

challenge-abitmedia-app

Powered by:



Laravel version: 11

Instalación

1. Clonar/descargar el proyecto.

```
git clone https://github.com/RKOrtega94/challenge-abitmedia-app.git
```

2. Generar el key del proyecto

```
php artisan key:generate
```

3. Configurar passport (*El proyecto utiliza passport para la autenticación de usuarios*)

```
php artisan passport:keys
```

y también

```
php artisan passport:client --personal
```

4. Configurar archivo .env

- 4.1. Copiar archivo .env.example

```
cp .env.example .env
```

- 4.2. Reemplazar variables de entorno

```
DB_CONNECTION=YOUR_DB_DRIVER
DB_HOST=YOUR_DB_HOST
DB_PORT=YOUR_DB_PORT
DB_DATABASE=YOUR_DB_DATABASE_NAME
DB_USERNAME=YOUR_DB_USER
DB_PASSWORD=YOUR_DB_PASSWORD
```

5. Iniciar la migracion de la base de datos

Se puede ejecutar solo las migraciones

```
php artisan migrate
```

O se puede ejecutar con los semilleros

```
php artisan migrate --seed
```

Si se requiere limpiar la base de datos y ejecutar las migraciones. se puede agregar `--seed` para ejectar el semillero

```
php artisan migrate:fresh
```

Se sugiere utilizar el comando `php artisan migrate --seed` para tener informacion en la base de datos

Nota: Si al hacer pruebas da error al generar el token, se debe ejecutar el comando `php artisan passport:client --personal` para solucionarlo.

API

Para levantar el api, se debe ejecutar el comado:

```
php artisan serve
```

La ruta la verás en la terminal, similar a:

INFO Server running on [http://127.0.0.1:8000].

AUTENTICACIÓN

LOGIN

Endpoint: `/api/auth/login`

Descripción

Esta ruta permite obtener un token de autenticación del usuario para poder realizar peticiones a rutas seguras.

Parámetros:

```
{
  "email": "test@email.com", // Email del usuario
  "password": "password" // Contraseña del usuario
}
```

```
curl --location 'http://localhost:8000/api/auth/login' \
--header 'Content-Type: application/json' \
--header 'Accept: application/json' \
--data-raw '{
  "email": "test@email.com",
  "password": "password"
}'
```

Response

```
{
  "success": true,
  "message": "Login Success",
  "data": {
    "user": {
      "name": "Test User",
      "email": "test@email.com"
    },
    "token":
"eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9.eyJhdWQiOiI5YjIxMzZC0xMjE1LTQ0NzU0YTF1MS0yYzllYmUwYWE0OTUuIiwiaWF0IjOzOGY5OTVjMGRlODVhM2EyNzdjZWl4YWU5ZDU3OTU0ThiNGU5NjM3MGRhYWVjZWZmYXVlMGM5OTYxYTAWM2JmZjZlZTMxYzh1NjQ1Nzc2NjE2MCI9Im1hdCI6MTcxMDQ3OTc3Mi45NDM4LCJ1eYmYiOiJ3MTA0Nzk3NzIuOTQzODEsImV4cCI6MTc0MjAxNTc3Mi45MjMyNTgsInN1YiI6IjEiLCJzY29wZXMiOiJtdFQ.RZMveNY4QdWsrA0wzGqoFmklGABx0oI_mvYOYohzxlnMlvZ0YkfbppZ0A91BDP0aocGmDmzTaqjExd6okbyk9Pckr9fXnxGYD8dMnsgHqXqMuUFzCogdvSy_qxuIJS0w8GVhtdVxsCaam0DVVy3F41scMV4Xt3dcrTc9jZTGjENec8ZNcY1xs7lpJf2e4sUYhk-LIEc5FkaLr5psn4w_C9HoaGYu-BVJ71V4Enb3w0yYj-J5dYUUsMh9pBJav2Y2wR_Y4XVyM6iiXF6Br3VH6V7-rmgvksaqyi7oEZLSSaNZjurjCyrGS9a1DsP1o12jt65uLt3fvNjcaNLb2xvJLnh9zh1TUp1veQtX58qKihLHEZuxm0JhhNUtOV-wHCJ_hRNQFvyEeQeB5wEYKycNLe4S5UY9s8pkRX6p9aw0Duu_KPZByBhFB7oKpBjw66ghZGReLoPCb81ouIQoL20y2qXPCNh9QsBGhIbcWqnjsZ_ip06qqVVHtE_bzjohi4-0S1ZlNwWnQ11ZLrfiOowMFlsn1BilIxWofy4R-wq2hvg6AhivNmQ-7Qar1VF3VZI3PeXEVTcMc3HAAv18tawronj0wS9nT4Y9KpVME26dMfcB0w5Bv32GYce5C5cZHVas1vfu20OSHq-FNtkH0qbliU7teQ0aflvWcSocig70Ms"
```

```
}  
}
```

El token se utilizará en proximas peticiones

API DE SERVICIOS

GET ALL

Endpoint: `/api/services`

```
curl --location 'http://localhost:8000/api/services' \  
--header 'Accept: application/json' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{  
  "success": true,  
  "message": "Services retrieved successfully",  
  "data": [  
    {  
      "id": 1,  
      "sku": "23c4516e4e",  
      "name": "Formateo de computadores",  
      "description": "Formateo de computadores",  
      "price": "25.00",  
      "created_at": "2024-03-15T20:06:44.000000Z",  
      "updated_at": "2024-03-15T20:06:44.000000Z"  
    },  
    {  
      "id": 2,  
      "sku": "9dbd177487",  
      "name": "Mantenimiento",  
      "description": "Mantenimiento de computadores",  
      "price": "30.00",  
      "created_at": "2024-03-15T20:06:44.000000Z",  
      "updated_at": "2024-03-15T20:06:44.000000Z"  
    },  
    {  
      "id": 3,  
      "sku": "d464ec5b23",  
      "name": "Hora de soporte en software",  
      "description": "Hora de soporte en software",  
      "price": "50.00",  
      "created_at": "2024-03-15T20:06:44.000000Z",  
      "updated_at": "2024-03-15T20:06:44.000000Z"  
    }  
  ]  
}
```

```
]
}
```

Se puede utilizar `query params` para filtrar los datos:

Ejemplo: `/api/services?name=soporte`

```
curl --location 'http://localhost:8000/api/services?name=soporte' \
--header 'Accept: application/json' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{
  "success": true,
  "message": "Services retrieved successfully",
  "data": [
    {
      "id": 3,
      "sku": "d464ec5b23",
      "name": "Hora de soporte en software",
      "description": "Hora de soporte en software",
      "price": "50.00",
      "created_at": "2024-03-15T20:06:44.000000Z",
      "updated_at": "2024-03-15T20:06:44.000000Z"
    }
  ]
}
```

GET BY ID

Endpoint: `/api/services/{id}`

```
curl --location 'http://localhost:8000/api/services/1' \
--header 'Accept: application/json' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{
  "success": true,
  "message": "Service retrieved successfully",
  "data": {
    "id": 1,
    "sku": "23c4516e4e",

```

```
    "name": "Formateo de computadores",
    "description": "Formateo de computadores",
    "price": "25.00",
    "created_at": "2024-03-15T20:06:44.000000Z",
    "updated_at": "2024-03-15T20:06:44.000000Z"
  }
}
```

CREATE

Endpoint: `/api/services`

```
curl --location 'http://localhost:8000/api/services' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}' \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{
  "sku": "abcd123459",
  "name": "Mantenimiento de impresoras",
  "description": "Servicio de mantenimiento de impresoras",
  "price": 15
}'
```

Respuesta:

```
{
  "success": true,
  "message": "Service created successfully",
  "data": {
    "sku": "abcd123459",
    "name": "Mantenimiento de impresoras",
    "description": "Servicio de mantenimiento de impresoras",
    "price": 15,
    "updated_at": "2024-03-15T21:44:20.000000Z",
    "created_at": "2024-03-15T21:44:20.000000Z",
    "id": 5
  }
}
```

UPDATE

Endpoint: `/api/services/{id}`

```
curl --location --request PUT 'http://localhost:8000/api/services/5' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}' \
--header 'Accept: application/json' \
```

```
--header 'Content-Type: application/json' \  
--data '{  
  "sku": "abcd123459",  
  "name": "Servicio de mantenimiento de impresoras térmicas",  
  "description": "Servicio de mantenimiento de impresoras termicas.",  
  "price": 35  
'
```

Respuesta:

```
{  
  "success": true,  
  "message": "Service updated successfully",  
  "data": {  
    "id": 5,  
    "sku": "abcd123459",  
    "name": "Servicio de mantenimiento de impresoras térmicas",  
    "description": "Servicio de mantenimiento de impresoras termicas.",  
    "price": 35,  
    "created_at": "2024-03-15T21:44:20.000000Z",  
    "updated_at": "2024-03-15T21:48:58.000000Z"  
  }  
}
```

DELETE

```
curl --location --request DELETE 'http://localhost:8000/api/services/5' \  
--header 'Accept: application/json' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{  
  "success": true,  
  "message": "Service deleted successfully",  
  "data": []  
}
```

API DE PRODUCTOS

GET ALL

Endpoint: `/api/products`

```
curl --location 'http://localhost:8000/api/products' \
--header 'Accept: application/json' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{
  "success": true,
  "message": "Products retrieved successfully",
  "data": [
    {
      "id": 1,
      "sku": "6fcf192a89",
      "name": "Antivirus",
      "description": "Antivirus software",
      "windows_price": "5.00",
      "mac_price": "7.00",
      "stock": {
        "windows": 10,
        "mac": 10
      }
    },
    {
      "id": 2,
      "sku": "5c590f425f",
      "name": "Ofimática",
      "description": "Software de ofimática",
      "windows_price": "10.00",
      "mac_price": "12.00",
      "stock": {
        "windows": 20,
        "mac": 20
      }
    },
    {
      "id": 3,
      "sku": "b3bf051aa1",
      "name": "Editor de video",
      "description": "Software de edición de video",
      "windows_price": "20.00",
      "mac_price": "22.00",
      "stock": {
        "windows": 30,
        "mac": 30
      }
    }
  ]
}
```

Se puede utilizar `query params` para filtrar los datos:

Ejemplo: `/api/products?name=soporte`

```
curl --location 'http://localhost:8000/api/products?name=antivirus' \  
--header 'Accept: application/json' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{  
  "success": true,  
  "message": "Products retrieved successfully",  
  "data": [  
    {  
      "id": 1,  
      "sku": "6fcf192a89",  
      "name": "Antivirus",  
      "description": "Antivirus software",  
      "windows_price": "5.00",  
      "mac_price": "7.00",  
      "stock": {  
        "windows": 10,  
        "mac": 10  
      }  
    }  
  ]  
}
```

GET BY ID

Endpoint: `/api/products/{id}`

```
curl --location 'http://localhost:8000/api/products/1' \  
--header 'Accept: application/json' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Respuesta:

```
{  
  "success": true,  
  "message": "Product retrieved successfully",  
  "data": {  
    "id": 1,  
    "sku": "6fcf192a89",  
    "name": "Antivirus",  
    "description": "Antivirus software",  
    "windows_price": "5.00",  
    "mac_price": "7.00",  
    "stock": {  
      "windows": 10,  
      "mac": 10  
    }  
  }  
}
```

```
    "mac_price": "7.00",
    "stock": {
      "windows": 10,
      "mac": 10
    }
  }
}
```

CREATE

Endpoint: `/api/products`

```
curl --location 'http://localhost:8000/api/products' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}' \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{
  "sku": "abcd678901",
  "name": "Edición de fotografía",
  "description": "Software de edición de fotografía",
  "windows_price": 35,
  "mac_price": 40
}'
```

Respuesta:

```
{
  "success": true,
  "message": "Product created successfully",
  "data": {
    "sku": "abcd678901",
    "name": "Edición de fotografía",
    "description": "Software de edición de fotografía",
    "windows_price": 35,
    "mac_price": 40,
    "updated_at": "2024-03-15T22:07:22.000000Z",
    "created_at": "2024-03-15T22:07:22.000000Z",
    "id": 4
  }
}
```

UPDATE

Endpoint: `/api/products/{id}`

```
curl --location --request PUT 'http://localhost:8000/api/products/4' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}' \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{
  "sku": "abcd123458",
  "name": "Adobe Ilustrator",
  "description": "Software de edición de fotografía",
  "windows_price": 40,
  "mac_price": 45
}'
```

```
{
  "success": true,
  "message": "Product updated successfully",
  "data": {
    "id": 4,
    "sku": "abcd123458",
    "name": "Adobe Ilustrator",
    "description": "Software de edición de fotografía",
    "windows_price": 40,
    "mac_price": 45,
    "created_at": "2024-03-15T22:07:22.000000Z",
    "updated_at": "2024-03-15T22:11:04.000000Z"
  }
}
```

DELETE

Endpoint: `/api/products/{id}`

```
curl --location --request DELETE 'http://localhost:8000/api/products/4' \
--header 'Accept: application/json' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Response:

```
{
  "success": true,
  "message": "Product deleted successfully",
  "data": []
}
```

API DE LICENCIAS

GET ALL

Endpoint: `/api/licenses`

```
curl --location 'http://localhost:8000/api/licenses' \  
--header 'Accept: application/json' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Response:

```
{  
  "success": true,  
  "message": "Licenses retrieved successfully",  
  "data": [  
    {  
      "product": "Antivirus",  
      "serial":  
"a587bbdd370ed7077ab5af4adc9fd079aa129241fd0caa8caf53da3fb91a39ff1d3a398fda1a06e1b  
4ce11605dbeb8672c49",  
      "platform": "windows",  
      "status": "sold",  
      "price": "5.00"  
    },  
    {  
      "product": "Antivirus",  
      "serial":  
"30a2a9ca4f783127d52f040939cf5ea3411280743d850702b26d513b6f53b17c5c28f2f277c5317cf  
2ce149084d7fc92287a",  
      "platform": "windows",  
      "status": "active",  
      "price": "5.00"  
    },  
    {  
      "product": "Antivirus",  
      "serial":  
"6c9732126df7818c26fb31025d7891aeb79e41c94e63e6ff5cfbb15179b80adb9fdf6a2589281642f  
cf88777ca37e8765c6f",  
      "platform": "windows",  
      "status": "active",  
      "price": "5.00"  
    },  
    {  
      "product": "Antivirus",  
      "serial":  
"983748d7be6a0af1aa40ff2bd3626efd27381a9e473d9a81defba37b03da262580cc07de6a55a0067  
a0837785f7af0dcf61c",  
      "platform": "windows",  
      "status": "active",  
      "price": "5.00"  
    }  
  ],  
}
```

```
{
  "product": "Antivirus",
  "serial":
  "868db0afd57e808fb2e59b4f0db23f704065451c1e5678857e55d855035d1ac6ac8b516b025e2e9cb
  74157282855aed92db2",
  "platform": "windows",
  "status": "active",
  "price": "5.00"
},
{
  "product": "Editor de video",
  "serial":
  "96346e67bb6026737bc0dd6623bd7948c80b851e8bc0a464d1d84d52986ba4fe4e5448ab31ca85973
  66b2176788bde54067c",
  "platform": "mac",
  "status": "active",
  "price": "22.00"
}
]
```

Se puede utilizar `query params` para filtrar los datos:

Ejemplo `/api/licenses?product=antivirus`

```
curl --location 'http://localhost:8000/api/licenses?platform=mac' \
--header 'Accept: application/json' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

```
{
  "success": true,
  "message": "Licenses retrieved successfully",
  "data": [
    {
      "product": "Editor de video",
      "serial":
      "96346e67bb6026737bc0dd6623bd7948c80b851e8bc0a464d1d84d52986ba4fe4e5448ab31ca85973
      66b2176788bde54067c",
      "platform": "mac",
      "status": "active",
      "price": "22.00"
    }
  ]
}
```

GET BY ID

Endpoint: `/api/licenses/{id}`

```
curl --location 'http://localhost:8000/api/licenses/1' \
--header 'Accept: application/json' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Response:

```
{
  "success": true,
  "message": "License retrieved successfully",
  "data": {
    "product": "Antivirus",
    "serial":
"a587bbdd370ed7077ab5af4adc9fd079aa129241fd0caa8caf53da3fb91a39ff1d3a398fda1a06e1b
4ce11605dbeb8672c49",
    "platform": "windows",
    "status": "sold",
    "price": "5.00"
  }
}
```

CREATE

Endpoint: `/api/licenses`

```
curl --location 'http://localhost:8000/api/licenses' \
--header 'Authorization: Bearer {{ AUTH_TOKEN }}' \
--header 'Accept: application/json' \
--header 'Content-Type: application/json' \
--data '{
  "product_id": 1,
  "platform": "windows"
}'
```

Response:

``JSON

```
{
  "success": true,
  "message": "License created successfully",
  "data": {
    "product": "Antivirus",
    "serial":
"436d84590f9e82342cbc091ebc6393c90bf211778880af5e369325af11f2f9e32097bf8b6eed29855
4174b26a5720ee9fae8",
    "platform": "windows",

```

```
    "status": "active",  
    "price": "5.00"  
  }  
}
```

El serial se genera automáticamente.

UPDATE

Endpoint: `/api/licenses/{id}`

```
curl --location --request PUT 'http://localhost:8000/api/licenses/4' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}' \  
--header 'Accept: application/json' \  
--header 'Content-Type: application/json' \  
--data '{  
    "status": "sold"  
}'
```

Response:

```
{  
  "success": true,  
  "message": "License updated successfully",  
  "data": {  
    "product": "Antivirus",  
    "serial":  
"983748d7be6a0af1aa40ff2bd3626efd27381a9e473d9a81defba37b03da262580cc07de6a55a0067  
a0837785f7af0dcf61c",  
    "platform": "windows",  
    "status": "sold",  
    "price": "5.00"  
  }  
}
```

DELETE

Endpoint: `/api/licenses/{id}`

```
curl --location --request DELETE 'http://localhost:8000/api/licenses/4' \  
--header 'Accept: application/json' \  
--header 'Authorization: Bearer {{ AUTH_TOKEN }}'
```

Response:

```
{  
  "success": true,  
  "message": "License deleted successfully",  
  "data": []  
}
```

CONFIGURACION DE POSTMAN (TESTING)

<https://www.postman.com/lunar-trinity-627143/workspace/challenge-abitmedia-app>

Para utilizar postman es necesatio instalarlo <https://www.postman.com/downloads/>

Para hacer consultas a las rutas protegidas se debe ejecutar primero el endpoint **login** para obtener el token y reemplazarlo en las variables de las colecciones.