

# Tugas Besar II3160 Teknologi Sistem Terintegrasi

## Dokumentasi Layanan API Digital Kreator



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# Informasi Umum

## Base URL

`http://54.206.72.205`

## Repository

`https://github.com/EldwinPr/Digital-Kreator`

## Autentikasi

Sebagian besar endpoint memerlukan autentikasi melalui session. Pengguna harus login terlebih dahulu untuk mengakses endpoint yang dilindungi.

## Kode Status Response

- 200: Permintaan berhasil
- 201: Data berhasil dibuat
- 400: Permintaan tidak valid (kesalahan input)
- 401: Tidak terautentikasi
- 403: Tidak memiliki izin
- 404: Data tidak ditemukan
- 500: Error server

## Format Tanggal dan Waktu

Semua tanggal dan waktu menggunakan format ISO 8601:

- Tanggal: YYYY-MM-DD
- Datetime: YYYY-MM-DD HH:mm:ss

# Endpoint Pengguna (Users)

## 1. Mendaftar Pengguna

- URL: /users/register
- Metode: POST
- Autentikasi: Tidak
- Body Request:

json

```
{
  "name": "string",
  "email": "string",
  "password": "string (minimal 8 karakter)",
  "role": "creator|client"
}
```

- Response Sukses: 201 Created

json

```
{
  "message": "Registration successful",
  "userId": "integer"
}
```

## 2. Login

- URL: /users/login
- Metode: POST
- Autentikasi: Tidak
- Body Request:

json

```
{
  "email": "string",
  "password": "string"
}
```

- Response Sukses: 200 OK

json

```
{
  "message": "Login successful",
  "user": {
    "id": "integer",
    "email": "string",
    "role": "string"
  }
}
```

### 3. Logout

- URL: /users/logout
- Metode: POST
- Autentikasi: Ya
- Response Sukses: 200 OK

json

```
{  
  "message": "Logout successful"  
}
```

### 4. Profile

- URL: /users/profile
- Metode: POST
- Autentikasi: Ya
- Response Sukses: 200 OK

json

```
{  
  "id": "integer",  
  "name": "string",  
  "email": "string",  
  "role": "string"  
}
```

# Endpoint Portfolio

## 1. Membuat Portfolio

- URL: /portfolio/create
- Metode: POST
- Autentikasi: Ya (hanya role creator)
- Body Request:

title: string (judul portfolio)  
description: string (deskripsi portfolio)  
category: string (kategori portfolio)  
portfolio\_file: file (file portfolio)

- Response Sukses: 201 Created

json

```
{
  "message": "Portfolio created successfully!",
  "data": {
    "creator_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",
    "file_path": "string",
    "likes": 0
  }
}
```

## 2. Update Portfolio

- URL: /portfolio/update
- Metode: POST
- Autentikasi: Ya (Pemilik portfolio atau admin)
- Body Request:

title: string (opsional)  
description: string (opsional)  
category: string (opsional)  
portfolio\_file: file (opsional)

- Response Sukses: 200 ok

json

```
{
  "message": "Portfolio updated successfully!",
  "data": {
    "title": "string",
    "description": "string",
  }
}
```

```
"category": "string",
"file_path": "string"
}
}
```

### 3. Hapus Portfolio

- URL: /portfolio/delete
- Metode: DELETE/POST
- Autentikasi: Ya (Pemilik portfolio atau admin)
- Body Request:

json

```
{
  "id": "Integer"
}
```

- Response Sukses: 200 ok

json

```
{
  "message": "Portfolio deleted successfully!"
}
```

### 4. Melihat Semua Portfolio

- URL: /portfolio/findAll
- Metode: GET
- Autentikasi: Tidak
- Response Sukses: 200 ok

json

```
[
  {
    "id": "integer",
    "creator_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",
    "file_path": "string",
    "likes": "integer",
    "created_at": "datetime",
    "updated_at": "datetime"
  }
]
```

### 5. Mencari Portfolio Berdasarkan id

- URL: /portfolio/findById
- Metode: GET/POST
- Autentikasi: Tidak

- Body Request:

json

```
{
  "id": "Integer"
}
```

- Response Sukses: 200 ok

json

```
[
  {
    "id": "integer",
    "creator_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",
    "file_path": "string",
    "likes": "integer",
    "created_at": "datetime",
    "updated_at": "datetime"
  }
]
```

## 6. Mencari Portfolio Berdasarkan Nama Kreator

- URL: /portfolio/findByCreator
- Metode: GET/POST
- Autentikasi: Tidak
- Body Request:

json

```
{
  "name": "string"
}
```

- Response Sukses: 200 ok

json

```
{
  "message": "Portfolios retrieved successfully",
  "data": [
    {
      "id": "integer",
      "creator_id": "integer",
      "title": "string",
      "description": "string",
      "category": "string",
      "file_path": "string",
      "likes": "integer",
      "created_at": "datetime",
      "updated_at": "datetime"
    }
  ]
}
```



```
}  
],  
"search_term": "string"  
}
```

## 7. Mencari Portfolio Berdasarkan Kategori

- URL: /portfolio/findByCreator
- Metode: GET/POST
- Autentikasi: Tidak
- Body Request:

json

```
{  
  "category": "Integer"  
}
```

- Response Sukses: 200 ok

json

```
{  
  "message": "Portfolios retrieved successfully",  
  "data": [  
    {  
      "id": "integer",  
      "creator_id": "integer",  
      "title": "string",  
      "description": "string",  
      "category": "string",  
      "file_path": "string",  
      "likes": "integer",  
      "created_at": "datetime",  
      "updated_at": "datetime"  
    },  
    ],  
  "category_searched": "string"  
}
```

## 8. Menyukai Portfolio

- URL: /portfolio/findByCreator
- Metode: GET/POST/PUT
- Autentikasi: Ya
- Response Sukses: 200 ok

json

```
{  
  "message": "Portfolio berhasil disukai"  
}
```

# Endpoint Project

## 1. Membuat Project

- URL: /project/create
- Metode: POST
- Autentikasi: Ya (hanya role creator)
- Body Request:

json

```
{
  "client_id": "integer",
  "title": "string",
  "description": "string",
  "category": "string",
  "status": "string",
  "deadline": "date"
}
```

- Response Sukses: 201 Created

json

```
{
  "message": "Project created successfully!",
  "data": {
    "creator_id": "integer",
    "client_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",
    "status": "string",
    "deadline": "date"
  }
}
```

## 2. Update Project

- URL: /project/update
- Metode: POST
- Autentikasi: Ya (Pemilik portfolio atau admin)
- Body Request:

json

```
{
  "title": "string (opsional)",
  "description": "string (opsional)",
  "category": "string (opsional)",
  "status": "string (opsional)",
  "deadline": "date (opsional)"
}
```

- Response Sukses: 200 ok

json

```
{
  "message": "Project updated successfully!",
  "data": {
    "creator_id": "integer",
    "client_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",
    "status": "string",
    "deadline": "date"
  }
}
```

### 3. Hapus Project

- URL: /project/delete
- Metode: POST
- Autentikasi: Ya (Pemilik portfolio atau admin)
- Body Request:

json

```
{
  "id": "Integer"
}
```

- Response Sukses: 200 ok

json

```
{
  "message": "Project deleted successfully!"
}
```

### 4. Melihat Semua Project

- URL: /project/findAll
- Metode: GET
- Autentikasi: Tidak
- Response Sukses: 200 ok

json

```
[
  {
    "id": "integer",
    "creator_id": "integer",
    "client_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",

```

```
"status": "string",
"deadline": "date",
"created_at": "datetime",
"updated_at": "datetime"
{
]
```

## 5. Mencari Project Berdasarkan id

- URL: /project/findById
- Metode: POST
- Autentikasi: Tidak
- Body Request:

json

```
{
  "id": "Integer"
}
```

- Response Sukses: 200 ok

json

```
[
  {
    "id": "integer",
    "creator_id": "integer",
    "client_id": "integer",
    "title": "string",
    "description": "string",
    "category": "string",
    "status": "string",
    "deadline": "date",
    "created_at": "datetime",
    "updated_at": "datetime"
  }
]
```

## 6. Mencari Project Berdasarkan User Saat Ini

- URL: /project/findByUser
- Metode: POST
- Autentikasi: Ya
- Response Sukses: 200 ok

json

```
{
  "message": "Projects retrieved successfully!",
  "Data": [
    {
      "id": "integer",
```

```
    "creator_id": "integer",  
    "client_id": "integer",  
    "title": "string",  
    "description": "string",  
    "category": "string",  
    "status": "string",  
    "deadline": "date",  
    "created_at": "datetime",  
    "updated_at": "datetime"  
  }  
}
```

