

SOLICITEL

Backend API Routes

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## 1. API Wide Errors

- 400 Bad Request: {error: "Error on request" }
- 401 Unauthorized: {error: "Token not valid "} or {error: "No token"} or {error: "Token information not valid"}
- 403 Forbidden: { error: 'Auth not valid' }
- 404 Page not found: { error: "Page not found" }
- 500 Internal Server Error { error: "Something Broke", message: error message}

## 2. API Routes

### 2.1 Main app

#### **Admin**

This endpoint allows you to enter the project administrator console. When entering this endpoint you must access with the credentials of the super user created.

Route: admin/

### 2.2 Api

These endpoints are used to manage user login. To enter the endpoints of this section you must precede "api/".

- Token

Used to obtain the user authorization tokens (JWT). These tokens are the ones that allow to keep a session logged in.

Route: token/

Type: POST

Body:

```
{  
  
  "username": String  
  
  "password": String
```

```
}
```

Response:

```
{
```

```
  "refresh": String
```

```
  "access": String
```

```
}
```

- Token refresh

Allows you to obtain a new access token.

Route: token/refresh/

Type: POST

Body:

```
{
```

```
  "refresh": refresh token obtained in the token query. String
```

```
}
```

Response:

```
{
```

```
  "access": String
```

```
}
```

## 2.3 User

Used for the creation of users and roles. To enter the endpoints of this section you must precede "user/".

- Roles

Used to obtain the list of registered roles in the database or to register a new role.

Route: roles/

Type: GET

Response:

```
[  
  {  
    "id": int,  
    "description": String  
  }  
]
```

Type: POST

Body:

```
{  
  "description": String  
}
```

Response:

```
{  
  "id": int  
  "description": String  
}
```

- Delete role

Used to eliminate a role.

Route: roles/delete/<int:pk>/

Type: DELETE

- Register role

Used to register a new user.

Route: registro/

Type: POST

Body:

```
{  
  "username": String  
  "password": String  
}
```

Response:

```
{  
  "id": int  
  "username": String  
}
```

- User role

Used to obtain the authenticated user role.

Route: rol/

Type: GET

Response:

```
{  
  "id": int  
  "description": String  
}
```

- User profile

Used to obtain the authenticated user profile data.

Route: perfil/

Type: GET

Response:

```
{  
  "id": int  
  "user": int  
  "email": String  
  "name": String  
  "cedula": String  
  "is_active": Boolean  
}
```

## 2.4 Proyecto

Used for project and application management. To enter the endpoints of this section you must precede "api/".

- Project

Used to obtain or create projects.

Route: proyectos/

Type: GET

Response:

```
{
  "status": String
  "message": String
  "data": [
    {
      "id": int,
      "nombre": String
      "fecha_creacion": String
      "project_budget": int
      "user_profile": int,
      "budget_items": List of budget items
    }
  ]
}
```



Type: POST

Body:

```
{  
  "nombre": String  
  "project_budget": int  
  "budget_items": Send as a empty list  
  "user_profile": int  
}
```

- Project detail

Used to obtain data for a specific project.

Route: proyectos/<int:pk>/

Type: GET

Response:

```
{  
  "id": int,  
  "nombre": String  
  "fecha_creacion": String  
  "project_budget": int  
  "user_profile": int,  
  "budget_items": List of budget items  
}
```

- Budget items

Used to establish the list of budget items for a project.

Route: proyectos/<int:proyecto\_id>/items/

Type: POST

Body:

```
[  
  {  
    "recurso": String,  
    "categoria": String  
    "cantidad": int  
    "valor": int  
    "presupuesto": int,  
    "proyecto": proyecto_id  
  }  
]
```

- Request

Used to obtain all requests.

Route: solicitudes/

Type: GET

Response:

```
{  
  "status": String  
  "message": String  
  "data": [  
    {  
      "id": int,  
      "codigo": String  
      "nombre": String  
      "tema": String  
      "tipo": String,  
      "estado": String  
    }  
  ]  
}
```

- Request by projects

Used to obtain requests for a specific project.

Route: solicitudes/<int:pk>/

Type: GET

Response:

```
{
  "status": String
  "message": String
  "data":
  {
    "id": int,
    "codigo": String
    "nombre": String
    "tema": String
    "tipo": String
    "estado": String
  }
}
```

- Request creation

Used to obtain requests for a specific project.

Route: solicitudes/<int:proyecto\_id>/solicitud/

Type: POST

body:

```
{
```

```
  "codigo": String
```

```
  "nombre": String
```

```
  "tema": String
```

```
  "tipo": String
```

```
  "estado": String
```

```
{
```