

# **CRM REST API DOCUMENTATION**

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## Courses

- List all courses

```
GET    /v1/courses
```

Response body:

```
[
  {
    "id": Number,
    "code": String,
    "name": String,
    "description": String,
    "qualification": String,
    "trainer": Number, // trainer id
    "duration": Number, // days
    "startDate": String,
    "amount": Number
  },
  ...
]
```

HTTP Status:

Status Code	Description
200	OK

- View specific course

```
GET    /v1/courses/{id}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String,
  "description": String,
  "qualification": String,
  "trainer": Number, // trainer id
  "duration": Number, // days
  "startDate": String,
```

```
    "amount": Number
}
```

HTTP Status:

Status Code	Description
200	OK
404	Not found

- Create new course

```
POST    /v1/courses
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "code": String,
  "name": String,
  "description": String,
  "qualification": String,
  "trainer": Number, // trainer id
  "duration": Number, // days
  "startDate": String,
  "amount": Number
}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String,
  "description": String,
  "qualification": String,
  "trainer": Number, // trainer id
  "duration": Number, // days
  "startDate": String,
```

```
    "amount": Number
  }
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden
409	Conflict

- Update course

```
PUT    /v1/courses/{id}
PATCH /v1/courses/{id}
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "code": String,
  "name": String,
  "description": String,
  "qualification": String,
  "trainer": Number, // trainer id
  "duration": Number, // days
  "startDate": String,
  "amount": Number
}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String,
```

```
"description": String,
"qualification": String,
"trainer": Number, // trainer id
"duration": Number, // days
"startDate": String,
"amount": Number
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not found
409	Conflict

- Delete course

```
DELETE /v1/courses/{id}
```

Request header:

```
Authorization: Token <token>
```

HTTP Status:

Status Code	Description
204	No Content (Deleted successfully)
401	Unauthorized
403	Forbidden
404	Not found

---

## Enquiries

- List all enquiries

```
GET    /v1/enquiries
```

Request header:

```
Authorization: Token <token>
```

Response body:

```
[
  {
    "id": Number,
    "title": String,
    "description": String,
    "course": Number,      // course id
    "user": Number        // user id
  },
  ...
]
```

HTTP Status:

Status Code	Description
200	OK
401	Unauthorized
403	Forbidden

- View specific enquiry

```
GET    /v1/enquiries/{id}
```

Request header:

```
Authorization: Token <token>
```

Response body:

```
{
  "id": Number,
  "title": String,
```

```
"description": String,
"course": Number,      // course id
"user": Number         // user id
}
```

HTTP Status:

Status Code	Description
200	OK
401	Unauthorized
403	Forbidden
404	Not found

- Create new enquiry

```
POST    /v1/enquiries
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "title": String,
  "description": String,
  "course": Number,      // course id
  "user": Number         // user id
}
```

Response body:

```
{
  "id": Number,
  "title": String,
  "description": String,
  "course": Number,      // course id
  "user": Number         // user id
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden

- Update enquiry

```
PUT      /v1/enquiries/{id}
PATCH   /v1/enquiries/{id}
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "title": String,
  "description": String,
  "course": Number,      // course id
  "user": Number         // user id
}
```

Response body:

```
{
  "id": Number,
  "title": String,
  "description": String,
  "course": Number,      // course id
  "user": Number         // user id
}
```

HTTP Status:

Status Code	Description
-------------	-------------



Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not found

- Delete enquiry

```
DELETE /v1/enquiries/{id}
```

Request header:

```
Authorization: Token <token>
```

HTTP Status:

Status Code	Description
204	No Content (Deleted successfully)
401	Unauthorized
403	Forbidden
404	Not found

---

## Users

- List all users

```
GET /v1/users
```

Request header:

```
Authorization: Token <token>
```

Response body:

```
[
  {
    "id": Number,
    "name": String,
    "email": String,
    "phone": String,
    "date of birth": String
  },
  ...
]
```

HTTP Status:

Status Code	Description
200	OK
401	Unauthorized
403	Forbidden

- View specific user

```
GET    /v1/users/{id}
```

Request header:

```
Authorization: Token <token>
```

Response body:

```
{
  "id": Number,
  "name": String,
  "email": String,
  "phone": String,
  "date_of_birth": String
}
```

HTTP Status:

Status Code	Description
200	OK

Status Code	Description
401	Unauthorized
403	Forbidden
404	Not found

- Create new user

```
POST    /v1/users
```

Request header:

```
Content-Type: application/json
```

Request body:

```
{
  "name": String,
  "email": String,
  "phone": String,
  "date_of_birth": String,
  "password": String
}
```

Response body:

```
{
  "id": Number,
  "name": String,
  "email": String,
  "phone": String,
  "date_of_birth": String
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request

- Update user

```
PUT      /v1/users/{id}
PATCH   /v1/users/{id}
```

#### Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

#### Request body:

```
{
  "name": String,
  "email": String,
  "phone": String,
  "date_of_birth": String,
  "password": String
}
```

#### Response body:

```
{
  "id": Number,
  "name": String,
  "email": String,
  "phone": String,
  "date_of_birth": String
}
```

#### HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not found

- Delete user

```
DELETE /v1/users
```

Request header:

```
Authorization: Token <token>
```

HTTP Status:

Status Code	Description
204	No Content (Deleted successfully)
401	Unauthorized
403	Forbidden
404	Not found

---

## Categories

- List all categories

```
GET /v1/categories
```

Response body:

```
[
  {
    "id": Number,
    "name": String
  },
  ...
]
```

HTTP Status:

Status Code	Description
200	OK

- View specific category

```
GET /v1/categories/{id}
```

Response body:

```
{
  "id": Number,
  "name": String
}
```

HTTP Status:

Status Code	Description
200	OK
404	Not found

- Create new category

```
POST    /v1/categories
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "name": String
}
```

Response body:

```
{
  "id": Number,
  "name": String
}
```

HTTP Status:

Status Code	Description
-------------	-------------

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden

- Update category

```
PUT      /v1/categories/{id}
PATCH   /v1/categories/{id}
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "name": String
}
```

Response body:

```
{
  "id": Number,
  "name": String
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden
404	Not found

- Delete category

```
DELETE /v1/categories/{id}
```

Request header:

```
Authorization: Token <token>
```

HTTP Status:

Status Code	Description
204	No Content (Deleted successfully)
401	Unauthorized
403	Forbidden
404	Not found

---

## Qualifications

- List all qualifications

```
GET /v1/qualifications
```

Response body:

```
[
  {
    "id": Number,
    "code": String,
    "name": String
  },
  ...
]
```

HTTP Status:

Status Code	Description
200	OK

- View specific qualification



```
GET    /v1/qualifications/{id}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String
}
```

HTTP Status:

Status Code	Description
200	OK
404	Not found

- Create new qualification

```
POST    /v1/qualifications
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "code": String,
  "name": String
}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden

- Update qualification

```
PUT      /v1/qualifications/{id}
PATCH  /v1/qualifications/{id}
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "code": String,
  "name": String
}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request

Status Code	Description
401	Unauthorized
403	Forbidden
404	Not found

- Delete qualification

```
DELETE /v1/qualifications/{id}
```

Request header:

```
Authorization: Token <token>
```

HTTP Status:

Status Code	Description
204	No Content (Deleted successfully)
401	Unauthorized
403	Forbidden
404	Not found

---

## Batches

- List all batches

```
GET /v1/batches
```

Response body:

```
[
  {
    "id": Number,
    "code": String,
    "name": String
  },
  ...
]
```

HTTP Status:

Status Code	Description
200	OK

- View specific batch

```
GET    /v1/batches/{id}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String
}
```

HTTP Status:

Status Code	Description
200	OK
404	Not found

- Create new batch

```
POST   /v1/batches
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "code": String,
  "name": String
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized
403	Forbidden

- Update batch

```
PUT      /v1/batches/{id}
PATCH   /v1/batches/{id}
```

Request header:

```
Authorization: Token <token>
Content-Type: application/json
```

Request body:

```
{
  "code": String,
  "name": String
}
```

Response body:

```
{
  "id": Number,
  "code": String,
  "name": String
}
```

HTTP Status:

Status Code	Description
201	Created
400	Bad Request
401	Unauthorized

Status Code	Description
403	Forbidden
404	Not found

- Delete batch

```
DELETE /v1/batches/{id}
```

Request header:

```
Authorization: Token <token>
```

HTTP Status:

Status Code	Description
204	No Content (Deleted successfully)
401	Unauthorized
403	Forbidden
404	Not found