

Dubai Police Traffic Courses Web Service Specification Document

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**Document Control**

**Revision History**

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| Muath Albasheer | 08/07/2018 | 1.0 | First draft |  |
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**Approvals**

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Signature** | **Date** |
| Waseem Zawaideh | Technical Team Leader |  | 08/07/2018 |

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# **Introduction**

Dubai Police Traffic Courses Service is one of the most important businesses.

Dubai Police Traffic Courses Service one of the core services which need a simplified process for subscribe, un-subscribe course from Dubai Police Portal in E-Traffic system.

The user can subscribe and unsubscribe in any course using the traffic file number and driving license number.

This service has a 3 types of courses:

1. COURSE\_TYPE\_REMOVE\_BLACK\_POINTS.
2. COURSE\_TYPE\_LICENSE\_SUSPENSTION\_EXEMPTION.
3. COURSE\_TYPE\_VEHICLE\_BOOKING\_EXEMPTION.

This document describes Dubai police traffic courses web service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# **Functional specifications**

Traffic Courses Web Service will be deployed on E-Traffic system.

|  |  |
| --- | --- |
| **Service name** | DubaiPoliceTrafficCoursesService |
| **Service Description** | Dubai Police Traffic Courses Service for Subscribe and Un subscribe course. |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/DubaiPoliceTrafficCoursesService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/DubaiPoliceTrafficCoursesService?wsdl |

# **Service Operations**

This section describes Dubai Police Traffic Courses Web Service operations, input operation parameters, operation response and applications errors.

## WSDL File



## Dubai Police Traffic Courses Service Operations:

* subscribeOperation
* unSubscribeOperation

## Notes and issues:

* Access to this web service is limited to the authorized clients, the web service clients has to authenticate themselves to the service provider, which lead to preventing unauthorized clients from calling the service.

## Dubai Police Traffic Courses Service

## Subscribe Operation

This method is used to subscribe (Register) in a specified traffic course.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| courseId | Long | 8 | No | Course Id |
| ticketNumber | Long | N/A | Yes | Ticket Number |
| licenseNumber | Long | 8 | No | License Number |
| licenseSource | Complex Type | N/A | Yes | License Source |
| licenseType | Integer | 1 | Yes | License Type |
| driverNameAr | String | N/A | Yes | Driver Name In Arabic |
| driverNameEn | String | N/A | Yes | Driver Name In English |
| gender | Integer | 1 | Yes | Gender |
| registerdByUserName | String | N/A | Yes | Registerd By User Name |
| registerdByArabicName | String | N/A | Yes | Registerd By Arabic Name |
| registerdByEnglishName | String | N/A | Yes | Registerd By English Name |

### License Source Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| emirate | String | N/A | Yes | Emirates  { DXB, AUH, SHJ, AJM, UMQ, RAK} |
| country | Integer | N/A | Yes | Country |
| city | Integer | N/A | Yes | City |

### Sample SOAP Request

1. Course Type 1 and 2



2. Course Type 3



### Sample SOAP Response

1. Type 1 and 2



2. Type 3



## Unsubscribe Operation

This method is used to Unsubscribed (Cancel Registration) from a specific traffic course.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| courseId | Long | 8 | No | Course Id |
| ticketNumber | Long | N/A | Yes | Ticket Number |
| licenseNumber | Long | 8 | No | License Number |
| licenseSource | Complex Type | N/A | Yes | License Source |
| licenseType | Integer | 1 | Yes | License Type |
| driverNameAr | String | N/A | Yes | Driver Name In Arabic |
| driverNameEn | String | N/A | Yes | Driver Name In English |
| gender | Integer | 1 | Yes | Gender |

### License Source Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| emirate | String | N/A | Yes | Emirates  { DXB, AUH, SHJ, AJM, UMQ, RAK} |
| country | Integer | N/A | Yes | Country |
| city | Integer | N/A | Yes | City |

### Sample SOAP Request

1. Course Type 1 and 2



2. Course Type 3



### Sample SOAP Response

1. Type 1 and 2



2. Type 3



## Fault Response:

## Error Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | Integer | N/A | No | Response Code |
| responseDescriptionAr | String | N/A | No | Response Description In Arabic |
| responseDescriptionEn | String | N/A | Yes | Response Description In English |