Endpoints

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| **Endpoint** | **Method** | **URI** | **Description** |
| App | GET | api/user/login | Retrieve auth code that gets used as header in every call the user makes. Data is in Payload section. |
| Admin | GET | api/user/admin | Retrieve auth code that gets used as header in every call the admin makes. Data is in Payload section. |
| Public | GET | api/transactions | Retrieves all registered transactions. |
| Public | GET | api/transactions/?nr={nr} | Retrieves all transactions with the given #NR. More queries can be added to the URI, for a list of available filters read the ‘Queries’ section. |
| App | POST | api/transactions | Creates a new transaction from the data in the payload. To see what data can be included in the payload, read the ‘Payload’ section. |
| Public | GET | api/inventory | Retrieves all containers registered in inventory. |
| Public | GET | api/inventory/?nr={nr}/ | Retrieves all containers with the given #NR. More queries can be added to the URI, for a list of available filters read the ‘Queries’ section. |
| Public | PUT | api/inventory/{nr} | Replace the data for that NR with new serialNr, model, affiliate, client, address, last\_filled, invoice and status.  If number doesn’t exist throw exception. |
| Public? | POST | api/inventory/ | Create new container in inventory. To see what data can be included in the payload, read the ‘Payload’ section. |
| Public | GET | api/client | Retrieves all registered clients. |
| Public | GET | api/client/?client\_id={ client\_id } | Retrieves all clients with the given #client\_ID. More queries can be added to the URI, for a list of available filters read the ‘Queries’ section. |
| Admin | POST | api/client | Create new client. To see what data can be included in the payload, read the ‘Payload’ section. |
| Admin | PUT | api/client/{client\_id}/ | Replace existing data for that client with client\_id, client\_name and client\_isActive |
| Public | GET | api/user | Retrieve all registered users. |
| Public | GET | api/user/?employee\_id={employee\_id} | Retrieves all users with the given #employee\_ID. More queries can be added to the URI, for a list of available filters read the ‘Queries’ section. |
| Admin | POST | api/user | Creates new employee. Data in the Payload section |
| Admin | PUT | api/user/{employee\_id} | Replace existing data for that user with: employee\_name, login\_code, location\_name, employee\_isActive, admin\_email ??? , admin\_hashedPassword ??? |
| Public | GET | api/status | Retrieve registered statuses |
| Admin | PUT | api/status/{status\_Name} | Replace existing: status\_Name, status\_isActive fields |
| Admin | POST | api/status | Create new status. To see what data can be included in the payload, read the ‘Payload’ section. |
| Public | GET | api/models | Retrieve registered models |
| Admin | PUT | api/models/{model\_Name} | Replace existing: model\_Name, Refill\_Interval, model\_LiterCapacity, Model\_IsActive fields |
| Admin | POST | api/model | Create new model. To see what data can be included in the payload, read the ‘Payload’ section. |
| Public | GET | api/affiliate | Retrieve registered affiliates |
| Admin | PUT | api/affiliate/{location\_ID} | Replace existing: affiliate\_Name, affiliate\_IsActive fields |
| Admin | POST | api/affiliate | Create new affiliate. To see what data can be included in the payload, read the ‘Payload’ section. |
| Public | GET | api/act | Retrieve registered acts |
| Admin | PUT | api/act/{act\_Name} | Replace existing: act\_Name, act\_Description, act\_IsActive fields |
| Admin | POST | api/act | Create new act. To see what data can be included in the payload, read the ‘Payload’ section. |

Queries

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| **Endpoint** | **Method** | **URI** | **Available queries** | **Result** |
| Public | GET | api/transactions/ | startDate, endDate (DD/MM/YY HH:MM), model, nr, serialNR, ACT, client, affiliation, operator, status | Results need to match the filter(s) exactly. |
| Public | GET | api/inventory/ | nr, serialNr, model, affiliate, client, address, last\_filled, invoice, status | Results need to match the filter(s) exactly. |
| Public | GET | api/client | client\_id, client\_name, client\_isActive | Results need to match the filter(s) exactly. Name needs to yield results as close as possible. |
| Public | GET | api/user | employee\_id, employee\_name, login\_code, location\_name, employee\_isActive | Results need to match the filter(s) exactly. Name needs to yield results as close as possible. |

Payload

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| **Endpoint** | **Method** | **URI** | **Data that can be included in the payload** |
| App | GET | api/user/login | login\_code |
| Admin | GET | api/user/admin | email, hashed\_password |
| Public | POST | api/transactions | timestamp (DD/MM/YY HH:MM), model, nr, serialNR, ACT, client, affiliation, operator, status |
| Public? | POST | api/inventory/ | nr, serialNr, model, affiliate, client, address, last\_filled, invoice, status |
| Admin | POST | api/client | client\_name, client\_isActive |
| Admin | POST | api/user | employee\_name, login\_code, location\_name, employee\_isActive, admin\_email ??? , admin\_hashedPassword ??? |
| Admin | POST | api/status | status\_Name, status\_isActive (Default: TRUE) |
| Admin | POST | api/model | model\_Name, Refill\_Interval, model\_LiterCapacity model\_isActive (Default: TRUE) |
| Admin | POST | api/affiliate | location\_Name, location\_isActive (Default: TRUE) |
| Admin | POST | api/act | act\_Name, act\_Description , act\_isActive (Default: TRUE) |