**Transactions**

Transactions is one of the main entities in application – its API controller represents CRUD functionality for goods moving activity.

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| **/api/Transactions** | |
| DESCRIPTION | Gets the list of all transactions, according availability for logged user role |
| URL STRUCTURE | http://localhost/EFlocal/api/Transactions |
| METHOD | GET |
| PARAMETERS | name: UserId, type: long. Requires Id of logged User |
| RETURNS | type: JSON-encoded List<Transactions>. Returns list of all requested entities, available to this User. Sample response: { **"list": "ABCDEFG", …**} |
| ERRORS | 401 – User is not authorized  403 – CSRF check is not passed  415 – JSON request is not valid  503 – DB is unreachable |

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| **/api/Transactions/id** | |
| DESCRIPTION | Gets one exact entity of Transaction, according availability for logged user role |
| URL STRUCTURE | http://localhost/EFlocal/api/Transactions/id |
| METHOD | GET |
| PARAMETERS | name: UserId, type: string. Represents Id of logged User  name: Id, type: string. Represents Id of targeted entity |
| RETURNS | type: JSON. One entity if it`s available to this User. Sample response: { **"transaction": "ABCDEFG", …**} |
| ERRORS | 401 – User is not authorized  403 – CSRF check is not passed  415 – JSON request is not valid  503 – DB is unreachable |

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| **/api/Transactions** | |
| DESCRIPTION | Sends new entity of Transactions to DB, according availability for logged user role |
| URL STRUCTURE | http://localhost/EFlocal/api/Transactions |
| METHOD | POST |
| PARAMETERS | name: UserId, type: string. Represents Id of logged User  name: Transactions, type: JSON. One requested entity |
| RETURNS | At success – HTTP code 200  At fail – HTTP code 400 |
| ERRORS | 400 – Failed to insert in DB  401 – User is not authorized  403 – CSRF check is not passed  415 – JSON request is not valid  503 – DB is unreachable |

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| **/api/Transactions/id** | |
| DESCRIPTION | Deletes one exact entity of Transactions in DB, according availability for logged user role |
| URL STRUCTURE | <http://localhost/EFlocal/api/Transactions/id> |
| METHOD | DELETE |
| PARAMETERS | name: UserId, type: string. Represents Id of logged User  name: Id, type: string. Represents Id of targeted entity |
| RETURNS | At success – HTTP code 200  At fail – HTTP code 400 |
| ERRORS | 400 – Failed to delete in DB  401 – User is not authorized  403 – CSRF check is not passed  415 – JSON request is not valid  503 – DB is unreachable |

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| **/api/Transactions/id** | |
| DESCRIPTION | Updates one exact entity of Transactions in DB, according availability for logged user role |
| URL STRUCTURE | <http://localhost/EFlocal/api/Transactions/id> |
| METHOD | PUT |
| PARAMETERS | name: UserId, type: string. Represents Id of logged User  name: Id, type: string. Represents Id of targeted entity |
| RETURNS | At success – HTTP code 200  At fail – HTTP code 400 |
| ERRORS | 400 – Failed to update in DB  401 – User is not authorized  403 – CSRF check is not passed  415 – JSON request is not valid  503 – DB is unreachable |