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web design

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# Testing

|  |  |
| --- | --- |
| User Story | General – applies to All |
| Test Case ID | 1 |
| Description | Using invalid URL |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set GET request 2. Enter URL <http://localhost/Phones/api/phonesss> 3. Press send |
| Then | HTTP Response404 |
| Test Status | Passed |

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| --- | --- |
| User Story | As an API Consumer, I want to access (phones) database table so that I use the data in my application |
| Test Case ID | 2 |
| Description | Access database tables- Success |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set GET request 2. Enter URL: <http://localhost/Phones/api/phones> 3. Press send |
| Then | 1. HTTP Response 200 OK 2. All database phones table is displayed in JSON format |
| Test Status | Passed |

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| --- | --- |
| User Story | As an API Consumer, I want to access (users) database table so that I use the data in my application |
| Test Case ID | 3 |
| Description | Access database tables- Success |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set GET request 2. Enter URL: <http://localhost/Phones/api/users> 3. Press send |
| Then | 1. HTTP Response 200 OK 2. All database phones table is displayed in JSON format |
| Test Status | Passed |

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| --- | --- |
| User Story | As an API Consumer, I want to add an element to (phones) database table so that I use the data in my application |
| Test Case ID | 4 |
| Description | Add elements to phone database tables- Success |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set ADD request 2. Enter URL: <http://localhost/Phones/api/phones> 3. Enter the element in a JSON format with its UNIQUE ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. Phone added successfully |
| Test Status | Passed |

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| --- | --- |
| User Story | As an API Consumer, I want to add an element to (users) database table so that I use the data in my application |
| Test Case ID | 5 |
| Description | Add elements to users database tables- Success |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set ADD request 2. Enter URL: <http://localhost/Phones/api/users> 3. Enter the element in a JSON format with its UNIQUE ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. User added successfully |
| Test Status | Passed |

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|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to add an element to (phone) database table so that I use the data in my application |
| Test Case ID | 6 |
| Description | Add elements to phones database tables- unsuccessful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set ADD request 2. Enter URL: <http://localhost/Phones/api/phones> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. error":"Phone with this ID already exists |
| Test Status | Passed |

A screenshot of a computer

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| --- | --- |
| User Story | As an API Consumer, I want to add an element to (users) database table so that I use the data in my application |
| Test Case ID | 7 |
| Description | Add elements to users database tables- unsuccessful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set ADD request 2. Enter URL: <http://localhost/Phones/api/users> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. error":"User with this ID already exists |
| Test Status | Passed |

A screenshot of a computer

Description automatically generated

|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to delete an element by id to (phone) database table so that I use the data in my application |
| Test Case ID | 8 |
| Description | Add elements to phones database tables- unsuccessful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set DELETE request 2. Enter URL: <http://localhost/Phones/api/phones>/3 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. error":"Phone with ID does not exit |
| Test Status | Passed |

A screenshot of a computer

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| --- | --- |
| User Story | As an API Consumer, I want to delete an element by id to (users) database table so that I use the data in my application |
| Test Case ID | 9 |
| Description | Add elements to users database tables- unsuccessful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set DELETE request 2. Enter URL: <http://localhost/Phones/api/users>/3 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"User deleted successfully"} |
| Test Status | Passed |

A screenshot of a computer

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|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to delete an element by id to (phone) database table so that I use the data in my application |
| Test Case ID | 10 |
| Description | Add elements to phones database tables- successful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set DELETE request 2. Enter URL: <http://localhost/Phones/api/phones/3> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"Phone deleted successfully"} |
| Test Status | Passed |

A screenshot of a computer

Description automatically generated

|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to delete an element by id to (users) database table so that I use the data in my application |
| Test Case ID | 11 |
| Description | Add elements to users database tables- successful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set DELETE request 2. Enter URL: <http://localhost/Phones/api/users/3> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"Phone deleted successfully"} |
| Test Status | Passed |

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| --- | --- |
| User Story | As an API Consumer, I want to update an element by id to (phone) database table so that I use the data in my application |
| Test Case ID | 12 |
| Description | Add elements to phones database tables- successful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set PUT request 2. Enter URL: <http://localhost/Phones/api/phones/3> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"Phone deleted successfully"} |
| Test Status | Passed |

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|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to update an element by id to (users) database table so that I use the data in my application |
| Test Case ID | 13 |
| Description | Add elements to users database tables- successful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set PUT request 2. Enter URL: <http://localhost/Phones/api/users/3> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"Phone deleted successfully"} |
| Test Status | Passed |

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Description automatically generated

|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to update an element by id to (users) database table so that I use the data in my application |
| Test Case ID | 13 |
| Description | Add elements to users database tables- unsuccessful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set PUT request 2. Enter URL: <http://localhost/Phones/api/users/3> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"Phone deleted successfully"} |
| Test Status | Passed |

A screenshot of a computer

Description automatically generated

|  |  |
| --- | --- |
| User Story | As an API Consumer, I want to update an element by id to (phone) database table so that I use the data in my application |
| Test Case ID | 12 |
| Description | Add elements to phones database tables- unsuccessful |
| Given | 1. The application server and database server is running 2. Postman REST Client Opened |
| When | 1. Set PUT request 2. Enter URL: <http://localhost/Phones/api/phones/3> 3. Enter the element in a JSON format with same ID 4. Press send |
| Then | 1. HTTP Response 200 OK 2. {"message":"Phone deleted successfully"} |
| Test Status | Passed |

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Description automatically generated