

Test Scenarios for Restful-Booker

1. Authentication – POST /auth

ID	Scenario Description	Type
TS001	Verify token is generated with valid credentials	Positive
TS002	Verify response when invalid credentials are provided	Negative
TS003	Validate response time for token generation	Performance
TS004	Verify token length and format	Functional
TS005	Verify behavior when credentials are blank	Negative

2. Create Booking – POST /booking

ID	Scenario Description	Type
TS006	Verify booking is created with all valid fields	Positive
TS007	Verify booking creation with optional fields omitted	Positive
TS008	Validate response when mandatory fields are missing	Negative
TS009	Verify status code and response body format	Functional
TS010	Check for data integrity in response (matching input data)	Functional
TS011	Verify multiple bookings can be created simultaneously	Performance
TS012	Validate response to invalid data types (e.g., string for price)	Negative

3. Get Booking – GET /booking/{id}

ID	Scenario Description	Type
TS013	Retrieve booking details by valid ID	Positive

TS014	Validate response for non-existent ID	Negative
TS015	Verify status code is 200 for valid request	Functional
TS016	Validate the structure and fields in the response	Functional
TS017	Check API behavior under load (multiple simultaneous requests)	Performance

4. Update Booking – PUT **/booking/{id}**

ID	Scenario Description	Type
TS018	Verify booking update with valid token and payload	Positive
TS019	Validate update without token	Negative
TS020	Validate update with invalid token	Negative
TS021	Check response when updating non-existent ID	Negative
TS022	Verify fields are correctly updated	Functional

5. Partial Update – PATCH **/booking/{id}**

ID	Scenario Description	Type
TS023	Verify partial update (e.g., update only first name)	Positive
TS024	Validate token is required for PATCH requests	Negative
TS025	Check for invalid data format in PATCH request	Negative

6. Delete Booking – DELETE **/booking/{id}**

ID	Scenario Description	Type
TS026	Delete booking with valid token and booking ID	Positive
TS027	Try deleting with invalid token	Negative
TS028	Try deleting an already deleted or non-existent booking	Negative

TS029 Verify status code and confirmation message

Functional

7. Health Check – GET **/ping**

ID	Scenario Description	Type
TS030	Verify /ping returns 201 status	Positive
TS031	Measure response time under load	Performance
TS032	Check response when API server is down	Negative