|  |  |  |
| --- | --- | --- |
| ID: 1 | | |
| Title: Get all bear objects list | | |
| Description: Send GET request to /bear endpoint for getting all bear objects | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Bear objects list is empty. Send GET request to /bear endpoint | response status\_code == 200  response body == [] |
| #2 | Send POST request with correct json bear object (default) to endpoint /bear for creating new bear | response status\_code == 200 |
| #3 | Send GET request to /bear endpoint | response status\_code == 200  response body = list with bear object created in step #2, bear\_id == step #2 response body, bear\_name modified to upper case  response body has following json schema:  {  "type": "array",  "items": {  "type": "object",  "properties": {  "bear\_id": {"type": "integer"},  "bear\_name": {"type": "string"},  "bear\_type": {"enum": ["POLAR", "BROWN", "BLACK", "GUMMY"]},  "bear\_age": {  "type": "number",  "minimum": 0,  "maximum": 1  }  }  } } |

|  |  |  |
| --- | --- | --- |
| ID: 2 | | |
| Title: Get single bear object by existing id | | |
| Description: Send GET request to /bear/:id endpoint for getting single bear object by existing id | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request with correct json bear object (default) to endpoint /bear for creating new bear | response status\_code == 200 |
| #2 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body  response body has following schema:  {  "type": "object",  "properties": {  "bear\_id": {"type": "integer"},  "bear\_name": {"type": "string"},  "bear\_type": {  "enum": ["POLAR", "BROWN", "BLACK", "GUMMY"]},  "bear\_age": {  "type": "number",  "minimum": 0,  "maximum": 100  }  } } |

|  |  |  |
| --- | --- | --- |
| ID: 3 | | |
| Title: Get single bear object by not existing id and invalid id | | |
| Description: Send GET request to /bear/:id endpoint for getting single bear object by not existing and invalid id | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send GET request to /bear/:id endpoint where id is not existing but valid | response status\_code == 404  response body == Error message:  “Not found!” |
| #2 | Send GET request to /bear/:id endpoint where id is invalid | response status\_code == 400  response body == Error message:  “Invalid Identifier!” |

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| --- | --- | --- |
| ID: 4 | | |
| Title: Delete all bear objects list | | |
| Description: Send DELETE request to /bear endpoint for deleting all bear objects | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send 3 POST requests with correct json bear objects (default) to endpoint /bear for creating new bears | response status\_code == 200 |
| #2 | Send DELETE request to /bear endpoint | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear endpoint | response status\_code == 200  response body = [] |
| #4 | Send DELETE request again to /bear endpoint | response status\_code == 200  response body = OK |

|  |  |  |
| --- | --- | --- |
| ID: 5 | | |
| Title: Delete single bear object by existing id | | |
| Description: Send DELETE request to /bear/:id endpoint for deleting single bear object by existing id | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST requests with correct json bear object (default) to endpoint /bear for creating new bear | response status\_code == 200 |
| #2 | Send DELETE request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 404  response body == Error message:  “Not found!” |

|  |  |  |
| --- | --- | --- |
| ID: 6 | | |
| Title: Delete single bear object by not existing and invalid id | | |
| Description: Send DELETE request to /bear/:id endpoint for deleting single bear object by not existing and invalid id | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send DELETE request to /bear/:id endpoint where id is not existing | response status\_code == 404  response body == Error message:  “Not found!” |
| #2 | Send DELETE request to /bear/:id endpoint where id is invalid | response status\_code == 400  response body == Error message “Invalid Identifier!” |

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| --- | --- | --- |
| ID: 7 | | |
| Title: Delete single bear object by id twice | | |
| Description: Send DELETE request to /bear/:id endpoint for deleting single bear object twice | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST requests with correct json bear object (default) to endpoint /bear for creating new bear | response status\_code == 200 |
| #2 | Send DELETE request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == OK |
| #3 | Send DELETE request to /bear/:id endpoint where id == step #1 response body again | response status\_code == 404  response body == Error message:  “Not found!” |

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| --- | --- | --- |
| ID: 8 | | |
| Title: Create bear object with correct data | | |
| Description: Send POST request with correct json to /bear endpoint for creating new bear object | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json (default):  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send GET request to /bear/:id endpoint where id == id bear object created in step #1 | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body, bear\_name modified to upper case |

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| --- | --- | --- |
| ID: 9 | | |
| Title: Create bear object with different correct bear\_type key values | | |
| Description: Send POST request with correct json and different correct bear\_type key value to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request with correct json bear object (default) to endpoint /bear for creating new bear | response status\_code == 200 |
| #2 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body, bear\_name modified to upper case |
| #3 | Repeat Steps ##1-2 with following bear\_type key values: “BROWN”, “BLACK”, “GUMMY” |  |

|  |  |  |
| --- | --- | --- |
| ID: 10 | | |
| Title: Create bear object with different incorrect bear\_type key value data types | | |
| Description: Send POST request with correct json and different incorrect bear\_type key value data types to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send POST request to /bear endpoint with following json (incorrect bear\_type data type):  {  "bear\_type": true,  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_type’ data type!” |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #3 | Repeat Steps ##1-2 with following bear\_type key values (incorrect bear\_type data type): null, random int, [], {}. |  |

|  |  |  |
| --- | --- | --- |
| ID: 11 | | |
| Title: Create bear object with different incorrect bear\_type key values | | |
| Description: Send POST request with correct json and different incorrect bear\_type key value to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send POST request to /bear endpoint  with following json:  {  "bear\_type": "black",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_type’ value!” |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #3 | Repeat Steps ##1-2 with following bear\_type key values: “polar”, “brown”, “gummy”, random\_str, “” |  |

|  |  |  |
| --- | --- | --- |
| ID: 12 | | |
| Title: Create bear object with different correct bear\_age values | | |
| Description: Send POST request with correct json and different correct bear\_age key value to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear/endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 0 } | response status\_code == 200 |
| #2 | Send GET request to /bear/:id endpoint where id == id bear object created in step #1 | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body, bear\_name modified to upper case |
| #3 | Repeat Steps ##1-2 with following bear\_age key values: 0.01, 99.99, 100 |  |

|  |  |  |
| --- | --- | --- |
| ID: 13 | | |
| Title: Create bear object with different incorrect bear\_age values | | |
| Description: Send POST request with correct json and different incorrect bear\_age key values to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": -0.01 } | response status\_code == 400  response body == Error message:  “’bear\_type’ value out of range!” |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #3 | Repeat Steps ##1-2 with following bear\_age key values: 100.01 |  |

|  |  |  |
| --- | --- | --- |
| ID: 14 | | |
| Title: Create bear object with different incorrect bear\_age key value data type | | |
| Description: Send POST request with correct json and different incorrect bear\_age key value data type to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send POST request to /bear endpoint with following json (incorrect bear\_age data type)  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": true } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_age’ data type!” |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #3 | Repeat Steps ##1-2 with following bear\_age key values (incorrect bear\_age data type): null, random\_str, [], {} |  |

|  |  |  |
| --- | --- | --- |
| ID: 15 | | |
| Title: Create bear object with different correct bear\_name key values | | |
| Description: Send POST request with correct json and different correct bear\_name key value to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body, bear\_name modified to upper case |
| #3 | Repeat Steps #1-2 with following bear\_name key values: random string |  |

|  |  |  |
| --- | --- | --- |
| ID: 16 | | |
| Title: Create bear object with different incorrect bear\_name key value data types | | |
| Description: Send POST request with correct json and different incorrect bear\_name key value data types to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #3 | Objects list is empty. Send POST request to /bear endpoint  with following json (incorrect bear\_name data type):  {  "bear\_type": "BLACK",  "bear\_name": true,  "bear\_age": 17.5 } | response status\_code == 400  response body == Error message:  “Invalid `bear\_name` data type!” |
| #4 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #5 | Repeat Step ##3-4 with following bear\_name key values (incorrect bear\_name data type): null, random\_number, [], {} |  |

|  |  |  |
| --- | --- | --- |
| ID: 17 | | |
| Title: Create bear object with not supported field | | |
| Description: Send POST request with correct json and not supported field to /bear endpoint | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5,  "random\_str": "random\_str" } | response status\_code == 400  response body == Error message:  “Not supported field ‘random\_str’” |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |

|  |  |  |
| --- | --- | --- |
| ID: 18 | | |
| Title: Create bear object with all incorrect values and check errors list | | |
| Description: Send POST request with all incorrect values and check errors list | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Object list is empty. Send POST request to /bear endpoint with following json:  {  "bear\_type": null,  "bear\_name": null,  "bear\_age": null } | response status\_code == 400  response body == Error message:  “Invalid `bear\_type` data type!  Invalid ‘bear\_name’ data type!  Invalid ‘bear\_age’ data type” |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |

|  |  |  |
| --- | --- | --- |
| ID: 19 | | |
| Title: Create bear object without required field | | |
| Description: Send POST request without required field | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Object list is empty. Send POST request to /bear endpoint with following json:  {  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 400  response body == Error. Pls fill all parameters |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #3 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_age": 17.5 } | response status\_code == 400  response body == Error. Pls fill all parameters |
| #4 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |
| #5 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail" } | response status\_code == 400  response body == Error. Pls fill all parameters |
| #6 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |

|  |  |  |
| --- | --- | --- |
| ID: 20 | | |
| Title: Create bear object with empty body | | |
| Description: Send POST request with empty body | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Object list is empty. Send POST request to /bear endpoint with empty body | response status\_code == 400  response body == Error. Pls fill all parameters |
| #2 | Send GET request to /bear endpoint | response status\_code == 200  response body == empty list |

|  |  |  |
| --- | --- | --- |
| ID: 21 | | |
| Title: Check autoincrement bear\_id key value after deleting | | |
| Description: Check that after deleting an object, its id is not reused | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST requests with correct json bear object to endpoint /bear for creating new bear | response status\_code == 200 |
| #2 | Send DELETE request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == OK |
| #3 | Repeat Step #1 | response status\_code == 200  response body == step #1 response body + 1 |
| #4 | Send GET request to /bear/:id endpoint where id == step #3 response body | response status\_code == 200  response body == dict with data specified in step #3, bear\_id == step #3 response body |

|  |  |  |
| --- | --- | --- |
| ID: 22 | | |
| Title: Create two bear objects with the same values | | |
| Description: Send two POST requests with identical bodies | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200  response body == id of created bear object ($id1) |
| #2 | Repeat Step #1 | response status\_code == 200  response body == step #1 response body + 1 ($id2) |
| #3 | Send two GET requests to /bear/:id endpoint where id == $id1 and $id2. Compare response bodies. | All fields except bear\_id are identical. bear\_id values differ by one. |

|  |  |  |
| --- | --- | --- |
| ID: 23 | | |
| Title: Update single object by existing id | | |
| Description: Send PUT request to /bear/:id endpoint for single object by existing id | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint  where id == step #1 response body with following json:  {  "bear\_name": "random\_valid\_str" } | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1 (except bear\_name), bear\_id == step #1 response body, bear\_name == step #2 bear\_name modified to upper case |

|  |  |  |
| --- | --- | --- |
| ID: 24 | | |
| Title: Update single object by not existing and invalid id | | |
| Description: Send PUT request to /bear/:id endpoint for single object | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Objects list is empty. Send PUT request to /bear/:id endpoint where id is not existing | response status\_code == 404  response body == Error message:  “Not found!” |
| #2 | Send PUT request to /bear/:id endpoint where id is invalid | response status\_code == 400  response body == Error message:  “Invalid Identifier!” |

|  |  |  |
| --- | --- | --- |
| ID: 25 | | |
| Title: Update bear\_type of bear object with correct values | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_type of bear object with different correct values | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "bear\_type": "POLAR"  } | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1 (except bear\_type), bear\_id == step #1 response body, bear\_type == step #2 bear\_type |
| #4 | Repeat Steps ##2-3 with following bear\_type key values: “GUMMY”, “BROWN”, “BLACK” |  |

|  |  |  |
| --- | --- | --- |
| ID: 26 | | |
| Title: Update bear\_type of bear object with incorrect values | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_type of bear object with different incorrect values | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id where id == step #1 response body with following json:  {  "bear\_type": "polar" } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_type’ value!” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |
| #4 | Repeat Steps #2-3 with following bear\_type key values: “gummy”, “brown”, “black”, random\_str, “” |  |

|  |  |  |
| --- | --- | --- |
| ID: 27 | | |
| Title: Update bear\_type of bear object with incorrect value data types | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_type of bear object with different incorrect value data types | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json (incorrect bear\_type data type):  {  "bear\_type": true } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_type’ data type!” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |
| #4 | Repeat Steps #2-3 with following bear\_type key values (incorrect bear\_type data type): null, randon\_number, [], {}. |  |

|  |  |  |
| --- | --- | --- |
| ID: 28 | | |
| Title: Update bear\_name of bear object with correct values | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_name of bear object with correct values | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "bear\_name": "" } | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1 (except bear\_name), bear\_id == step #1 response body, bear\_name == step #2 bear\_name modified to upper case |
| #4 | Repeat Steps #2-3 with following bear\_name values: random\_str |  |

|  |  |  |
| --- | --- | --- |
| ID: 29 | | |
| Title: Update bear\_name of bear object with incorrect value data types | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_name of bear object with incorrect value data types | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json (incorrect bear\_name type):  {  "bear\_name": true } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_name’ data type!” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |
| #4 | Repeat Steps ##2-3 with following bear\_name key values (incorrect bear\_name data type): null, random\_number, [], {} |  |

|  |  |  |
| --- | --- | --- |
| ID: 30 | | |
| Title: Update bear\_age of bear object with correct values | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_age of bear object with correct values | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "bear\_age": 0 } | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1 (except bear\_age), bear\_id == step #1 response body, bear\_age == step #2 bear\_age |
| #4 | Repeat Steps ##2-3 with following bear\_age key values: 0.01, 99.99, 100 |  |

|  |  |  |
| --- | --- | --- |
| ID: 31 | | |
| Title: Update bear\_age of bear object with incorrect values | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_age of bear object with incorrect values | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "bear\_age": -0.01 } | response status\_code == 400  response body == Error message:  “’bear\_age’ value is out of range!” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |
| #4 | Repeat Steps ##2-3 with following bear\_age key values: 100.01 |  |

|  |  |  |
| --- | --- | --- |
| ID: 32 | | |
| Title: Update bear\_age of bear object with incorrect value data types | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_age of bear object with incorrect value data types | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json (incorrect bear\_age data type):  {  "bear\_age": true } | response status\_code == 400  response body == Error message:  “Invalid ‘bear\_age’ data type!” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |
| #4 | Repeat Steps ##2-3 with following bear\_age key values (incorrect bear\_age data type): null, randon\_str, [], {} |  |

|  |  |  |
| --- | --- | --- |
| ID: 33 | | |
| Title: Update bear object with empty body | | |
| Description: Send PUT request to /bear/:id endpoint for updating bear\_age of bear object with empty body | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with empty body | response status\_code == 400  response body == Error message:  “Error. Pls fill at least one parameter” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |

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| ID: 34 | | |
| Title: Update all fields of bear object with correct values | | |
| Description: Send PUT request to /bear/:id endpoint for updating all fields of bear object with correct values | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "bear\_type": "valid other than step #1",  "bear\_name": "valid other than step #1",  "bear\_age": valid other than step #1 } | response status\_code == 200  response body == OK |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #2, bear\_id == step #1 response body |

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| ID: 35 | | |
| Title: Update all fields of bear object with incorrect values and check errors list | | |
| Description: Send PUT request to /bear/:id endpoint for updating all fields of bear object with incorrect values and check errors list | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "bear\_type": null,  "bear\_name": null,  "bear\_age": null } | response status\_code == 400  response body == Error message:  “Invalid `bear\_type` data type!  Invalid ‘bear\_name’ data type!  Invalid ‘bear\_age’ data type” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |

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| ID: 36 | | |
| Title: Update bear object with not supported field | | |
| Description: Send PUT request to /bear/:id endpoint with not supported field | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send PUT request to /bear/:id endpoint where id == step #1 response body with following json:  {  "random\_str": "random\_str" } | response status\_code == 400  response body == Error message:  “Not supported field ‘random\_str’!” |
| #3 | Send GET request to /bear/:id endpoint where id == step #1 response body | response status\_code == 200  response body == dict with data specified in step #1, bear\_id == step #1 response body |

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| --- | --- | --- |
| ID: 37 | | |
| Title: Update bear object with data like another bear object | | |
| Description: Send PUT request to /bear/:id endpoint with data like another bear object | | |
| Steps | | |
| Steps | | Expected result |
| #1 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200 |
| #2 | Send POST request to /bear endpoint with following json:  {  "bear\_type": "valid other than step #1",  "bear\_name": "valid other than step #1",  "bear\_age": valid other than step #1, } | response status\_code == 200 |
| #3 | Send PUT request to /bear/:id endpoint where id == step #2 response body with following json:  {  "bear\_type": "BLACK",  "bear\_name": "mikhail",  "bear\_age": 17.5 } | response status\_code == 200  response body == OK |
| #4 | Send two GET requests to /bear/:id endpoint where id == step #1 response body and step #2 response body. Compare response bodies. | All fields except bear\_id are identical |