# GET Read Method

* To fetch User List from the system and display it on Leaderboard, Read Method will use. Request Parameter id will return specific User’s Details.
* [http://localhost/REST\_API\_DEMO/v1/users/read.php?api\_key= dXNlcnNfcmVzdF9hcGlfZGVtbw==](http://localhost/REST_API_DEMO/v1/users/read.php?api_key=%20dXNlcnNfcmVzdF9hcGlfZGVtbw==)

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| Request Param | Example Values | Data Format | Comments |
| id | 9 | Number | User Id value |

* Request Parameter is optional for this Specific method. If Request Parameter is missing then Read Method will return List of All users.

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| Response Param | Example Values | Data Format | Comments |
| response code | 200,404,401 | Number | Check Response code definitions section |
| id | 9 | Number | User Id value |
| first\_name | Jack | String | User Name |
| age | 27 | Number | User’s age |
| points | 20 | Number | User Points |
| address | 1300 Mcwatters Rd | String | User’s Address |
| created\_at | 2020-12-21 05:39:19 | Date Time | User Created Date time |
| modified\_at | 2020-12-21 23:39:19 | Date Time | Last Modified Date for User |

# POST Create Method

* To Create New User on Leaderboard, Create method will use. First Name and age are required fields for this method.
* [http://localhost/REST\_API\_DEMO/v1/users/create.php?api\_key= dXNlcnNfcmVzdF9hcGlfZGVtbw==](http://localhost/REST_API_DEMO/v1/users/create.php?api_key=%20dXNlcnNfcmVzdF9hcGlfZGVtbw==)

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| --- | --- | --- | --- |
| Request Param | Example Values | Data Format | Comments |
| id | 10 | Number | User Id value |
| first\_name | Jackson | String | User Name |
| age | 29 | Number | User’s age |
| points | 0 | Number | User Points |
| address | 1310 Mcwatters Rd | String | User’s Address |
| created\_at | 2020-12-21 05:39:19 | Date Time | User Created Date time |

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| Response Param | Example Values | Data Format | Comments |
| response code | 201,400,401,500 | Number | Check Response code definitions section |

# POST Update Method

* Update method will mainly useful to Update User Points from Leaderboard.
* [https://localhost/REST\_API\_DEMO/v1/users/update.php?api\_key= dXNlcnNfcmVzdF9hcGlfZGVtbw==](https://localhost/REST_API_DEMO/v1/users/update.php?api_key=%20dXNlcnNfcmVzdF9hcGlfZGVtbw==)

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| --- | --- | --- | --- |
| Request Param | Example Values | Data Format | Comments |
| id | 10 | Number | User Id value |
| points | 0 | Number | User Points |

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| --- | --- | --- | --- |
| Response Param | Example Values | Data Format | Comments |
| response code | 200,400,401,404,500 | Number | Check Response code definitions section |

# POST Delete Method

* Delete method will use to Delete User from Leaderboard. User id parameter is required here, without user id it will return error message.
* [https://localhost/REST\_API\_DEMO/v1/users/delete.php?api\_key= dXNlcnNfcmVzdF9hcGlfZGVtbw==](https://localhost/REST_API_DEMO/v1/users/delete.php?api_key=%20dXNlcnNfcmVzdF9hcGlfZGVtbw==)

|  |  |  |  |
| --- | --- | --- | --- |
| Request Param | Example Values | Data Format | Comments |
| id | 10 | Number | User Id value |

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| --- | --- | --- | --- |
| Response Param | Example Values | Data Format | Comments |
| response code | 200,400,401,404,500 | Number | Check Response code definitions section |

# Non-Transactional Request Response Code Definitions

* 200 – Successfully Fetch Data, Update Data, Delete Data
* 201 – Successfully Created User
* 400 – Unable to Perform Action. Data is Missing.
* 401 – Invalid Authorization Key
* 404 – Missing Resources.
* 500 – Internal Server Error (Typically MySQL transaction Error)