Tugas Besar II3160 Teknologi Sistem Terintegrasi

Dokumentasi Layanan API Digital Kreator

Dibuat oleh

Kelompok 4

18222042   Eldwin Pradipta
18222098   Muhammad Ridho Rabbani

Sistem dan Teknologi Informasi

Sekolah Teknik Elektro dan Informatika

Institut Teknologi Bandung

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Daftar Isi

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

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

4. Profile

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

json

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

Endpoint Porfolio

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

```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

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

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

3. Hapus Portfolio

- ● URL: /portfolio/delete
- ● Metode: 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: POST
- ● Autentikasi: Tidak

● Body Request:

json

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

● Response Sukses: 200 ok

json

```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 Kategori
   ● URL: /portfolio/findByCreator
   ● Metode: POST
   ● Autentikasi: Tidak
   ● Body Request:

json

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

● Response Sukses: 200 ok

json

```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"
}
```

7. Mencari Portfolio Berdasarkan Nama Kreator

- URL: /portfolio/findByCreator
- Metode: 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"
}
```

8. Menyukai Portfolio

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

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

Endpoint Porject

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"
    {
}
```