|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **id** | **Category** | **Priority** | **Title** | **Steps** | **Test data** | **Expected results** | **Status** | **Asignee** | **Note** |
| **Create a booking** | | | | | | | | | |
|  | **Main function** |  | Sending request with all optional fields and request fields |  | HTTP method: POST https://restful-booker.herokuapp.com/booking Request body: { "firstname" : "Jim", "lastname" : "Brown", "totalprice" : 111, "depositpaid" : true, "bookingdates" : { "checkin" : "2018-01-01", "checkout" : "2019-01-01" }, "additionalneeds" : "Breakfast" } Header: '-Content-type -Accept | -Status code: 200 OK -It returns valid data |  |  |  |
|  |  |  | Sending request with all request fields |  | HTTP method: POST https://restful-booker.herokuapp.com/booking Request body: { "firstname" : "Jim", "lastname" : "Brown", "totalprice" : 111, "depositpaid" : true, "bookingdates" : { "checkin" : "2018-01-01", "checkout" : "2019-01-01" }, } '-Content-type -Accept | -Status code: 200 OK -It returns valid data |  |  |  |
|  |  |  | Varify that new booking is returned on get all booking |  | HTTP method: GET path: https://restful-booker.herokuapp.com/booking | -Status code: 200 OK -It returns valid data |  |  |  |
|  |  |  | Verify that new booking is returned on the get detail booking |  | HTTP method: GET path: https://restful-booker.herokuapp.com/booking/id | -Status code: 200 OK -It returns valid data |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |
|  | **Response** |  | Verify response format |  |  | { "bookingid": 1, "booking": { "firstname": "Jim", "lastname": "Brown", "totalprice": 111, "depositpaid": true, "bookingdates": { "checkin": "2018-01-01", "checkout": "2019-01-01" }, "additionalneeds": "Breakfast" } } |  |  |  |
|  |  |  | Verify that the first name is correct format and as same as the request body |  |  | -firstname type is string -firstname is the same as firstname on request body |  |  |  |
|  |  |  | Verify the lastname is correct format and as same as the request body |  |  | -lastname type is string -lastname is the same as lastname on request body |  |  |  |
|  |  |  | Verify the totalprice is correct format and as same as the request body |  |  | -totalprice type is string -totelprice is the same as totalprice on request body |  |  |  |
|  |  |  | Verify the depositpaid is correct format and as same as the request body |  |  | -deponsitpaid type is string -deponsitpaid is the same as deponsitpaid on request body |  |  |  |
|  |  |  | Verify the checkin is correct format and as same as the request body |  |  | -checkin type is string -checkin is the same as checkin on request body |  |  |  |
|  |  |  | Verify the checkout is correct format and as same as the request body |  |  | -checkout type is string -checkout is the same as checkout on request body |  |  |  |
|  |  |  | Verify the additional is correct format and as same as the request body |  |  | -additional type is string -additional is the same as additional on request body |  |  |  |
|  | **Validation** |  |  |  |  |  |  |  |  |
|  | **FirstName** |  | Sending request with empty/blank space firstname |  |  | -Status code: 400 bad request-It shows error message |  |  |  |
|  |  |  | Sending request with missing firstname key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on firstname |  |  | -Status code: 400 bad request -It shows error message:" firstname type must be string" |  |  | Need to confirm with dev/ba |
|  | **LastName** |  | Sending request with empty/blank space lastname |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing lastname key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on lastname |  |  | -Status code: 400 bad request -It shows error message:" lastname type must be string" |  |  | Need to confirm with dev/ba |
|  | **TotalPrice** |  | Sending request with empty/bland space totalprice |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing totalprice key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on totalprice |  |  | -Status code: 400 bad request -It shows error message: " Totalprice type must be number" |  |  | Need to confirm with dev/ba |
|  | **Deponsitpaid** |  | Sending request with empty/bland space deponsitpaid |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing deponsitpaid key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on deponsitpaid |  |  | -Status code: 400 bad request -It shows error message: " deponsitpaid type must be boolean" |  |  | Need to confirm with dev/ba |
|  | **Checkin** |  | Sending request with empty/bland space checkin |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing checkin key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with incorrect time fomat |  |  | """- Status code: 400 Bad request - IT shows error message ""Date time format must be yyyy/mm/dd""" |  |  |  |
|  |  |  | Sending request with checkin date is greather than checkout date |  |  | """- Status code: 400 Bad request- IT shows error message ""checkin date must less than checkout date""" |  |  |  |
|  | **Checkout** |  | Sending request with empty/bland space checkout |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing checkout key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with incorrect time fomat |  |  | """- Status code: 400 Bad request - IT shows error message ""Date time format must be yyyy/mm/dd""" |  |  |  |
|  |  |  | Sending request with checkin date is greather than checkout date |  |  | """- Status code: 400 Bad request - IT shows error message ""checkin date must less than checkout date""" |  |  |  |
|  | **Header** |  |  |  |  |  |  |  |  |
|  | **Content-type** |  | Sending request with content-type in header is not application/jon |  |  | -Status code: 400 bad request -It shows message "Content-type must be application/json" |  |  |  |
|  | **Accept** |  | Sending request with caccept in header is not application/jon |  |  | -Status code: 400 bad request -It shows message "accept must be application/json" |  |  |  |
| **Delete a booking** | | | | | | | | | |
|  | **Main function** |  | Sending request with all request fields to move a booking |  | HTTP method: DELETE path: https://restful-booker.herokuapp.com/booking/id Header:  '- Cookie -Authorisation | -Status code: 204 OK - It shows delete success message |  |  |  |
|  |  |  | Sending request with the latest access token if user login mutipath times |  |  | -Status code: 204 OK |  |  |  |
|  |  |  | Varify bookingID that is deleted on get all booking request |  |  | -Status code: 200 OK -It does not return bookingID deleted |  |  |  |
|  |  |  | Verify that bookingID is deleted on get detail booking request |  |  | -Status code: 200 OK -It does not return bookingID deleted |  |  |  |
|  | **Validation** |  |  |  |  |  |  |  |  |
|  | **Path:id** |  | Sending request with un exitting bookingID |  | bookinID:123456789 | -Status code: 404 not found- It shows error message |  |  |  |
|  |  |  | Sending request with bookingID is deleted |  | bookingID: 123456 | -Status code: 404 not found - It shows error message |  |  |  |
|  |  |  | Sending request with bookingID type do not number |  | bookingID: jjfsjfsfskdk455 | -Status code: 400 bad request -It shows message "bookingId type must be number" |  |  |  |
|  | **Cookie** |  | Sending request with cookie parameter missing on cookie parameter |  |  | -Status code: 403 forbidden -It show message error message |  |  |  |
|  |  |  | Sending request with missing'token = ' |  |  | -Status code: 403 forbidden -It show message error message |  |  |  |
|  |  |  | Sending request with missing access token |  | token = | -Status code: 403 forbidden -It show message error message |  |  |  |
|  |  |  | Sending request with expire access token |  | token = ' expire access token' | -Status code: 403 forbidden -It show message error message |  |  |  |
|  |  |  | Sending request with access token is incorrect |  | token = "access token is incorrect" | -Status code: 403 forbidden -It show message error message |  |  |  |
|  |  |  | Sending request with an invalid access token by looged out by user |  |  | -Status code: 403 forbidden -It show message error message |  |  |  |
|  |  |  | Sending request with the not latest access token if user loggin mutipath time |  |  | -Status code: 403 forbidden -It show message error message |  |  |  |
|  | **Authorisation** |  | Sending request with missing basic |  |  | -Status code: 401 uauthorized -It shows meaningfull error message |  |  |  |
|  |  |  | Sending request with missing basic and access token |  |  | -Status code: 401 uauthorized -It shows meaningfull error message |  |  |  |
|  |  |  | Sending request with missing access token |  |  | -Status code: 401 uauthorized -It shows meaningfull error message |  |  |  |
|  |  |  | Sending request with the not latest access token if user login mutipath times |  |  | -Status code: 401 uauthorized -It shows meaningfull error message |  |  |  |
|  |  |  | Sending request with access token is incorrect |  | Basic {access token incorrect} | -Status code: 401 uauthorized -It shows meaningfull error message |  |  |  |
|  |  |  | Sending request with access token is expire |  | Basic {access token expire} | -Status code: 401 uauthorized-It shows meaningfull error message |  |  |  |
|  |  |  | Sending request with an invalid access token by logged out by user |  |  | -Status code: 401 uauthorized -It shows meaningfull error message |  |  |  |
| **Update a booking** | | | | | | | | | |
|  | **Main function** |  | Sending request with all optional fields and all request fields |  | HTTP method: PUT path: https://restful-booker.herokuapp.com/booking/id request body: { "firstname" : "James", "lastname" : "Brown", "totalprice" : 111, "depositpaid" : true, "bookingdates" : {  "checkin" : "2018-01-01", "checkout" : "2019-01-01" }, "additionalneeds" : "Breakfast" } | -Status code: 200 OK - It shows message update success { "firstname" : "James", "lastname" : "Brown", "totalprice" : 111, "depositpaid" : true, "bookingdates" : { "checkin" : "2018-01-01", "checkout" : "2019-01-01" }, "additionalneeds" : "Breakfast" } |  |  |  |
|  |  |  | Sending request with all request fields to update a booking |  | HTTP method: PUT path: https://restful-booker.herokuapp.com/booking/id request body: { "firstname" : "James", "lastname" : "Brown", } | -Status code: 200 OK - It shows message update success { "firstname" : "James", "lastname" : "Brown", "totalprice" : 111, "depositpaid" : true, "bookingdates" : { "checkin" : "2018-01-01", "checkout" : "2019-01-01" }, "additionalneeds" : "Breakfast" } |  |  |  |
|  |  |  | Verify that the booking update is returned on get all booking |  | HTTP method: GET path: https://restful-booker.herokuapp.com/booking | -Status code: 200 OK - It show message get success |  |  |  |
|  |  |  | Verify that the booking update is returned on get detail booking |  | HTTP method: GETpath: https://restful-booker.herokuapp.com/booking/id | -Status code: 200 OK- It show message get success{"firstname" : "James","lastname" : "Brown","totalprice" : 111,"depositpaid" : true,"bookingdates" : {"checkin" : "2018-01-01","checkout" : "2019-01-01"},"additionalneeds" : "Breakfast"} |  |  |  |
|  | **Response** |  | Verify response format |  |  | { "firstname" : "James", "lastname" : "Brown", "totalprice" : 111, "depositpaid" : true, "bookingdates" : { "checkin" : "2018-01-01", "checkout" : "2019-01-01" }, "additionalneeds" : "Breakfast" } |  |  |  |
|  |  |  | Verify that the first name is correct format and as same as the request body |  |  | -firstname type is string -firstname is the same as firstname on request body |  |  |  |
|  |  |  | Verify the lastname is correct format and as same as the request body |  |  | -lastname type is string -lastname is the same as lastname on request body |  |  |  |
|  |  |  | Verify the totalprice is correct format and as same as the request body |  |  | -totalprice type is string -totelprice is the same as totalprice on request body |  |  |  |
|  |  |  | Verify the depositpaid is correct format and as same as the request body |  |  | -deponsitpaid type is string -deponsitpaid is the same as deponsitpaid on request body |  |  |  |
|  |  |  | Verify the checkin is correct format and as same as the request body |  |  | -checkin type is string -checkin is the same as checkin on request body |  |  |  |
|  |  |  | Verify the checkout is correct format and as same as the request body |  |  | -checkout type is string -checkout is the same as checkout on request body |  |  |  |
|  |  |  | Verify the additional is correct format and as same as the request body |  |  | -additional type is string-additional is the same as additional on request body |  |  |  |
|  | **Validation** |  |  |  |  |  |  |  |  |
|  | **Path:id** |  | Sending request with un exitting bookingID |  | bookinID:123456789 | -Status code: 404 not found - It shows error message |  |  |  |
|  |  |  | Sending request with bookingID is deleted |  | bookingID: 123456 | -Status code: 404 not found - It shows error message |  |  |  |
|  |  |  | Sending request with bookingID type do not number |  | bookingID: jjfsjfsfskdk455 | -Status code: 400 bad request -It shows message "bookingId type must be number" |  |  |  |
|  | **FirstName** |  | Sending request with empty/blank space firstname |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing firstname key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on firstname |  |  | -Status code: 400 bad request -It shows error message:" firstname type must be string" |  |  | Need to confirm with dev/ba |
|  | **LastName** |  | Sending request with empty/blank space lastname |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing lastname key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on lastname |  |  | -Status code: 400 bad request -It shows error message:" lastname type must be string" |  |  | Need to confirm with dev/ba |
|  | **TotalPrice** |  | Sending request with empty/bland space totalprice |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing totalprice key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on totalprice |  |  | -Status code: 400 bad request -It shows error message: " Totalprice type must be number" |  |  | Need to confirm with dev/ba |
|  | **Deponsitpaid** |  | Sending request with empty/bland space deponsitpaid |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing deponsitpaid key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on deponsitpaid |  |  | -Status code: 400 bad request -It shows error message: " deponsitpaid type must be boolean" |  |  | Need to confirm with dev/ba |
|  | **Checkin** |  | Sending request with empty/bland space checkin |  |  | -Status code: 400 bad request-It shows error message |  |  |  |
|  |  |  | Sending request with missing checkin key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with incorrect time fomat |  |  | """- Status code: 400 Bad request - IT shows error message ""Date time format must be yyyy/mm/dd""" |  |  |  |
|  |  |  | Sending request with checkin date is greather than checkout date |  |  | """- Status code: 400 Bad request - IT shows error message ""checkin date must less than checkout date""" |  |  |  |
|  | **Checkout** |  | Sending request with empty/bland space checkout |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing checkout key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with incorrect time fomat |  |  | """- Status code: 400 Bad request - IT shows error message ""Date time format must be yyyy/mm/dd""" |  |  |  |
|  |  |  | Sending request with checkin date is greather than checkout date |  |  | """- Status code: 400 Bad request - IT shows error message ""checkin date must less than checkout date""" |  |  |  |
|  | **Header** |  |  |  |  |  |  |  |  |
|  | **Content-type** |  | Sending request with content-type in header is not application/jon |  |  | -Status code: 400 bad request -It shows message "Content-type must be application/json" |  |  |  |
|  | **Accept** |  | Sending request with caccept in header is not application/jon |  |  | -Status code: 400 bad request -It shows message "accept must be application/json" |  |  |  |
| **GET ALL BOOKING** | | | | | | | | | |
|  | Main function |  | Sending request with all request fields to get all booking |  | -HTTP method: GET -Path: https://restful-booker.herokuapp.com/booking | -Status code: 200 OK -It shows message get all booking succed |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
|  | Response |  | Varify that get all booking success with correct fomat |  |  | -Status code: 200 OK -It shows all booing |  |  |  |
|  |  |  | Verify that response all booking is created |  |  | -Status code: 200 OK-It shows all booing |  |  |  |
|  |  |  | Verify that response all booking correct fomat |  |  | -Status code: 200 OK -It shows all booing |  |  |  |
|  |  |  | Verify that response all booking have type key is string |  | [ { "bookingid": 1 },  { "bookingid": 2 }, { "bookingid": 3 }, { "bookingid": 4 } ] | -Status code: 200 OK -It shows all booing |  |  |  |
|  |  |  | Verify that response all booking have type value is number |  | [ { "bookingid": 1 },  { "bookingid": 2 }, { "bookingid": 3 }, { "bookingid": 4 } ] | -Status code: 200 OK -It shows all booing |  |  |  |
|  | Validation |  |  |  |  |  |  |  |  |
| **GET A BOOKING** | | | | | | | | | |
|  | Main function |  | Sending request with all request field to get a booking by id |  | -HTTP method: GET -Path: https://restful-booker.herokuapp.com/booking/id -Header: Accept | -Status code: 200 OK -Its shows message "Get a booking success" |  |  |  |
|  |  |  | Verify that a booking is get in the result of get all booking |  |  | -Status code: 200 OK -Its shows message "Get a booking success" |  |  |  |
|  | Response |  | Verify response format |  |  | {"bookingid": 1,"booking": {"firstname": "Jim","lastname": "Brown","totalprice": 111,"depositpaid": true,"bookingdates": {"checkin": "2018-01-01","checkout": "2019-01-01"},"additionalneeds": "Breakfast"}} |  |  |  |
|  |  |  | Verify that the first name is correct format and as same as the request body |  |  | -firstname type is string -firstname is the same as firstname on request body |  |  |  |
|  |  |  | Verify the lastname is correct format and as same as the request body |  |  | -lastname type is string -lastname is the same as lastname on request body |  |  |  |
|  |  |  | Verify the totalprice is correct format and as same as the request body |  |  | -totalprice type is string -totelprice is the same as totalprice on request body |  |  |  |
|  |  |  | Verify the depositpaid is correct format and as same as the request body |  |  | -deponsitpaid type is string -deponsitpaid is the same as deponsitpaid on request body |  |  |  |
|  |  |  | Verify the checkin is correct format and as same as the request body |  |  | -checkin type is string -checkin is the same as checkin on request body |  |  |  |
|  |  |  | Verify the checkout is correct format and as same as the request body |  |  | -checkout type is string -checkout is the same as checkout on request body |  |  |  |
|  |  |  | Verify the additional is correct format and as same as the request body |  |  | -additional type is string -additional is the same as additional on request body |  |  |  |
|  | Validation |  |  |  |  |  |  |  |  |
|  | Path:id |  | Sending request with un exitting bookingID |  | bookinID:123456789 | -Status code: 404 not found - It shows error message |  |  |  |
|  |  |  | Sending request with bookingID is deleted |  | bookingID: 123456 | -Status code: 404 not found - It shows error message |  |  |  |
|  |  |  | Sending request with bookingID type do not number |  | bookingID: jjfsjfsfskdk455 | -Status code: 400 bad request -It shows message "bookingId type must be number" |  |  |  |
|  | **FirstName** |  | Sending request with empty/blank space firstname |  |  | -Status code: 400 bad request-It shows error message |  |  |  |
|  |  |  | Sending request with missing firstname key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on firstname |  |  | -Status code: 400 bad request -It shows error message:" firstname type must be string" |  |  | Need to confirm with dev/ba |
|  | **LastName** |  | Sending request with empty/blank space lastname |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing lastname key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on lastname |  |  | -Status code: 400 bad request -It shows error message:" lastname type must be string" |  |  | Need to confirm with dev/ba |
|  | **TotalPrice** |  | Sending request with empty/bland space totalprice |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing totalprice key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on totalprice |  |  | -Status code: 400 bad request -It shows error message: " Totalprice type must be number" |  |  | Need to confirm with dev/ba |
|  | **Deponsitpaid** |  | Sending request with empty/bland space deponsitpaid |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing deponsitpaid key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with symbol character on deponsitpaid |  |  | -Status code: 400 bad request -It shows error message: " deponsitpaid type must be boolean" |  |  | Need to confirm with dev/ba |
|  | **Checkin** |  | Sending request with empty/bland space checkin |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing checkin key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with incorrect time fomat |  |  | """- Status code: 400 Bad request - IT shows error message ""Date time format must be yyyy/mm/dd""" |  |  |  |
|  |  |  | Sending request with checkin date is greather than checkout date |  |  | """- Status code: 400 Bad request- IT shows error message ""checkin date must less than checkout date""" |  |  |  |
|  | **Checkout** |  | Sending request with empty/bland space checkout |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with missing checkout key and value |  |  | -Status code: 400 bad request -It shows error message |  |  |  |
|  |  |  | Sending request with incorrect time fomat |  |  | """- Status code: 400 Bad request - IT shows error message ""Date time format must be yyyy/mm/dd""" |  |  |  |
|  |  |  | Sending request with checkin date is greather than checkout date |  |  | """- Status code: 400 Bad request - IT shows error message ""checkin date must less than checkout date""" |  |  |  |