



MERN stack + JWT + REDUX

≡ 한 줄 소개	Backend : MERN stack + JWT Database : MongoDB Frontend : Redux CRUD구현
📅 진행 기간	@2022/11/01 → 2022/12/01
⋮ Skills & Libraries	<div>Mongodb</div> <div>Node.js</div> <div>React</div> <div>express</div>
🔗 Github	https://github.com/WilliyWonka/RESTfulAPI.git

Login

Login and start setting goals

tim@gmail.com



Enter password



Submit

Dashboard



REST API 를 만들어
MERN stack 을 독학 해봤습니다.

Front 는 간단한 redux toolkit 셋업하여 로그인과 회원가입 로그아웃 페이지 구현 해보았습니다.

Backend + Frontend CRUD 구현

▼ Create GET

<http://localhost:5000/api/users/me> : 회원조회 @Access Private

<http://localhost:5000/api/goals> : Goal조회@Access Private

▼ Read POST

<http://localhost:5000/api/login> : Login @Access Public

<http://localhost:5000/api/users> : Register @Access Public

<http://localhost:5000/api/goals> : Goal 추가@Access Private

▼ Update PATCH

<http://localhost:5000/api/goals> : Goal @Access Private

<http://localhost:5000/api/users/me> : 회원수정 @Access Private

▼ Delete DELETE

<http://localhost:5000/api/users/me/id> : 회원삭제 @Access Private

<http://localhost:5000/api/goals/id> : Goal 삭제@Access Private

기술 스택

- MongoDB
- Express
- React
- Node.js

기능 구현

- Node.js 를 이용한 backend, frontend 서버분리
- Jason Web Token 을 추가하여 보안 레벨 올림
- Redux setup 후 로그인및 회원가입 페이지 작성

CRUD View

Register : api/users

GET http POST htt POST htt GET http > + ... No Environment

http://localhost:5000/api/users Save

POST http://localhost:5000/api/users Send

Params Auth Headers (10) Body Pre-req. Tests Settings Co

x-www-form-urlencoded

	KEY	VALUE	DESCRIPTION	...	B
<input checked="" type="checkbox"/>	name	Lina Park			
<input checked="" type="checkbox"/>	email	linapark@naver.com			
<input checked="" type="checkbox"/>	password	123456			
	Key	Value	Description		

Body 201 Created 291 ms 506 B Save Respo

Pretty Raw Preview Visualize JSON

```

1 {
2   "_id": "639a761fe869346b41f8e265",
3   "name": "Lina Park",
4   "email": "linapark@naver.com",
5   "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYzOWE3NjFmZTg2OTM0Nm",
6 }
```

Login : api/users/login

http://localhost:5000/api/users/login Save

POST http://localhost:5000/api/users/login Send

Params Auth Headers (10) **Body** Pre-req. Tests Settings

x-www-form-urlencoded

	KEY	VALUE	DESCRIPTION	...	
<input checked="" type="checkbox"/>	email	linapark@naver.com			
<input checked="" type="checkbox"/>	password	123456			
	Key	Value	Description		

Body 200 OK 104 ms 501 B Save Resp

Pretty Raw Preview Visualize **JSON**

```

1  {
2    "_id": "639a761fe869346b41f8e265",
3    "name": "Lina Park",
4    "email": "linapark@naver.com",
5    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJpZCI6IjYzOWE3NjFmZTg2OTM0Nm",
6  }

```

Search: api/users/me

http://localhost:5000/api/users/me

Save

GET http://localhost:5000/api/users/me Send

Params Auth Headers (8) Body Pre-req. Tests Settings

Type

Bearer Token

The authorization header will be automatically generated when you send the request. Learn more about [authorization](#)

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about [variables](#)

Token

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpzZW50L3N1bWU6PS0tMTYzOTU0MjY2ZjNSImlhdCI6MTUzOTU0MjY2ZjNSIn0=
```

Body

200 OK 47 ms 316 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "id": "638fe032176e8b38136674c5",
3   "name": "Jhon kim",
4   "email": "numberhwg@naver.com"
5 }
```

Delete: api/goals/id

Overview POST http POST http POST http GET http No Environment

http://localhost:5000/api/goals/639a7a62e869346b41f8e273 Save

DELETE http://localhost:5000/api/goals/639a7a62e869346b41f8e273 Send

Params Auth Headers (8) Body Pre-req. Tests Settings

x-www-form-urlencoded

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body 200 OK 45 ms 268 B Save Response

Pretty Raw Preview Visualize JSON

```

1 {
2   "id": "639a7a62e869346b41f8e273"
3 }

```

Login Page

Login

Login and start setting goals



Submit

Register Page

Register

Please create an account



Submit