

Driver Permit Web Service

Specification Document

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**Document Control**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revised By** | **Revision**  **Date** | **Version**  **Number** | **Summary of Changes** | **Sections Affected** |
| Ahmad M.Adawi | 13/09/2018 | 0.1 | First draft |  |

**Approvals**

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Signature** | **Date** |
| Wassem zawaideh | Technical Lead |  |  |

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| $/TRF/design/core/technical/ws/server | MS Word | Ahmad M.Adawi | 13/09/2018 |

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# **Introduction**

This document describes Special Permit web Service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# **Functional specifications**

|  |  |
| --- | --- |
| **Service name** | DriverPermitService |
| **Service description** | Handles all operations which related to issue a new special permit. |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/DriverPermitService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/DriverPermitService?wsdl |

# **Service Operations**

## WSDL File



## Assign Driver to Company Operation

This operation will Assign the driver traffic file with the company’s contract in case the all business rules which related to driver and company are valid.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| assignDriverToCompany | Complex Type | N/A | No | Assign Driver To company Request Type |

### Link Driver to Corporate Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| driverTrafficFileNo | Long | 8 | No | Driver traffic File Number |
| companyTrafficFileNo | Long | 8 | No | Company traffic File Number |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| assignDriverToCompanyReturn | Complex Type | N/A | No | The element contains the Response information. |
| errors | Complex Type | N/A | Yes | The element will describe the all business rules (business Violations).  The element type is error Type |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | 10 | No | Response Code,  0 : Success.  1 : Failed (in case there is a violation).  999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |

### Errors Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type (repeatable) | N/A | No | List of the error. |

### Error Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | 32 | No | Business Rule Code. |
| errorDescriptionAr | String | 1024 | No | Business Rule Arabic Description. |
| errorDescriptionEn | String | 1024 | No | Business Rule English Description. |

### Sample Request



### Sample Response



## Submit Permit Training Info Operation

This operation will submit driver Permit training info.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| submitPermitTrainingInfo | Complex Type | N/A | No | submitPermitTrainingInfoRequest Type |

### Link Driver to Corporate Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| trafficFileNo | Long | 8 | No | traffic File Number |
| trainingTypeId | Long | NA | No | TrainingTypeId |
| startDate | String | NA | No | Start date format ("yyyy-MM-dd'T'HH:mm:ss.SSS'Z'") |
| endDate | String | NA | No | end date format ("yyyy-MM-dd'T'HH:mm:ss.SSS'Z'") |
| receiptNo | Long | NA | No | Receipt number |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| submitPermitTrainingInfoReturn | Complex Type | N/A | No | The element contains the Response information. |
| errors | Complex Type | N/A | Yes | The element will describe the all business rules (business Violations).  The element type is error Type |

**Response Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | 10 | No | Response Code,  0 : Success.  1 : Failed (in case there is a violation).  999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |

**Errors Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type (repeatable) | N/A | No | List of the error. |

**Error Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | 32 | No | Business Rule Code. |
| errorDescriptionAr | String | 1024 | No | Business Rule Arabic Description. |
| errorDescriptionEn | String | 1024 | No | Business Rule English Description. |

### Sample request:



### Sample response:



## Update Training Exam Result Operation

This operation will update training exam result.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| UpdateTrainingExamResultRequestType | Complex Type | N/A | No | Update Training ExamResult Request Type |

**Update Training Exam Result Request Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| permitNo | Long | N/A | No | Permit Number |
| permitType | Long | NA | No | Permit Type |
| permitCategory | Long | NA | No | Permit Category |
| examTypeId | Long | N/A | No | Exam Type Id |
| resultCode | Int | N/A | No | Result Code |
| resultDate | Date | NA | No | Result date format  ("yyyy-MM-dd'") |
| employeeNo | String | N/A | No | Employee Number |
| remarks | String | NA | No | Remarks |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| updateTrainingExamResultReturn | Complex Type | N/A | No | The element contains the Response information. |
| errors | Complex Type | N/A | Yes | The element will describe the all business rules (business Violations).  The element type is error Type |

**Response Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | 10 | No | Response Code,  0 : Success.  1 : Failed (in case there is a violation).  999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |

**Errors Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type (repeatable) | N/A | No | List of the error. |

**Error Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | 32 | No | Business Rule Code. |
| errorDescriptionAr | String | 1024 | No | Business Rule Arabic Description. |
| errorDescriptionEn | String | 1024 | No | Business Rule English Description. |

### Sample request:



### Sample response:

