



الهيئة السعودية للتخصصات الصحية  
Saudi Commission for Health Specialties

**Health Practitioner Inquiry Service**

**HPIS 4.0.0**

## Health Practitioner Inquiry Service (HPIS)

Provide health sectors and who has such authorities with correct practitioner's profiles information.

### Service Description:

Health Practitioner inquiry service (**HPIS**), one of the main services that Saudi commission for health specialties are delivered to their official consumers.

This service describes the status for all registered practitioners in the Kingdom where includes personal profile, professionalism information, classifications and registration status and practitioner license status.

Each consumer for HPIS can retrieve all required information by passing one of the following identifiers:

- 1) Registration number for all practitioners.
- 2) Saudi national number for all citizen practitioners.
- 3) Iqama number for all residents practitioners.

### Service Details:

#### HTTP Interface Specifications

The HTTP Interface offers a number of messaging queries which can be performed by forming the designated URL. HTTP Interface also support connection via Secure Socket Layer (SSL).

#### Communicating with HPIS.

The core messaging style for the HPIS is Representational state transfer (RESTful), which is an JSON data format- and HTTP-based protocol with wide support in the industry.

HPIS URL:

Service client endpoint	
Production	<a href="https://prdgt.scfhs.org.sa/practitioner/profile/rst/4.0.0/">https://prdgt.scfhs.org.sa/practitioner/profile/rst/4.0.0/</a>

#### WS-Security is required

The HPIS Web Service is based on OAuth 2.0 using bearer tokens.

**Supported Methods:**

Practitioner profile service can support only POST action with and will return all supported practitioners' information like personal information, professionalism...etc.

**Service Request (Input Parameters):**

This operation holds tow parameters in the request body

PARAMETER	TYPE	SHORT DESCRIPTION	RESTRICTED VALUES
ServiceKey	String	HPIS Key	Provided with authentication details
IDName	String	Practitioner Identity Name	RegistrationNumber Saudild Iqamald
IDValue	String	Practitioner Identity Value	Based on the Identity name the Identity value will validated, ex. If Identity name = Saudild then the Identity value will be 10 digits only.

**Service Response (Output Parameters):**

Service returns practitioner information in the response body

PARAMETER	TYPE	SHORT DESCRIPTION	RESTRICTED VALUES / REFERENCES
Personal Profile			
RegistrationNumber	String	Practitioner SCFHS Identity	
Person Arabic Name			
FirstName	String	Practitioner Arabic name	
SecondName			
ThirdName			
LastName			
Person English Name			
FirstName	String	Practitioner English name	
SecondName			
ThirdName			
LastName			
Gender			
GenderCode	Char	Practitioner Gender Code	Check Ref. No. 1001
GenderNameAr	String	Practitioner Gender Arabic Description	
GenderNameEn	String	Practitioner Gender English Description	
Professionality			
Rank			

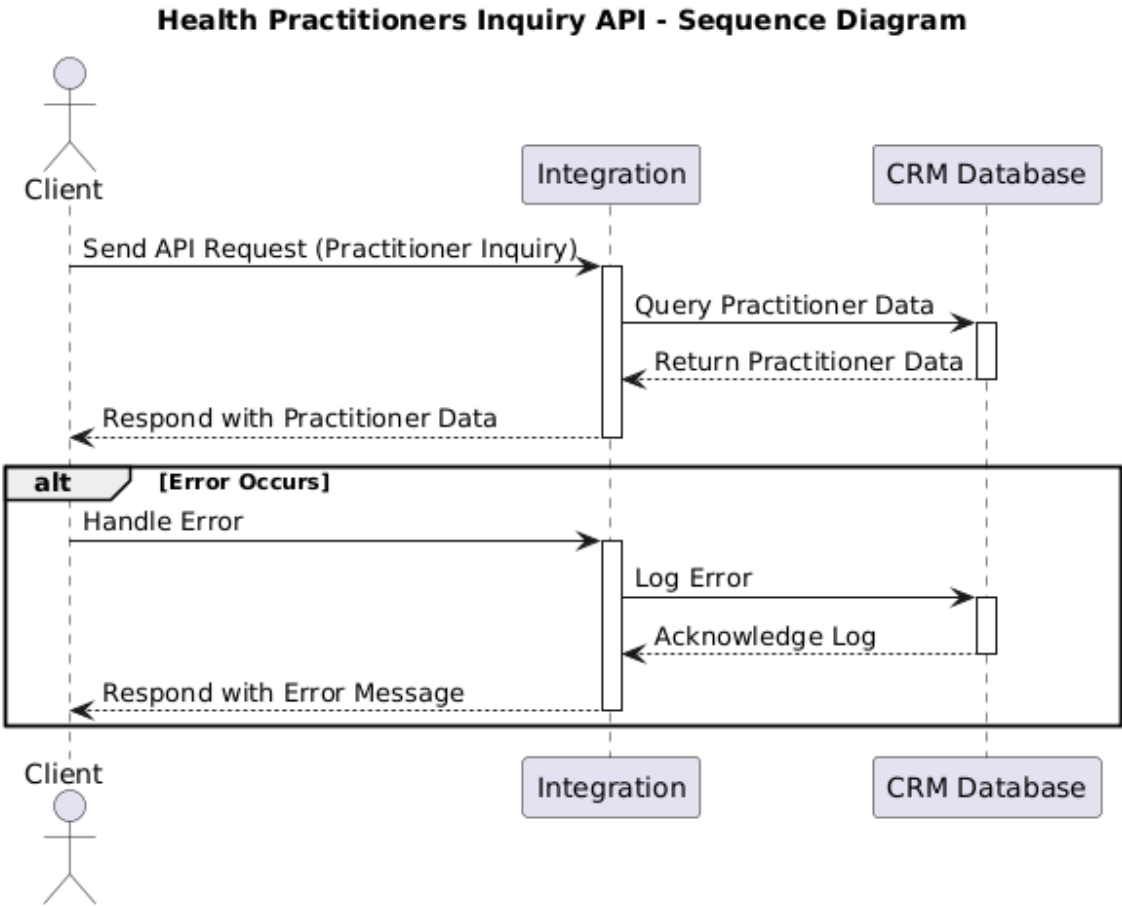
Rank Code	String	Practitioner Rank Code	
RankNameAr	String	Practitioner Rank Arabic Name	
RankNameEn	String	Practitioner Rank English Name	
Specialty Information			
SpecialtyCode	String	Practitioner Specialty Code	
SpecialtyNameAr	String	Practitioner Specialty Arabic Name	
SpecialtyNameEn	String	Practitioner Specialty English Name	
Sub Specialty <List or Collection>			
SubSpecialtyCode	String	Practitioner Sub Specialty Code	
SubSpecialtyNameAr	String	Practitioner Sub Specialty Arabic Name	
SubSpecialtyNameEn	String	Practitioner Sub Specialty English Name	
Medical Field			
FieldCode	String	Practitioner Medical Field Code	
FieldNameAr	String	Practitioner Medical Field Arabic Name	
FieldNameEn	String	Practitioner Medical Field English Name	
Profile Status			
StatusCode	String	Practitioner Status	Check Ref. No. 1003
StatusDescAr	String		
StatusDescEn	String		
License Validity			
IssuedDate	String	Practitioner License Issue Date	Check Ref. No. 1002
ExpiryDate	String	Practitioner License Expiry Date	
StatusCode	String	License Validity Status Code	
StatusDescAr	String	License Validity Arabic Description	
StatusDescEn	String	License Validity English Description	
Transaction Status			
StatusCode	Int	Transaction Status Code	Check Ref. No. 1004
StatusDesc	String	Transaction English Description	
ExecutedOn	String	Transaction Execution DateTime	

Data References (Service Lockups):

Below are the data list and status codes that supported in the HPIS interface.

CODE	ARABIC	ENGLISH	CATEGORY	REF. NO.
M	ذكر	Male	Practitioner Gender Type	#1001
F	أنثى	Female		
08	صالحة	Valid	License Validity Type	#1002
09	منتهية	Expired		
01	مسجل ومصنف	Registered & classified	Practitioner Status Type	#1003
02	تحت الموافقة المبدئية	Under Initial Approval		
03	مصنف وغير مسجل	Classified & Not Registered		
200	---	Success	Transaction Status Type	#1004
201	---	No Data Found		
500	---	Server Error		
401	---	Unauthorized Request		

Sequence Diagram:



## Service Key and Service Credential

To call the service, you need to generate OAuth2 (bearer) token and pass it in Authorization header while calling the service.

Here is the details of token API:

**URL:** <https://prdgt.scfhs.org.sa/token>

**Client key:** Will be provided by email.

**Client Secret:** Will be provided by email.

## HPIS Request/Response Example

### Sample request:

```
{
  "HPISRequest": {
    "ServiceKey": "HPISV206",
    "PractitionerIdentity": {
      "IDName": "RegistrationNumber",
      "IDValue": "10LN0348480"
    }
  }
}
```

## Sample response:

```
{
  "HPISResponse": {
    "PractitionerInformation": {
      "PersonalProfile": {
        "RegistrationNumber": "10LN0348480",
        "PersonNameAr": {
          "FirstName": "رجاء",
          "SecondName": "حسن",
          "ThirdName": "بن عيسى",
          "LastName": "البشر"
        },
        "PersonNameEn": {
          "FirstName": "RAJA",
          "SecondName": "HASSAN",
          "ThirdName": "E",
          "LastName": "ALBESHER"
        },
        "Gender": {
          "GenderCode": "F",
          "GenderNameAr": "أنثى",
          "GenderNameEn": "Female"
        }
      },
      "ProfessionalProfile": {
        "Rank": {
          "RankCode": "D883521B-60F9-E811-B80F-005056AD2FD8",
          "RankNameAr": "فني",
          "RankNameEn": "Technician"
        },
        "MedicalField": {
          "FieldCode": 100000004,
          "FieldNameAr": "تمريض و قبالة",
          "FieldNameEn": "Nursing and Midwifery"
        },
        "Specialty": {
          "SpecialtyCode": "0C9E7C6B-62F9-E811-B80F-005056AD2FD8",
          "SpecialtyNameAr": "تمريض",
          "SpecialtyNameEn": "Nursing",
          "SubSpecialitiesList": []
        }
      },
      "ProfileStatus": {
        "StatusCode": "01",
        "StatusDescAr": "مُصنّف و مسجل",
        "StatusDescEn": "Classified & Registered",
        "LicenseValidity": {
          "IssuedDate": "2021-04-17T03:00:00.000+03:00",
          "ExpiryDate": "2023-04-18T00:00:00.000+03:00",
          "StatusCode": "09",
          "StatusDescAr": "منتهية",
          "StatusDescEn": "Expired"
        },
        "LicenseRestrictionsList": []
      }
    },
    "TransactionStatus": {
      "StatusCode": 200,
      "StatusDesc": "Success",
      "ExecutedOn": "2024-02-21T11:23:40.407+03:00"
    }
  }
}
```



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المملكة العربية السعودية

مزامنة ساعات التعليم الطبي المستمر

**Mumaris Plus - CPD Credit Sync.**

**CPDCS 2.0.0**



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## CPD Credit (Hours) Sync. Service.

To provide a synchronization feature on mumaris plus to received CPD credit (Hours) from external sources.

### Service Description:

CPD credit sync service is one of the services that Saudi commission for health and specialties are delivered to their official consumers.

This service describes the attributes that required to be sync. with practitioners' profile in Mumaris plus system.

The consumer for this service will push the required data (can be one or multi entity) and the service will retrieve a unique transaction id if success for each.

### Service Details:

#### HTTP Interface Specifications

The HTTP Interface offers several messaging queries which can be performed by forming the designated URL.

The Interface also support connection via Secure Socket Layer (SSL).

#### Communicating with CPDCS.

The core messaging style for the service can be SOAP/XML or RESTful.

To use the service, write a client program in the programming language that you are familiar with to send a request to one of the operations, such **doCreditSync**. The relevant operation will process the request and send back a response, which your client program needs to parse and save.

Service URL's:

Service client endpoints	
Development	<del>Will shared in a private email.</del>
Production	<del>Will shared in a private email.</del>

#### WS-Security is required

The service using OAuth 2.0 bearer tokens.

**Supported Methods:**

The service supports only POST action and will return the expected response as well.

**Service Request (Input Parameters):**

This operation holds the below parameters in the request body - **CPDCreditSyncRequest**

PARAMETER	TYPE	SHORT DESCRIPTION	RESTRICTED VALUES
<b>Service Key</b>	String	CPDCS Key	Will provide with authentication details
<b>Credit Entities &lt;List or Collection&gt;</b>			
*Entity Id	String	Entity Id as CPD platform define it.	
*Provider Id	String	Activity Provider Identity	
*Provider Name	String	Activity Provider Name	
*Activity Name AR	String	Activity Arabic Name	
*Activity Id	String	Activity Identifier	
*Activity Name EN	String	Activity English Name	
*Start Date	Date	activity start date / or practitioner activity start date if activity type is Asynchronous activity	Date Format YYYY-MM-DD
*Credit (Hours)	Number	Activity Credit (Hours)	
*Activity Type	String	Activity Type	
*Registration Number	String	Practitioner Profile Number	
Practitioner Id	String	Practitioner Identity (Saudi Id, Iqama Id or Other), <b>optional</b>	
Practitioner Name	String	Practitioner Name, <b>optional</b>	
Practitioner DOB	Date	Practitioner Date of Birth, <b>optional</b>	Date Format YYYY-MM-DD
*Owner Id	String	Credit Approval ID	
<i>Note: Max entities in each transaction will be fifty and may change later. Required attributes mark with (*)</i>			

**Service Response (Output Parameters):**

Service returns a reference id for each entity posted in the request body as response **CPDCreditSyncResponse**.

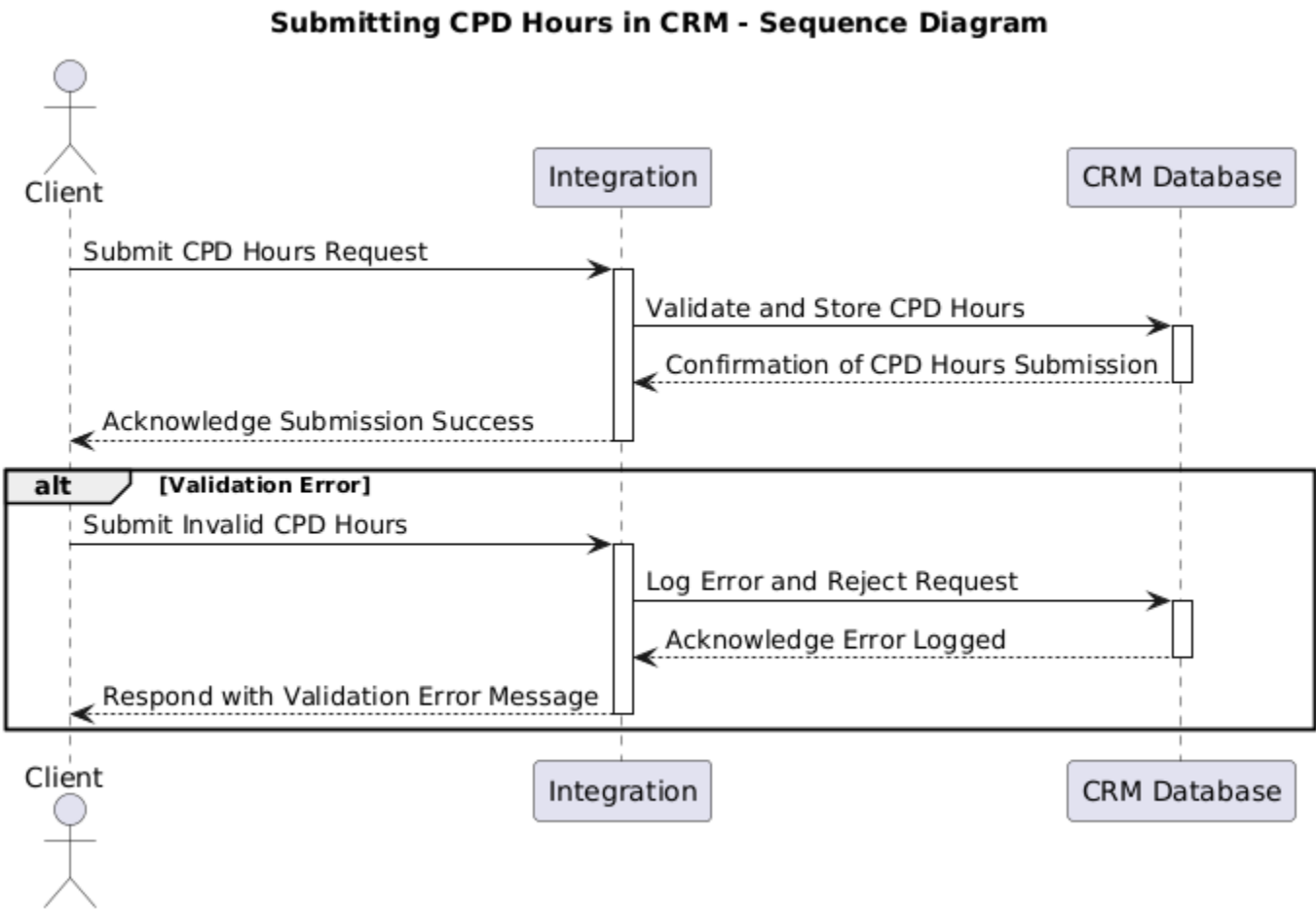
PARAMETER	TYPE	SHORT DESCRIPTION	RESTRICTED VALUES / REFERENCES
<b>Credit Entities &lt;List or Collection&gt;</b>			
Batch Id	String	As posted in the request	
Trans Id	String	Generated if the request processing successfully	
Entity Id	String	As posted in the request	
Status Code	String	Processing status code	<b>Check Ref. No. 1003</b>
Status Desc	String	Processing status description, Optional	
<b>Transaction Status</b>			
Status Code	String	Transaction Status Code	<b>Check Ref. No. 1004</b>
Status Desc	String	Transaction English Description	
Executed On	String	Transaction Execution Time	Date Format YYYY-MM-DDThh:mm:ssTZD

Data References (Service Lockups):

Below are the data list and status codes that supported in the interface.

CODE	ARABIC	ENGLISH	CATEGORY	REF. NO.
100	---	Success	Processing Status Type	#1003
101	---	Duplicate Entry		
102		Unexpected Exception		
103		Failure		
110	---	Batch Limit Exceeded		
111		Unsupported Service Key		
200	---	Success	Transaction Status Type	#1004
201	---	Warnings		
500	---	Server Error		
401	---	Unauthorized Request		

Sequence Diagram:



Service Key and Service Credential

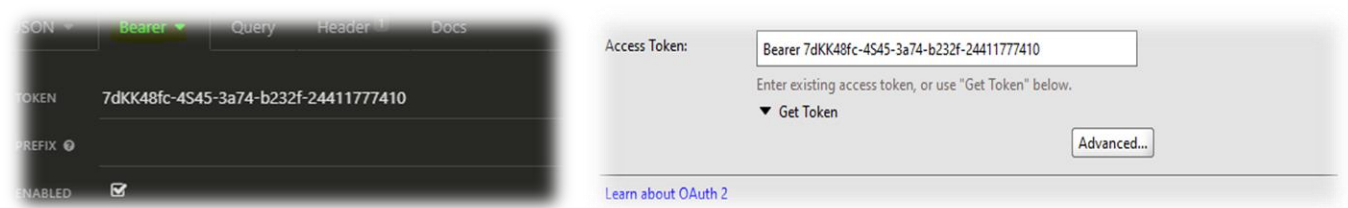
The service key and service credentials will share with consumers by private emails.



Request Example

The following sample is token value set in request header where will posted later to practitioner profile inquiry service.

Bearer 7dKK48fc-4S45-3a74-b232f-24411777410

Sample in the request header:



Sample Data Structure		
Version	Sample Request	Sample Response
2.0.0	 Request.txt	 Response.txt

Notes

- Errors not mentioned in this document should send to support team with all message details.
- Any updates or changes on the service will be announced before applying with new documentation.
- For support please contact: [api@scfhs.org.sa](mailto:api@scfhs.org.sa)
- Production Support Email Subject [PRD\_ServiceKey\_User ID\_ Issus Name].
- Production Support Email Subject [DEV\_ServiceKey\_User ID\_ Issus Name].



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## COC Activity List

## Introduction

This documentation provides an overview of the SCFHS (Saudi Commission for Health Specialties) COC Activity List API, including its URL, authentication method, and request/response format.

## API Endpoint:

URL: Will be shared in separately depending on environment.

Method: POST

## Authentication:

The API uses OAuth 2.0 for authentication. Credentials will be provided separately.

## API Request:

Field	Description	Data Type	Example
COCActivityList	An array that contains the below elements for each object	Array of objects	"COCActivityList": [ {...}, {...} ]
Below Elements are part of an object <b>COCActivityList</b> array.			
<b>Object Start</b>			
EntityId	The unique identifier for the entity.	String	"0223836519"
ProviderId	The unique identifier for the provider.	String	"AC10000006"
ProviderName	The name of the provider.	String	"Center of Advanced Consultants in Healthcare Education and Training"
CertificateAccreditationNumber	The unique number for the certificate accreditation.	String	"SPP-2023000224"
CertificateNameArabic	The name of the certificate in Arabic.	String	"طب الاسنان العام الشامل"
CertificateNameEnglish	The name of the certificate in English.	String	"Comprehensive General Dentistry"
CertifiedDate	The date when the certificate was issued.	String (Date in <b>DD-MM-YYYY</b> format)	"31-08-2023"
DurationOfProgram	The length of the program in Days.	Integer	54
ExpiryDate	The date when the certificate will expire.	String (Date in <b>DD-MM-YYYY</b> format)	"31-08-2026"
RegistrationNumber	The SCFHS registration number.	String	"23532398"
<b>Object End</b>			

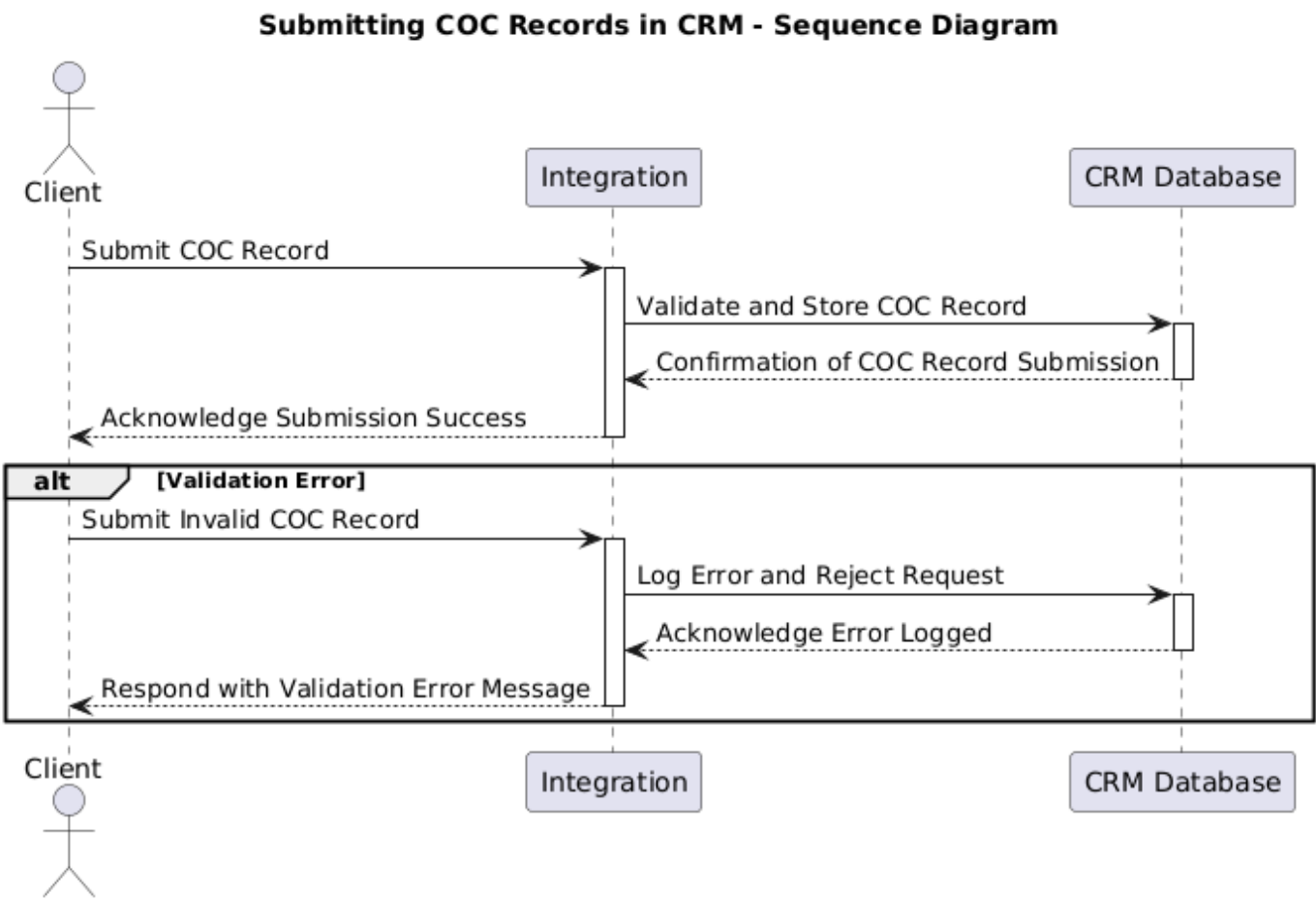


## API Response:

### - Fields to be returned:

Field	Description	Data Type	Example
ResponseList	An array that contains the below elements for each object	Array of objects	"ResponseList": [ {...}, {...} ]
Below Elements are part of an object from <b>ResponseList</b> array. <b>Object Start</b>			
EntityId	Unique identifier for the entity where the error occurred.	String	"0223836519"
Status	Status code indicating the result of the operation for this entity.	String	"02" (Please see Appendix 1 for all possible values)
ErrorMessage	Detailed message describing the error that occurred during the operation for this entity.	String	"A record that has the attribute values Record Integration Id already exists. The entity key Cpc Identity Key requires that this set of attributes contains unique values. Select unique values and try again." (Please see Appendix 1 for all possible values)
<b>Object End</b>			
transactionStatus	An object that has the overall status of the transaction.	Object	"transactionStatus": { "statusCode": "200", "statusDesc": "All records succeeded", "transactionId": "70d3b231-f0d9-4410-8828-27c85820c6ec", "executedOn": "2023-09-01T10:20:33.089" }
Below Elements are part of <b>transactionStatus</b> object. <b>Object Start</b>			
statusCode	Status code indicating the overall result of the transaction.	String	"200" (Please see Appendix 1 for all possible values)
statusDesc	description of the overall transaction status.	String	"All records succeeded" (Please see Appendix 1 for all possible values)
transactionId	Unique identifier for the transaction.	String	"70d3b231-f0d9-4410-8828-27c85820c6ec"
executedOn	Timestamp of when the transaction was executed.	String	"2023-09-01T10:20:33.089"
<b>Object End</b>			

# Sequence Diagram:



## - Sample Request:

```
{
  "COCActivityList": [
    {
      "EntityId": "0223836660",
      "ProviderId": "AC10000006",
      "ProviderName": "Center of Advanced Consultants in Healthcare Education and Training",
      "CertificateAccreditationNumber": "SPP-2023000224",
      "CertificateNameArabic": "طب الاسنان العام الشامل",
      "CertificateNameEnglish": "Comprehensive General Dentistry",
      "CertifiedDate": "31-08-2023",
      "DurationOfProgram": 60,
      "ExpiryDate": "31-08-2026",
      "RegistrationNumber": "23532398"
    }
  ]
}
```

```

    },
    {
      "EntityId": "0223936514",
      "ProviderId": "AC10000006",
      "ProviderName": "Center of Advanced Consultants in Healthcare Education and Trainin
g",
      "CertificateAccreditationNumber": "SPP-2023000224",
      "CertificateNameArabic": "طب الاسنان العام الشامل",
      "CertificateNameEnglish": "Comprehensive General Dentistry",
      "CertifiedDate": "31-08-2023",
      "DurationOfProgram": 80,
      "ExpiryDate": "31-08-2026",
      "RegistrationNumber": "23532395"
    },
    {
      "EntityId": "0223936514",
      "ProviderId": "AC10000006",
      "ProviderName": "Center of Advanced Consultants in Healthcare Education and Trainin
g",
      "CertificateAccreditationNumber": "SPP-2023000224",
      "CertificateNameArabic": "طب الاسنان العام الشامل",
      "CertificateNameEnglish": "Comprehensive General Dentistry",
      "CertifiedDate": "2023-08-31",
      "DurationOfProgram": 100,
      "ExpiryDate": "31-08-2026",
      "RegistrationNumber": "23532395"
    }
  ]
}

```

## - Sample Response:

```

{
  "ResponseList": [
    {
      "EntityId": "0223836660",
      "Status": "01"
    },
    {
      "EntityId": "0223936514",
      "Status": "02",
      "ErrorMessage": "A record that has the attribute values Record Integration Id already exists. The entity key Cpc Identity Key requires that this set of attributes contains unique values. Select unique values and try again."
    },
    {
      "EntityId": "0223936514",
      "Status": "02",
      "ErrorMessage": "String was not recognized as a valid DateTime."
    }
  ],
  "transactionStatus": {

```

```

        "statusCode": "207",
        "statusDesc": "Partial success, some records were not accepted, please check ErrorMessage for each record",
        "transactionId": "988bbacf-125d-4392-9c80-95d3fc71647e",
        "executedOn": "2023-09-27T11:27:58.593"
    }
}

```

## Appendix 1:

Possible “**transactionStatus**” status fields response values.

statusCode	statusDesc
“200”	“All records succeeded”
“207”	“Partial success, some records were not accepted, please check ErrorMessage for each record”
“400”	“All records failed, please check ErrorMessage for each record”
“400”	“Schema Validation error”

Possible “**ResponseList.item[\*]**” Status & ErrorMessage possible values.

Status	ErrorMessage
“01”	This field will not be returned in case of success
“02”	“Duplicate Record”
“02”	“Please fill all mandatory fields for this Competency Program Certificate”
“02”	“No existing profile with sent RegistrationNumber”
“02”	“Internal Server Error”





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## MCI CR Number Validation

## Introduction

This document provides details on the API developed for validating Commercial Registration (CR) numbers by integrating with the Ministry of Commerce and Investment (MCI) service. The API allows for real-time validation of CR numbers, ensuring that businesses and organizations can verify the authenticity of the provided commercial registration information.

## API Endpoint:

URL: Will be shared in separately depending on environment.

Method: POST

## Authentication:

The API uses OAuth 2.0 for authentication. Credentials will be provided separately.

## API Request:

Field	Description	Data Type	Example
ICRRequest	An object that has the below element	Object	"ICRRequest ": {...}
Below Elements are part of an object ICRRequest object.			
Object Start			
CRNumber	The unique identifier for the entity.	String	"7001514442"
Object End			

## API Response:

### - Fields to be returned:

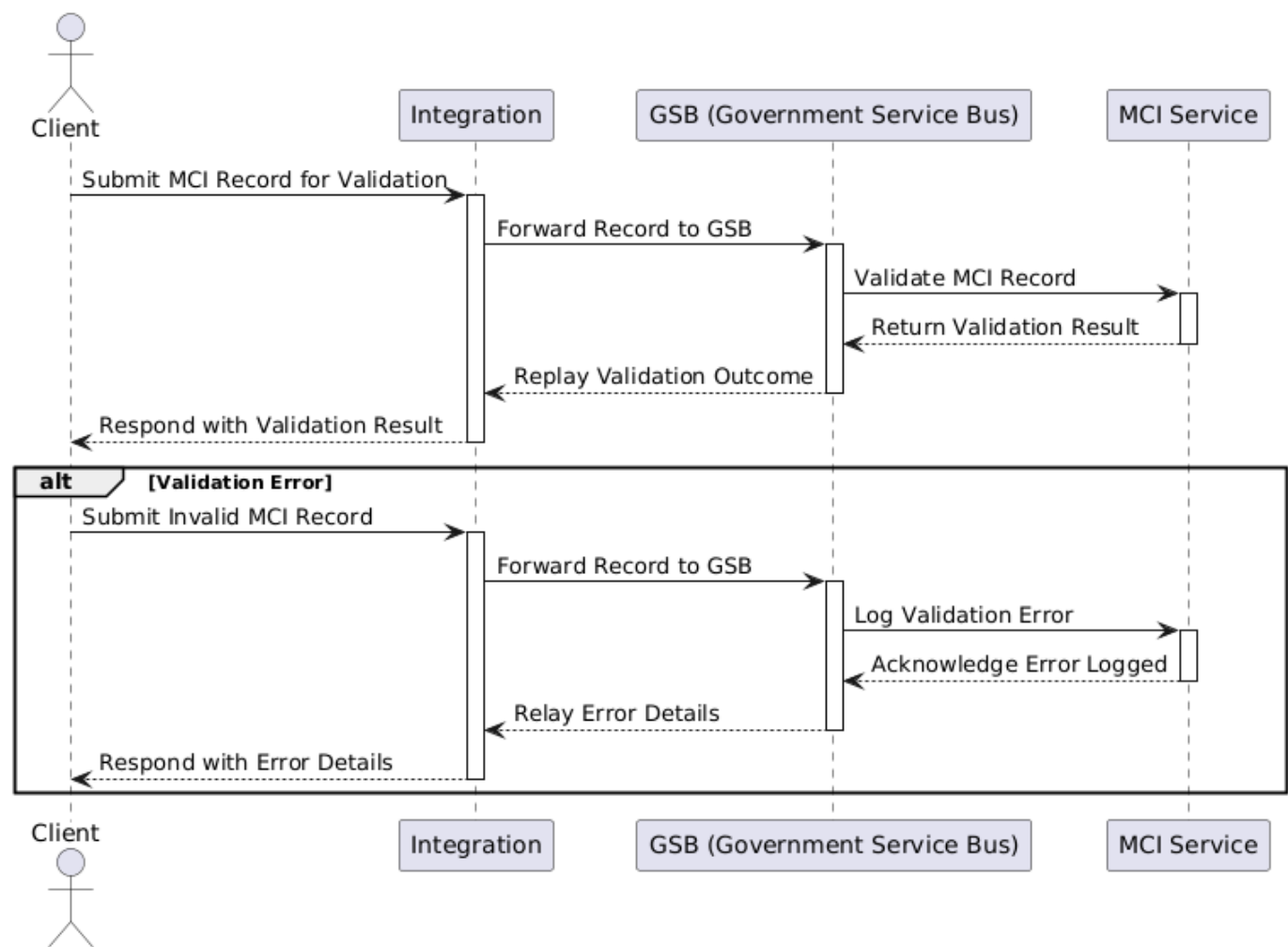
Field	Description	Data Type	Example
ICRResponse	An object that has the below element	Object	"ICRResponse ": {...}
Below Elements are part of an object from ICRResponse object.			
ICRResponse Object Start			
CompanyName	Unique identifier for the entity where the error occurred.	String	"0223836519"
RegistrationExpiryDate	An object that has the registration expiry date in Hijri and Gregorian	Object	{ "HijriDate": "21-05-1449", "GregorianDate": null } (Refer object reference below)
RegistrationExpiryDate Object Start			
HijriDate	The Hijri date when the registration expires	String (Date in DD-MM-YYYY)	"21-05-1449"
GregorianDate	The date when the registration expires	String (Date in DD-MM-YYYY)	"null"
RegistrationExpiryDate Object End			



Status	Status code indicating the activity	String	"Active"
RegionName	Region name	String	"الرياض"
CityName	City name	String	"0000 -11586 الرياض 0000 "
CRActivities	An object that contains below CRActivity	Object	"CRActivities": { "CRActivity": [...] } }
<b>CRActivities Object Start</b>			
CRActivity	An array that contains the below elements for each object	Array	{ "CRActivity": [...] }
<b>CRActivity Array Object Start</b>			
ActivityCode	Activity code	Number	641911
ActivityName	Activity name	String	"بنوك تجارية وطنية (محلية)"
<b>CRActivity and CRActivities Object Start</b>			
TransactionStatus	An object that has the overall status of the transaction.	Object	"TransactionStatus": { "StatusCode": 200, "StatusDesc": "Success" }
<b>TransactionStatus Object Start</b>			
StatusCode	Status code indicating the overall result of the transaction.	String	"200"
StatusDesc	description of the overall transaction status.	String	"Success"
<b>TransactionStatus Object End</b>			
<b>ICRResponse Object End</b>			

# Sequence Diagram:

Validating MCI Records via GSB - Sequence Diagram



- **Sample Request:**

```
{
  "ICRRequest": {
    "CRNumber": "7001514442"
  }
}
```

- **Sample Response:**

```
{
  "ICRResponse": {
    "CompanyName": "مصرف الانماء",
    "RegistrationExpiryDate": {
      "HijriDate": "21-05-1449",
      "GregorianDate": null
    },
    "Status": "Active",
    "RegionName": "الرياض",
    "CityName": "0000 0000-11586 الرياض ",
    "CRActivities": {
      "CRActivity": [
        {
          "ActivityCode": 641911,
          "ActivityName": "بنوك تجارية وطنية (محلية)"
        },
        {
          "ActivityCode": 649100,
          "ActivityName": "الإيجار التمويلي"
        }
      ]
    },
    "TransactionStatus": {
      "StatusCode": 200,
      "StatusDesc": "Success"
    }
  }
}
```