**26-April-2021**

VaaaN/Engineering/SD/UM/013/00

**Project: Toll 360**

**Client: superwaveinfra**

**Lane Integration API**

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# Lane User details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP GET** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetLaneUsersDetails** |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<User> | On success list will shared, on failed it will null |

List<User> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| LoginId | String |  |
| LoginPassword | String |  |
| FirstName | String |  |
| LastName | String |  |
| EmailId | String |  |
| MobileNumber | String |  |
| AccountExpiredDate | Date |  |
| ClientName | String |  |
| EntryId | Int64(long) | Primary Key |
| ClientId | Int16(short) |  |
| PlazaId | Int16(short) |  |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response

# Lane details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP GET** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetLaneDetails** |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<Lane> | On success list will shared, on failed it will null |

List<Lane> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| LaneNumber | Int16(short) |  |
| LaneTypeId | Int16(short) | 1-Entry, 2-Exit |
| LaneForId | Int16(short) | 1-Hybrid, 2-Dedicated/FASTag |
| LaneDirection | Int16(short) | 1-Up, 2-Down |
| LaneName | String |  |
| LaneIP | String |  |
| ClientName | String |  |
| EntryId | Int64(long) | Primary Key |
| ClientId | Int16(short) |  |
| PlazaId | Int16(short) |  |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response

# Lane Hardware details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP POST** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetLaneHardwareDetails** |  |

Input JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ClientId | Int16(short) |  |
| PlazaId | Int16(short) |  |
| LaneNumber | Int16(short) |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<Hardware> | On success list will shared, on failed it will null |

List<Hardware> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| HardwareName | String |  |
| HardwareTypeId | Int16(short) | Check Hardware Type Table |
| ConnectionTypeId | Int16(short) | 1- Network, 2- COM, 3- Other/None |
| ConnectionAddress | String | IP/Com/Blank |
| Port | Int16(short) | 0 or Value |
| ClientName | String |  |
| EntryId | Int64(long) | Primary Key |
| ClientId | Int16(short) |  |
| PlazaId | Int16(short) |  |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response

# Vehicle Class details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP GET** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetVehicleClassDetails** |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<VehicleClass> | On success list will shared, on failed it will null |

List<VehicleClass> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ClassId | Int16(short) | Primary Key |
| ClassName | String |  |
| ClassDescription | String |  |
| VehicleWeight | Decimal | UP TO 3 Place |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response

# Toll FARE details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP POST** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetTollFareDetails** |  |

Input JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| EffectiveDate | String | Format: dd-MMM-yyyy (12-May-2021) |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | Fare | On success list will shared, on failed it will null |

Fare Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| EffectiveDate | Date |  |
| List<FareDetails> | List |  |

List<FareDetails> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ClassId | Int16(short) | Primary Key |
| ClassName | String |  |
| TollFare | Decimal | UP TO 2 Place |
| ReturnFare | Decimal | UP TO 2 Place |
| PenaltyFare | Decimal | UP TO 2 Place |
| OverWeightFare | Decimal | UP TO 2 Place |
| EntryPlazaId | Int16(short) | Source Plaza Id |
| ExitPlazaId | Int16(short) | Destination Plaza Id |

Note: Please ignore rest field that coming in response

# Transaction Type details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP GET** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetTransactionTypeDetails** |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<TransactionType> | On success list will shared, on failed it will null |

List<TransactionType> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| EntryId | Int16(short) | Primary Key |
| TransactionTypeName | String |  |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response

# Exempt Type details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP GET** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetExemptTypeDetails** |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<ExemptType> | On success list will shared, on failed it will null |

List<ExemptType> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| EntryId | Int16(short) | Primary Key |
| ExemptTypeName | String |  |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response

# Shift Timming details API:

Http URL :

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | **Remark** | |
| Method | **HTTP GET** |  |
| Port | **8086** |  |
| Format | **JSON** |  |
| Base Path | **http://<ip\_address>:port/** |  |
| API Path | **Softomation/Toll360-CloseToll/Lane/GetShiftDetails** |  |

Output JSON Format:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| ResponceMessage | String | success/failed |
| ResponceData | List<Shift> | On success list will shared, on failed it will null |

List<Shift> Format

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  | | --- | | **Field** | | |  | | --- | | **Value** | | |  | | --- | | Remark | |
| EntryId | Int16(short) | Primary Key |
| StartTimmng | String | 08:00:00 |
| EndTimming | String | 15:59:59 |
| DataStatus | Int16(short) | 1-Active, 2- Inactive |

Note: Please ignore rest field that coming in response