



API de Gerenciamento de cursos

v1.0.0 OAS3

API feita para a disciplina de PDS com objetivo de manipular cursos

[Contact the developer](#)

Servers

[http://localhost:3333 - Server Principal](http://localhost:3333)

Courses



POST /courses



Essa rota será responsável por criar um novo curso

Parameters

[Try it out](#)

No parameters

Request body

application/json

Examples:

[Curso de Programação](#)

Example Value Schema

```
{  
  "name": "Curso de Programação",  
  "start_time": "07:00",  
  "end_time": "10:00",  
  "teacher_ids": [  
    "0343ce92-7869-49aa-8154-abe9bea86683"  
  ],  
  "classroom_ids": [  
    "7a172c5d-18ed-405b-90f1-b7fead186e04"  
  ],  
  "users_ids": [  
    "77f073cd-68df-4a20-8ce6-2658a88831d3",  
    "0561482f-4e6c-413f-bd0f-9400c0d1609d"  
  ],  
}
```

```
        "status": "new"  
    }
```

Responses

Code	Description	Links
201	OK	<i>No links</i>
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre>	

GET	/courses	▲
Essa rota será responsável por listar todos os cursos		
Parameters		Try it out
No parameters		
Responses		
Code	Description	Links

Code	Description	Links
201	OK	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;"> application/json </div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre>	

GET /courses/status/{status} ^

Essa rota será responsável por listar todos os cursos com um status específico

Parameters **Try it out**

Name	Description
status * required (path)	Status do curso para busca

Responses

Code	Description	Links
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Code	Description	Links
201	OK	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;"> application/json </div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre>	

GET	/courses/{id}	^
Essa rota será responsável por buscar um curso com um ID específico		
Parameters		Try it out
Name	Description	
id * required (path)	ID do curso para busca	
<input type="text" value="id"/>		
Responses		
Code	Description	Links

Code	Description	Links
201	<p>OK</p> <p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre>	No links

400	Unexpected error	No links
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PUT /courses/{id} ^

Essa rota será responsável por editar um curso com um ID específico

Parameters **Try it out**

Name	Description
id * required (path)	ID do curso para edição

Request body **application/json**

Examples:

Curso de Programação

Example Value Schema

```
{
  "name": "Curso de Programação 1",
  "start_time": "07:00",
  "end_time": "10:00",
```

```

"teacher_ids": [
    "0343ce92-7869-49aa-8154-abe9bea86683"
],
"classroom_ids": [
    "7a172c5d-18ed-405b-90f1-b7fead186e04"
],
"users_ids": [
    "77f073cd-68df-4a20-8ce6-2658a88831d3",
    "0561482f-4e6c-413f-bd0f-9400c0d1609d"
],
"status": "on_going"
}

```

Responses

Code	Description	Links
201	OK	No links
400	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre> <p>Unexpected error</p>	No links

DELETE /courses/{id} ^

Essa rota será responsável por deletar um curso específico

Parameters

Try it out

Name	Description

Name	Description	
id * required <i>(path)</i>	ID do curso para deleção	<input type="text" value="id"/>

Responses

Code	Description	Links
201	OK	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre>	
400	Unexpected error	No links

PATCH /courses/{id}/status ^

Essa rota será responsável por editar o status de um curso específico

Parameters **Try it out**

Name	Description
------	-------------

Name	Description
id * required <i>(path)</i>	ID do curso para a edição

Request body	application/json
--------------	------------------

Examples:**Status****Example Value Schema**

```
{
  "status": "completed"
}
```

Responses

Code	Description	Links
201	OK	No links
400	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre> <p>Unexpected error</p>	No links

PATCH /courses/add_users

Essa rota será responsável por adicionar um ou mais alunos em um curso

Parameters

[Try it out](#)

No parameters

Request body

[application/json](#)

Examples:

[Course students](#)

Example Value Schema

```
{
  "course_id": "45918910-6ff0-4395-8ba4-a8bcfd58c47",
  "user_ids": [
    "0561482f-4e6c-413f-bd0f-9400c0d1609d"
  ]
}
```

Responses

Code	Description	Links
201	OK	<i>No links</i>
400	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "start_time": "string", "end_time": "string", "teacher_ids": "Unknown Type: string[]", "classroom_ids": "Unknown Type: string[]", "users_ids": "Unknown Type: string[]", "status": "Unknown Type: CourseStatus" }</pre>	<i>No links</i>

Classrooms



POST /classrooms



Essa rota será responsável por criar uma nova sala

Parameters

[Try it out](#)

No parameters

Request body

application/json

Examples:

Sala

[Example Value](#) [Schema](#)

```
{  
    "number": "12"  
}
```

Responses

[Code](#) [Description](#)

[Links](#)

201

No links

OK

Media type

application/json

Controls Accept header.

[Example Value](#) [Schema](#)

```
{  
    "number": "string",  
    "courses_ids": "Unknown Type: string[]"  
}
```

Code	Description	Links
400	Unexpected error	No links

GET /classrooms ^

Essa rota será responsável por listar todas as salas

Parameters Try it out

No parameters

Responses

Code Description Links

201 OK No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{  "number": "string",  "courses_ids": "Unknown Type: string[]"}  
}
```

400 Unexpected error No links

GET /classrooms/{id} ^

Essa rota será responsável por buscar uma sala com um ID específico

Parameters Try it out

Name	Description
id * required (path)	ID da sala para busca

Responses

Code	Description	Links
201	OK	No links
400	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "number": "string", "courses_ids": "Unknown Type: string[]" }</pre>	No links

PUT /classrooms/{id} ^

Essa rota será responsável por editar uma sala com um ID específico

Parameters

[Try it out](#)

Name	Description
id * required (path)	ID da sala para edição

Request body

application/json**Examples:****Sala****Example Value** **Schema**

```
{  
    "number": "20"  
}
```

Responses

Code	Description	Links
201	OK	<i>No links</i>
400	<p>Media type application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "number": "string", "courses_ids": "Unknown Type: string[]" }</pre>	<i>No links</i>

DELETE /classrooms/{id} ^

Essa rota será responsável por deletar uma sala específica

Parameters**Try it out****Name** **Description**

Name	Description
id * required (path)	ID da sala para deleção

id

Responses

Code	Description	Links
201	OK	No links

Media type

application/json

Controls Accept header.

Example Value Schema

Teachers

```
{  
    "number": "string",  
    "courses_ids": "Unknown Type: string[]"  
}
```



POST /teacners



Essa rota será responsável por criar um novo professor

Parameters

Try it out

No parameters

Request body

application/json

Examples:

Sala

Example Value Schema

```
{  
    "name": "Ana Silva"  
}
```

Responses

Code	Description	Links
201	OK	<i>No links</i>
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "number": "string", "courses_ids": "Unknown Type: string[]" }</pre>	

GET /teachers ^

Essa rota será responsável por listar todos os professores

Parameters

[Try it out](#)

No parameters

Responses

Code	Description	Links

Code	Description	Links
201	OK	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "courses_ids": "Unknown Type: string[]" }</pre>	

GET	/teachers/{id}	^
Essa rota será responsável por buscar um professor com um ID específico		
Parameters		Try it out
Name	Description	Links
id * required (path)	ID do professor para busca	

Responses

Code	Description	Links

Code	Description	Links
201	OK	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "name": "string", "courses_ids": "Unknown Type: string[]" }</pre>	

PUT /teachers/{id} ^

Essa rota será responsável por editar um professor com um ID específico

Parameters Try it out

Name	Description
id * required (path)	ID do professor para edição

Request body application/json

Examples:

Sala

Example Value Schema

```
{
  "name": "Ana Vitória"
}
```

Responses

Code	Description	Links
201	OK	No links
	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "number": "string", "courses_ids": "Unknown Type: string[]" }</pre>	
400	Unexpected error	No links

DELETE /teachers/{id}



Essa rota será responsável por deletar um professor específico

Parameters

[Try it out](#)

Name	Description
id * required (path)	ID do professor para deleção

Responses

Code	Description	Links
------	-------------	-------

Users



POST /users



Essa rota será responsável por criar um novo usuário

Parameters

[Try it out](#)

No parameters

Example Value

Request body

application/json

Examples:

Usuário

```
{  
  "name": "string",  
  "courses_ids": "Unknown Type: string[]"}
```

Example Value Schema

```
{  
  "email": "AnaSilva@gmail.com",  
  "password": "Ana123",  
  "role": "student"  
}
```

Responses

Code

Description

Links

201

OK

No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{  
  "number": "string",  
  "courses_ids": "Unknown Type: string[]"}
```

400

Unexpected error

No links

GET

/users



Essa rota será responsável por listar todos os usuários

Parameters**Try it out**

No parameters

Responses

Code	Description	Links
201	OK	<i>No links</i>
400	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "email": "string", "password": "string", "role": "Unknown Type: UserRole", "courses_ids": "Unknown Type: string[]"}</pre>	<i>No links</i>

GET /users/{id} ^

Essa rota será responsável por buscar um usuário com um ID específico

Parameters**Try it out**

Name	Description
id * required (path)	ID do usuário para busca

id

Responses

Code	Description	Links
201	OK	No links
	<p>Media type</p> <div style="border: 2px solid green; padding: 2px; display: inline-block;">application/json</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "email": "string", "password": "string", "role": "Unknown Type: UserRole", "courses_ids": "Unknown Type: string[]" }</pre>	
400	Unexpected error	No links

PUT /users/{id} ^

Essa rota será responsável por editar um usuário com um ID específico

Parameters

Try it out

Name Description

id * required
(path) ID do usuário para edição

Request body

application/json

Examples:

Example Value Schema

```
{
  "email": "AnaVitoria2020@gmail.com",
```

```
        "password": "Ana123",
        "role": "admin"
    }
```

Responses

Code	Description	Links
201	OK	No links
400	<p>Media type</p> <p>application/json</p> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "number": "string", "courses_ids": "Unknown Type: string[]" }</pre>	No links

DELETE /users/{id}



Essa rota será responsável por deletar um usuário específico

Parameters

[Try it out](#)

Name	Description
id * required (path)	ID do usuário para deleção

Responses

Code	Description	Links
201	OK	No links
	<p>Media type</p> <div style="border: 1px solid green; padding: 2px; display: inline-block;"> application/json </div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "email": "string", "password": "string", "role": "Unknown Type: UserRole", "courses_ids": "Unknown Type: string[]" }</pre>	
400	Unexpected error	No links

Schemas



```
Course  {
  name          string
  start_time    string
  end_time      string
  teacher_ids   string[]
  classroom_ids string[]
  users_ids     string[]
  status         CourseStatus
}
```

```
Classroom  {
  number        string
  courses_ids  string[]
}
```

```
Teacher {  
    name      string  
    courses_ids string[]  
}
```

```
User {  
    email      string  
    password   string  
    role       UserRole  
    courses_ids string[]  
}
```