* The system is up available at the address: http://localhost:3000/
* The Software Tester has access to login credentials.

**Post conditions**:

* None

**Dependencies**:

* None

**Test steps**:

**Test steps**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test step** | **Test data** | **Expected result** | **Actual result** | **Pass/Fail** | **Notes** |
| 1 | Open Postman |  |  |  |  |  |
| 2 | Make a POST request towards the endpoint /api/login | * **username:** tester01 * **password:** GteteqbQQgSr88SwNExUQv2ydb7xuf8c * {"username":"tester01","password":"GteteqbQQgSr88SwNExUQv2ydb7xuf8c"} | * Status code:2XX * X-User-Auth token is generated |  |  |  |
| 3 | Make a POST request towards the endpoint /room/new | * X-User-Auth token that was generated * {"features":["ensuite","sea\_view"],"category":"single","number":"13","floor":"6","available":true,"price":"899"} | * Status code:2XX * Room id:3 is created * Reponse payload is generated |  |  |  |
| 4 | Make a PUT request towards the endpoint /room/3 | * X-User-Auth token that was generated * Use the response payload generated in step 3 with changed price as shown below * {"features":["ensuite","sea\_view"],"category":"single","number":13,"floor":6,"available":true,"price":"1200","id":3,"created":"2020-11-12T07:34:26.714Z"} | * Status code:2XX * Room id:3 price is edited * Reponse payload is generated |  |  |  |
| 5 | Make a POST request towards the endpoint /api/logout | * X-User-Auth token that was generated | * OK * Status code:2XX |  |  |  |

**Test case04: Create and delete Room endpoint** (Endpoint: */api/room/:id*

*/api/room/new*)

**Designed by**: Fizza Aamir Faried

**Pre-conditions**:

* The system is up available at the address: http://localhost:3000/
* The Software Tester has access to login credentials.

**Post conditions**:

* None

**Dependencies**:

* None

**Test steps**:

**Test steps**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Step** | **Test step** | **Test data** | **Expected result** | **Actual result** | **Pass/Fail** | **Notes** |
| 1 | Open Postman |  |  |  |  |  |
| 2 | Make a POST request towards the endpoint /api/login | * **username:** tester01 * **password:** GteteqbQQgSr88SwNExUQv2ydb7xuf8c * {"username":"tester01","password":"GteteqbQQgSr88SwNExUQv2ydb7xuf8c"} | * Status code:2XX * X-User-Auth token is generated |  |  |  |
| 3 | Make a POST request towards the endpoint /room/new | * X-User-Auth token that was generated * Edit payload | * Status code:2XX * Client :id: is created * Reponse payload is generated |  |  |  |
| 4 | Make a DELETE request towards the endpoint /room/:id | * X-User-Auth token that was generated | * OK * Status code:2XX * Client :id: is deleted |  |  |  |
| 5 | Make a POST request towards the endpoint /api/logout | * X-User-Auth token that was generated | * OK * Status code:2XX |  |  |  |