Free tier setup guide

01/04/2026 02:06:20

i have createed my account on mongodb atlas now i have want to deplo...

✅ **STEP 1 — Create Your Production Cluster**...

now they are asking cluster name what is cluster what is the purpose to...

now i have pas that stage right now I am on connect to cluster stage gui...

Connect to Cluster0 Set up connection security 2 Choose a connection...

import { Module } from '@nestjs/common'; import { UserModule } from...

now cluster have created what to do next

my project is running and task is also being saved in db now how do i se...

i haven't created any database but still data is being saved how and...

mongodb.net/?appName=Cluster0 my string end with this

so finally i have deployed my db on mongo db atlas now what i the bene...

✅ PHASE 3 — Setup AWS Networking (VPC + Subnets) Because you wa...

VPC settings Resources to create Info Create only the VPC resource or th...

There was an error creating your VPC You are not authorized to perform...

i am doing this project on aws canvas lab

in vpcs section there is also another vpc other than default lab named...

so i will be using default vpc so now is there any need of creating any...

also tell me if i want to create privat subnet and internet gateway can i...

Create key pair Key pair name Key pairs allow you to connect to your...

while creating EC2 instance which subnet i seleect and zone also and...

lets start again i have created vpc what next

why i donot need to create private subnet ? and don't jump directly in ne...

right now yes i am doing on aws canvas but there is no restriction i have...

further on this project there will auto scaling and load balancing and also...

no i want full FULL production-grade architecture to implement 2/2

* Public Subnet A → `10.0.1.0/24` * Private Subnet A → `10.0.11.0/24` w...

10.0.1.0 → public AZ1 10.0.2.0 → public AZ2 10.0.11.0 → private AZ1...

now i am on these stages i have done creating vpc , 4 subnet 2 route ta…

Step 3 — SSH into EC2 ======================== ba…

do i have to do this using my own terminal or powershell or what about…

EC2 Instance Connect (Browser-Based) Instance is not in public subnet…

guide me step by step how do i ssh using terminal

tell me how to ssh through terminal

ssh: connect to host 3.91.197.73 port 22: Connection timed out what do…

there was many issue with private subnet so i have created new EC2…

yes i am using ubuntu#

my project is task management system frontend is on next js backend is…

what to run next right now i have just run 2 commands sudo apt update …

📌 STOP HERE and reply to me with:…

git clone <your_backend_repo_url> backend can we add my project…

do i have to write this also an why?

\> backend do i have to write this 'backend' also an why?

bur i have created backend folder then how it will create?

ubuntu@ip-10-0-1-52:~/task-management$ git clone…

Run: bash Copy code `pm2 start dist/main.js --name backend` ubuntu@i…

ubuntu@ip-10-0-1-52:~/task-management/backend$ curl…

import { NestFactory } from '@nestjs/core'; import { AppModule } from…

* * * **Next check** ============== You can confirm by running …

ubuntu@ip-10-0-1-52:~/task-management/backend$ pm2 ls…

ubuntu@ip-10-0-1-52:~/task-management/backend$ sudo lsof -i -P -n |…

0|backend | [Nest] 13856 - 12/22/2025, 3:35:05 PM ERROR…

curl http://localhost:4000 {"message":"Cannot GET /","error":"Not…

Next Step ============ Now we can move to **Next.js…

how to delete folder from the server after i have clone it

ubuntu@ip-10-0-1-52:~/task-management$ ls backend frontend i want t…

what does rf mean

ubuntu@ip-10-0-1-52:~/task-management/frontend$ npm run build >…

just tell me where to make changes

what if i share you my all code you tell me where to remove what

"use client"; import { useState } from "react"; import Cookies from "js-...

is it possible that my backend server is runnig on ec2 server and i clone...

ubuntu@ip-10-0-1-52:~/task-management/frontend$ npm run build >...

what else solution is there to solve this

is ther any way that build become successfull by using force

ubuntu@ip-10-0-1-52:~/task-management/frontend$ npm run built --no-...

is there any way that i make changes inside ec2 instance server

ubuntu@ip-10-0-1-52:~/task-management$ ls backend frontend...

ubuntu@ip-10-0-1-52:~/task-management/backend$ pm2 start main...

i have implemented swagger in my backend now how do i open in...

i have createed my account on mongodb atlas
now i have want to deploy my db on mongodb atlas for production how can do that

there was a project name project 0
on which i click there a screen open deploy cluster
now i want free tier but there is no free tier option there are 3 option M30 , M10 and flex
Deploy your cluster
Use a template below or set up advanced configuration options. You can also edit these configuration options once the cluster is created.

M30
$0.51/hour
Dedicated cluster for high-traffic applications and large datasets.

STORAGE
40 GB
RAM
8 GB
vCPU
2 vCPUs

M10
$0.08/hour
Dedicated cluster for development environments and low-traffic applications.

STORAGE
10 GB
RAM
2 GB
vCPU
2 vCPUs

Flex
From $0.011/hour

Up to $30/month
For development and testing, with on-demand burst capacity for unpredictable traffic.

STORAGE
5 GB
RAM
Shared
vCPU
Shared i want free one as it is small project and uni project

now they are asking cluster name
what is cluster what is the purpose to use it and where
we use it

now i have pas that stage right now I am on connect to cluster stage guide me all step wha to do and what to select

Connect to Cluster0
Set up connection security
2
Choose a connection method
3
Connect
Connect to your application

icon
Drivers
Access your Atlas data using MongoDB's native drivers (e.g. Node.js, Go, etc.)
Access your data through tools

icon
Compass
Explore, modify, and visualize your data with MongoDB's GUI

icon
Shell
Quickly add & update data using MongoDB's Javascript command-line interface

icon
MongoDB for VS Code
Work with your data in MongoDB directly from your VS Code environment

icon
Atlas SQL
Easily connect SQL tools to Atlas for data analysis and visualization
  what to do here

```
import { Module } from '@nestjs/common';
import { UserModule } from './user/user.module';
import { MongooseModule } from '@nestjs/mongoose';
import { ConfigModule, ConfigService } from
'@nestjs/config';
import { JwtModule } from '@nestjs/jwt';
import { TaskModule } from './task/task.module';
import { CommentsModule } from
'./comments/comments.module';
import { ServeStaticModule } from '@nestjs/serve-
static';
import { join } from 'path';

@Module({
  imports: [
    ConfigModule.forRoot({ isGlobal: true }),
    JwtModule.registerAsync({
      global: true,
      imports: [ConfigModule],
      inject: [ConfigService],
      useFactory: async (configService: ConfigService) =>
({
        secret: configService.get<string>('SECRET_KEY'),
        signOptions: { expiresIn: '24h' },
      }),
    }),
    UserModule,

MongooseModule.forRoot(process.env.DATABASE_URL!,
{}),
    TaskModule,
    ServeStaticModule.forRoot({
      rootPath: join(process.cwd(), 'uploads'),
      serveRoot: '/uploads',
    }),
    CommentsModule,
  ],
  controllers: [],
  providers: [],
```

```
})
export class AppModule {}
```

this how i have connected my db in my project is it ok?

now cluster have created what to do next

my project is running and task is also being saved in db now how do i see check data saved in db in atlas

i haven't created any database but still data is being saved how and where

mongodb.net/?appName=Cluster0
my string end with this

so finally i have deployed my db on mongo db atlas
now what i the benefit of this

✅ PHASE 3 — Setup AWS Networking (VPC + Subnets)

Because you want full professional architecture:

Step 5: Create Custom VPC

Inside AWS VPC service:

/16 CIDR block recommended 10.0.0.0/16

Step 6: Create Two Subnets

2 public subnets (different AZ)

2 private subnets (different AZ)

Step 7: Internet Gateway + Route Tables

Attach IGW to public subnet

Route private subnet traffic through NAT

Now your AWS architecture foundation is ready.
now on this phase so guide me in detail how to do this
and what additional things i do for strong foundation or
this is enough

VPC settings
Resources to create
Info
Create only the VPC resource or the VPC and other
networking resources.
VPC only
 which option is better

There was an error creating your VPC
You are not authorized to perform this operation. User:
arn:aws:sts::840038091750:assumed-
role/voclabs/user4628169=abdullahqureshionline@gmai
l.com is not authorized to perform: ec2:CreateVpc on
resource: arn:aws:ec2:us-east-1:840038091750:vpc/*
because no identity-based policy allows the
ec2:CreateVpc action. Encoded authorization failure
message: rWqzn1uf52imXhK0KiEvwhmt0LrMNWsa59-
j4kc98mkmXLkwdxc7k9hgFmEGQZKLzFbNF7MFUmiFqZf
v4E-
HNft6psPQ7ta0my78YBsKBHjoGZBDC_L83UMSvYKzz3qU
yhB1s6K314Z78xksEZIBpdqWetk9nACIzPTEin2CoxPZvfd
saV1TO6L8X7lV1kqIHVngW-
qd2pPeJlPsEbK68NTkTglept63ezeISNbqU3IQ0MUBrzEZ4e
hsAJ-9DwwxqFzbmsy10xwtK3-tJ1_7NHU--
_i5CSjNOO6nYlHMRggMoYYYH4ctUkyv2MaVYTsSEkgaBH
1dbWbTAJ2ThrIwrzYMIpGHbMFc74MhK3oMJp09yTrPMWv-
PaksrlRxd2ptgbioZGm-wAxuiARwh5wbl6rMHnuTVhcOxr-
IT5JBzDh7bFtsax52o--_6iziqKdRXVjxCv-
a9R2BLb5teoA8NHXz6zNaj84EFFjsCW-
urSSVSv5mYk5uShekaeh3FB4RbdG5SrtOsxtwvOLB4v84
BoPPwpN1sCrXfKmXIAkJ1yRbRdF39FGRH4-
dSGPeH3bsUCjYahEU2OU
when i create vpc it is showing me this error

i am doing this project on aws canvas lab

in vpcs section there is also another vpc other than default lab named LabVPC
what you suggest should i use that vpc or default

so i will be using default vpc
so now is there any need of creating any subnet private
or public Internet Gateway Route Tables?

also tell me if i want to create privat subnet and internet gateway can i create in default

Create key pair

Key pair name
Key pairs allow you to connect to your instance securely.
TaskManagement
The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.
Key pair type
RSA
RSA encrypted private and public key pair
ED25519
ED25519 encrypted private and public key pair
Private key file format
.pem
For use with OpenSSH
.ppk
For use with PuTTY
while option i select for key pair type and format

while creating EC2 instance which subnet i seleect and zone also and these also
Network settings Info
VPC - required
 Info

vpc-0e4ddded40cd21636
(default)
172.31.0.0/16

Subnet
 Info

No preference

Create new subnet
Availability Zone
 Info

No preference

Enable additional zones
Auto-assign public IP
 Info

Enable
Additional charges apply when outside of free tier allowance
Firewall (security groups)
 Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Security group name - required
launch-wizard-1
This security group will be added to all network interfaces. The name can't be edited after the security

group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*

Description - required
 Info
launch-wizard-1 created 2025-12-21T14:14:13.830Z
Inbound Security Group Rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type
 Info

ssh
Protocol
 Info
TCP
Port range
 Info
22
Source type
 Info

Anywhere
Source
 Info
0.0.0.0/0

Description - optional
 Info
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Add security group rule
Configure storage Info
Advanced
1x
8
GiB

gp3
Root volume,
3000 IOPS,
Not encrypted
Free tier eligible customers can get up to 30 GB of EBS
General Purpose (SSD) or Magnetic storage

Add new volume
The selected AMI contains instance store volumes,
however the instance does not allow any instance store
volumes. None of the instance store volumes from the
AMI will be accessible from the instance
Click refresh to view backup information
The tags that you assign determine whether the
instance will be backed up by any Data Lifecycle
Manager policies.

0 x File systems guide which to select

lets start again
i have created vpc
what next

why i donot need to create private subnet ?
and don't jump directly in next step first complete one
step in detail then move next

right now yes i am doing on aws canvas
but there is no restriction i have to do deployment like in
production
my database is in mongodb atlas
and my frontend and backend both will be deployed on
same ec2 instance

further on this project there will auto scaling and load balancing
and also isn't there should be 2 subnet public in different zones
and why we aren't creating private subnet
i think there is need of private subnet and nat all those things

no
i want full FULL production-grade architecture to implement

why we have selected 10.0.1.0/24 in public
2 thing why it isn't /16 ,and we are using 24 why
and in private subnet 10.0.11.0/24
why we are writing 11 but in public we were using 1 also
can we use 2 instead of 11?

10.0.1.0 → public AZ1 10.0.2.0 → public AZ2 10.0.11.0 → private AZ1 10.0.12.0 → private
AZ2

i am just confused why for public we use lower number
and for private ew use higher number like 11 12?

now i am on these stages i have done creating vpc , 4 subnet 2 route table , IGW and nat
before moving into load balancer and all those things there is slight difference that is i want to deploy both frontend and backend on same ec2 instance then i will be connecting through the nginx so guide me each step how to do this andalso guide me what can i do to make deployment good

Step 3 — SSH into EC2 ========================= bash Copy code `ssh -i "TaskManagement.pem" ec2-user@<EC2_PUBLIC_IP>` > Replace `<EC2_PUBLIC_IP>` with the EC2 public IP.

can you guide me from where and how do i do this?

do i have to do this using my own terminal or powershell or what about connect option where instance are listed when click on it there are 4 option Connect Info Connect to an instance using the browser-based client.

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console

Instance is not in public subnet
Associated subnet subnet-0c25721c4d90865fb (Private Subnet A) is not a public subnet.
To use EC2 Instance Connect, your instance must be in a public subnet. To make the subnet a public subnet, add a route in the subnet route table to an internet gateway.
this error it is showing

guide me step by step how do i ssh using terminal

tell me how to ssh through terminal

ssh: connect to host 3.91.197.73 port 22: Connection timed out what does this error mean

there was many issue with private subnet
so i have created new EC2 instance in public subnet
🚀 and i have ssh into it what to do next

yes i am using ubuntu#

my project is task management system
frontend is on next js
backend is on nest js

what to run next
right now i have just run 2 commands
sudo apt update -y
sudo apt upgrade -y
now tell me what else commands i have to run all those
but in sequence also tell me why we are running those
what is the purpose of them

Node version: v20.19.6
npm version: 10.8.2
Git version: git version 2.43.0
PM2 version: 6.0.14

can we add my project from my laptop
and also tell while uploading to the server do we have to
delete node modules?

do i have to write this also an why?

do i have to write this 'backend' also an why?

bur i have created backend folder then how it will create?

ubuntu@ip-10-0-1-52:~/task-management$ git clone
https://github.com/Abdullah-Qureshi-404/Task-
Management-Backend-.git backend
Cloning into 'backend'...
Username for 'https://github.com': Abdullah-Qureshi-404
Password for 'https://Abdullah-Qureshi-
404@github.com':
remote: Invalid username or token. Password
authentication is not supported for Git operations.
fatal: Authentication failed for
'https://github.com/Abdullah-Qureshi-404/Task-
Management-Backend-.git/'
why?

```
ubuntu@ip-10-0-1-52:~/task-management/backend$
pm2 start dist/main.js --name backend
[PM2] Starting /home/ubuntu/task-
management/backend/dist/main.js in fork_mode (1
instance)
[PM2] Done.
┌────┬──────────────┬─────────┬───┬─────────┬───────┐
│ id │ name         │ mode    │ ↺ │ status  │ cpu
│ memory   │
├────┼──────────────┼─────────┼───┼─────────┼───────┤
│ 0  │ backend      │ fork    │ 0 │ online  │ 0%
│ 36.9mb   │
```

ubuntu@ip-10-0-1-52:~/task-management/backend$
curl http://localhost:3000
curl: (7) Failed to connect to localhost port 3000 after 0
ms: Couldn't connect to server

```
import { NestFactory } from '@nestjs/core';
import { AppModule } from './app.module';
import { DocumentBuilder, SwaggerModule } from
'@nestjs/swagger';
import { ValidationPipe } from '@nestjs/common';

async function bootstrap() {
  const app = await NestFactory.create(AppModule);

  const config = new DocumentBuilder()
    .setTitle('Task Management System')
    .setDescription('Task Management APIs')
    .setVersion('1.0')
    .addBearerAuth(
      { type: 'http', scheme: 'bearer', bearerFormat: 'JWT'
},
      'access-token',
    )
    .build();

  const documentFactory = () =>
SwaggerModule.createDocument(app, config);
  SwaggerModule.setup('api', app, documentFactory);

  app.useGlobalPipes(
    new ValidationPipe({
      whitelist: true,
      forbidNonWhitelisted: true,
      transform: true,
    }),
  );
  app.enableCors({
    origin: 'http://localhost:3001',
    methods: 'GET,HEAD,PUT,PATCH,POST,DELETE',
    credentials: true,
  });
  await app.listen(process.env.PORT ?? 3000);
}
bootstrap();
```

i haven't defined port in env
so tell me on ehich port backend is running

ubuntu@ip-10-0-1-52:~/task-management/backend$
curl http://localhost:4000
curl: (7) Failed to connect to localhost port 4000 after 0
ms: Couldn't connect to server
i have done all these steps

ubuntu@ip-10-0-1-52:~/task-management/backend$
pm2 ls

id	name	mode	↺	status	cpu	memory
0	backend	fork	2	online	0%	99.0mb

```
ubuntu@ip-10-0-1-52:~/task-management/backend$
sudo lsof -i -P -n | grep LISTEN
systemd      1        root 234u IPv4  5422     0t0  TCP
*:22 (LISTEN)
systemd      1        root 235u IPv6  5424     0t0  TCP
*:22 (LISTEN)
systemd-r  4029 systemd-resolve   15u  IPv4 16782
0t0  TCP 127.0.0.53:53 (LISTEN)
systemd-r  4029 systemd-resolve   17u  IPv4 16784
0t0  TCP 127.0.0.54:53 (LISTEN)
sshd    12482        root   3u IPv4  5422     0t0  TCP
*:22 (LISTEN)
sshd    12482        root   4u IPv6  5424     0t0  TCP
*:22 (LISTEN)
```

0|backend |[Nest] 13856 - 12/22/2025, 3:35:05 PM ERROR [MongooseModule] Unable to connect to the database. Retrying (1)...
0|backend | MongooseServerSelectionError: Could not connect to any servers in your MongoDB Atlas cluster. One common reason is that you're trying to access the database from an IP that isn't whitelisted. Make sure your current IP address is on your Atlas cluster's IP whitelist: https://www.mongodb.com/docs/atlas/security-whitelist/
0|backend | at _handleConnectionErrors (/home/ubuntu/task-management/backend/node_modules/mongoose/lib/connection.js:1165:11)
0|backend | at NativeConnection.asPromise (/home/ubuntu/task-management/backend/node_modules/mongoose/lib/connection.js:1635:11)
0|backend | at /home/ubuntu/task-management/backend/node_modules/@nestjs/mongoose/lib/mongoose-core.module.ts:70:15
0|backend |[Nest] 13856 - 12/22/2025, 3:35:38 PM ERROR [MongooseModule] Unable to connect to the database. Retrying (2)...
0|backend | MongooseServerSelectionError: Could not connect to any servers in your MongoDB Atlas cluster. One common reason is that you're trying to access the database from an IP that isn't whitelisted. Make sure your current IP address is on your Atlas cluster's IP whitelist: https://www.mongodb.com/docs/atlas/security-whitelist/
0|backend | at _handleConnectionErrors (/home/ubuntu/task-management/backend/node_modules/mongoose/lib/connection.js:1165:11)
0|backend | at NativeConnection.asPromise (/home/ubuntu/task-management/backend/node_modules/mongoose/lib/connection.js:1635:11)

```
0|backend  |     at /home/ubuntu/task-
management/backend/node_modules/@nestjs/mongoos
e/lib/mongoose-core.module.ts:70:15
0|backend  | [Nest] 13856  - 12/22/2025, 3:36:11 PM
ERROR [MongooseModule] Unable to connect to the
database. Retrying (3)...
0|backend  | MongooseServerSelectionError: Could not
connect to any servers in your MongoDB Atlas cluster.
One common reason is that you're trying to access the
database from an IP that isn't whitelisted. Make sure
your current IP address is on your Atlas cluster's IP
whitelist: https://www.mongodb.com/docs/atlas/security-
whitelist/
0|backend  |     at _handleConnectionErrors
(/home/ubuntu/task-
management/backend/node_modules/mongoose/lib/con
nection.js:1165:11)
0|backend  |     at NativeConnection.asPromise
(/home/ubuntu/task-
management/backend/node_modules/mongoose/lib/con
nection.js:1635:11)
0|backend  |     at /home/ubuntu/task-
management/backend/node_modules/@nestjs/mongoos
e/lib/mongoose-core.module.ts:70:15
0|backend  | [Nest] 13856  - 12/22/2025, 3:36:44 PM
ERROR [MongooseModule] Unable to connect to the
database. Retrying (4)...
0|backend  | MongooseServerSelectionError: Could not
connect to any servers in your MongoDB Atlas cluster.
One common reason is that you're trying to access the
database from an IP that isn't whitelisted. Make sure
your current IP address is on your Atlas cluster's IP
whitelist: https://www.mongodb.com/docs/atlas/security-
whitelist/
0|backend  |     at _handleConnectionErrors
(/home/ubuntu/task-
management/backend/node_modules/mongoose/lib/con
nection.js:1165:11)
0|backend  |     at NativeConnection.asPromise
(/home/ubuntu/task-
management/backend/node_modules/mongoose/lib/con
```

nection.js:1635:11)
0|backend | at /home/ubuntu/task-
management/backend/node_modules/@nestjs/mongoos
e/lib/mongoose-core.module.ts:70:15

curl http://localhost:4000
{"message":"Cannot GET /","error":"Not Found","statusCode":404}
is it ok?

Next Step ============= Now we can move to **Next.js frontend deployment + Nginx reverse proxy**: * Serve frontend on port **80** (public) * Proxy API requests `/api/...` to `localhost:4000` This will make your **full app live** on the EC2 public IP. 🚀

done

how to delete folder from the server after i have clone it

ubuntu@ip-10-0-1-52:~/task-management$ ls
backend frontend
i want to delete frontend folder

what does rf mean

ubuntu@ip-10-0-1-52:~/task-management/frontend$
npm run build

> taskmanagement@0.1.0 build
> next build

Attention: Next.js now collects completely anonymous
telemetry regarding usage.
This information is used to shape Next.js' roadmap and
prioritize features.
You can learn more, including how to opt-out if you'd not
like to participate in this anonymous program, by
visiting the following URL:
https://nextjs.org/telemetry

  ▲ Next.js 15.5.2

  Creating an optimized production build ...
 ✓ Compiled successfully in 14.7s

Failed to compile.

./src/app/(auth)/login/page.tsx
3:10 Warning: 'useEffect' is defined but never used.
@typescript-eslint/no-unused-vars
90:16 Error: ' can be escaped with ', ‘,
', ’. react/no-unescaped-entities

./src/app/(auth)/signup/page.tsx
3:10 Warning: 'useEffect' is defined but never used.
@typescript-eslint/no-unused-vars

./src/app/dashboard/addTaskModal.tsx
9:26 Error: Unexpected any. Specify a different type.
@typescript-eslint/no-explicit-any

./src/app/dashboard/editTaskModal.tsx
12:27 Error: Unexpected any. Specify a different type.
@typescript-eslint/no-explicit-any

19:35 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
26:45 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
27:43 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
30:3 Error: React Hook "useEffect" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
92:15 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any

./src/app/dashboard/page.tsx
10:38 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
11:56 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
12:50 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
37:21 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
79:37 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
82:49 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
124:14 Warning: 'error' is defined but never used. @typescript-eslint/no-unused-vars

./src/middleware.ts
4:7 Warning: 'protectedRoutes' is assigned a value but

never used. @typescript-eslint/no-unused-vars

info - Need to disable some ESLint rules? Learn more
here: https://nextjs.org/docs/app/api-
reference/config/eslint#disabling-rules

just tell me where to make changes

what if i share you my all code you tell me where to remove what

```tsx
"use client";

import { useState } from "react";
import Cookies from "js-cookie";
import { useRouter } from "next/navigation";
export default function Login() {
  const router = useRouter();
  const [formData, setFormData] = useState({
    email: "",
    password: "",
  });

  const handleChange = (
    e: React.ChangeEvent<HTMLInputElement |
HTMLSelectElement>
  ) => {
    const { name, value } = e.target;
    setFormData({ ...formData, [name]: value });
  };

  const handleSubmit = async (e:
React.FormEvent<HTMLFormElement>) => {
    e.preventDefault();
    try {
      const response = await
fetch("http://localhost:3000/user/login", {
        method: "POST",
        headers: { "Content-Type": "application/json" },
        body: JSON.stringify(formData),
      });
      if (!response.ok) {
        throw new Error("Login Failed");
      }
      const data = await response.json();
      Cookies.set("auth_token", data.Data.token, {
        expires: 1,
        sameSite: "lax",
      });
```

```jsx
        localStorage.setItem("UserName",
data.Data.username);
        localStorage.setItem("Email", data.Data.email);
        router.push("/dashboard");
    } catch (error) {
      console.log(error);
    }
  };

  return (
    <div className="flex items-center justify-center
min-h-screen bg-gray-100">
      <div className="bg-white shadow-lg rounded-xl p-
8 w-full max-w-md">
        <form onSubmit={handleSubmit}
className="space-y-5">
          <h2 className="text-2xl font-bold text-center
text-gray-800 mb-6">
            Login
          </h2>

          <div>
            <label className="block text-sm font-medium
text-gray-700 mb-1">
              Email
            </label>
            <input
              type="email"
              placeholder="Enter your email"
              name="email"
              value={formData.email}
              onChange={handleChange}
              className="w-full px-4 py-2 border border-
gray-300 rounded-lg focus:outline-none focus:ring-2
focus:ring-blue-500 focus:border-blue-500"
            />
          </div>

          <div>
            <label className="block text-sm font-medium
text-gray-700 mb-1">
```

```
              Password
            </label>
            <input
              type="password"
              placeholder="Password"
              name="password"
              value={formData.password}
              onChange={handleChange}
              className="w-full px-4 py-2 border border-
gray-300 rounded-lg focus:outline-none focus:ring-2
focus:ring-blue-500 focus:border-blue-500"
            />
          </div>

          <button
            type="submit"
            className="w-full bg-blue-600 text-white py-2
rounded-lg hover:bg-blue-700 transition duration-200"
          >
            Login
          </button>

          {/* Already have an account */}
          <div className="mt-4 text-center text-sm text-
gray-600">
            Don't have an account?{" "}
            <a href="/signup" className="text-blue-600
hover:underline">
              Signup
            </a>
          </div>
        </form>
      </div>
    </div>
  );
}
login
"use client";

import { useState } from "react";
import Cookies from "js-cookie";
```

```
import { useRouter } from "next/navigation";
export default function Signup() {
  const router = useRouter();
  const [formData, setFormData] = useState({
   username: "",
   email: "",
   password: "",
   role: "",
  });

  const handleChange = (
   e: React.ChangeEvent<HTMLInputElement |
HTMLSelectElement>
  ) => {
   const { name, value } = e.target;
   setFormData({ ...formData, [name]: value });
  };

  const handleSubmit = async (e:
React.FormEvent<HTMLFormElement>) => {
   e.preventDefault();
   try {
    const response = await
fetch("http://localhost:3000/user/signup", {
      method: "POST",
      headers: { "Content-Type": "application/json" },
      body: JSON.stringify(formData),
    });
    if (!response.ok) {
     throw new Error("Signup Failed");
    }
    const data = await response.json();
    console.log("Response: " , data)
    localStorage.setItem("UserName",
data.data.username);
    localStorage.setItem("Email", data.data.email);
    Cookies.set("auth_token", data.data.token, {
     expires: 1,
     sameSite: "lax",
    });
    router.push("/dashboard");
```

```jsx
    } catch (error) {
      console.log(error);
    }
  };

  return (
    <div className="flex items-center justify-center min-h-screen bg-gray-100">
      <div className="bg-white shadow-lg rounded-xl p-8 w-full max-w-md">
        <form onSubmit={handleSubmit} className="space-y-5">
          <h2 className="text-2xl font-bold text-center text-gray-800 mb-6">
            Sign Up
          </h2>

          <div>
            <label className="block text-sm font-medium text-gray-700 mb-1">
              Username
            </label>
            <input
              type="text"
              placeholder="Enter your username"
              name="username"
              value={formData.username}
              onChange={handleChange}
              className="w-full px-4 py-2 border border-gray-300 rounded-lg focus:outline-none focus:ring-2 focus:ring-blue-500 focus:border-blue-500"
            />
          </div>

          <div>
            <label className="block text-sm font-medium text-gray-700 mb-1">
              Email
            </label>
            <input
              type="email"
```

```
              placeholder="Enter your email"
              name="email"
              value={formData.email}
              onChange={handleChange}
              className="w-full px-4 py-2 border border-
gray-300 rounded-lg focus:outline-none focus:ring-2
focus:ring-blue-500 focus:border-blue-500"
          />
        </div>

        <div>
          <label className="block text-sm font-medium
text-gray-700 mb-1">
            Password
          </label>
          <input
            type="password"
            placeholder="Password"
            name="password"
            value={formData.password}
            onChange={handleChange}
            className="w-full px-4 py-2 border border-
gray-300 rounded-lg focus:outline-none focus:ring-2
focus:ring-blue-500 focus:border-blue-500"
          />
        </div>

        <div>
          <label className="block text-sm font-medium
text-gray-700 mb-1">
            Select Role
          </label>
          <select
            name="role"
            value={formData.role}
            onChange={handleChange}
            className="w-full px-4 py-2 border border-
gray-300 rounded-lg focus:outline-none focus:ring-2
focus:ring-blue-500 focus:border-blue-500"
          >
            <option value="" disabled>
```

```jsx
              -- Select a role --
            </option>
            <option value="manager">manager</option>
            <option
  value="developer">developer</option>
            <option value="qa">qa</option>
          </select>
        </div>

        <button
          type="submit"
          className="w-full bg-blue-600 text-white py-2
  rounded-lg hover:bg-blue-700 transition duration-200"
        >
          Sign Up
        </button>

        {/* Already have an account */}
        <div className="mt-4 text-center text-sm text-
  gray-600">
          Already have an account?{" "}
          <a href="/login" className="text-blue-600
  hover:underline">
            Log In
          </a>
        </div>
      </form>
    </div>
  </div>
  );
} signup
import { useState } from "react";

export default function AddTaskForm({
  token,
  onTaskAdded,
  onClose,
}: {
  token?: string;
  onTaskAdded: (newTask: any) => void;
  onClose: () => void; // optional
```

```
}) {
 const [formData, setFormData] = useState({
  title: "",
  description: "",
  assignedTo: "",
  startDate: "",
  endDate: "",
 });

 if (!token) {
  console.error("No token found!");
  return <p>No token provided. Please log in.</p>;
 }

 const handleChange = (
  e: React.ChangeEvent<
   HTMLInputElement | HTMLSelectElement |
HTMLTextAreaElement
  >
 ) => {
  const { name, value } = e.target;
  setFormData({ ...formData, [name]: value });
 };

 const handleSubmit = async (e:
React.FormEvent<HTMLFormElement>) => {
  e.preventDefault();

  const payload = {
   ...formData,
   assignedTo: formData.assignedTo ?
[formData.assignedTo] : [],
   startDate: new Date(formData.startDate),
   endDate: new Date(formData.endDate),
  };

  try {
   const response = await
fetch("http://localhost:3000/task", {
    method: "POST",
    headers: {
```

```jsx
        "Content-Type": "application/json",
        Authorization: Bearer ${token},
       },
       body: JSON.stringify(payload),
     });
     if (!response.ok) {
      throw new Error("Failed to add task");
     }
      const data = await response.json();
     onTaskAdded(data.Task)
     console.log("Task Added Successfully");
     onClose();
   } catch (error) {
     console.error(error);
   }
  };
  return (
    <div className="w-full">
      <h2 className="text-2xl font-bold mb-6 text-gray-800">Add New Task</h2>

      <form className="space-y-5" onSubmit={handleSubmit}>
        {/* Title */}
        <div>
          <label className="block text-sm font-medium text-gray-700 mb-1">
            Title <span className="text-red-500">*</span></span>
          </label>
          <input
            name="title"
            value={formData.title}
            onChange={handleChange}
            type="text"
            placeholder="Enter task title"
            className="w-full border border-gray-300 rounded-lg px-3 py-2 focus:outline-none focus:ring-2 focus:ring-indigo-500"
            required
          />
```

```jsx
      </div>

      {/* Description */}
      <div>
        <label className="block text-sm font-medium text-gray-700 mb-1">
          Description <span className="text-red-500">*</span>
        </label>
        <textarea
          name="description"
          value={formData.description}
          onChange={handleChange}
          placeholder="Enter task description"
          rows={3}
          className="w-full border border-gray-300 rounded-lg px-3 py-2 focus:outline-none focus:ring-2 focus:ring-indigo-500"
          required
        />
      </div>

      {/* Assigned To (Optional) */}
      <div>
        <label className="block text-sm font-medium text-gray-700 mb-1">
          Assigned To (optional)
        </label>
        <input
          name="assignedTo"
          value={formData.assignedTo}
          onChange={handleChange}
          type="email"
          placeholder="Enter assignee email"
          className="w-full border border-gray-300 rounded-lg px-3 py-2 focus:outline-none focus:ring-2 focus:ring-indigo-500"
        />
      </div>

      {/* Start Date */}
```

```jsx
      <div>
        <label className="block text-sm font-medium
text-gray-700 mb-1">
          Start Date <span className="text-red-500">*
</span>
        </label>
        <input
          name="startDate"
          value={formData.startDate}
          onChange={handleChange}
          type="date"
          className="w-full border border-gray-300
rounded-lg px-3 py-2 focus:outline-none focus:ring-2
focus:ring-indigo-500"
          required
        />
      </div>

      {/* End Date */}
      <div>
        <label className="block text-sm font-medium
text-gray-700 mb-1">
          End Date <span className="text-red-500">*
</span>
        </label>
        <input
          name="endDate"
          value={formData.endDate}
          onChange={handleChange}
          min={formData.startDate}
          type="date"
          className="w-full border border-gray-300
rounded-lg px-3 py-2 focus:outline-none focus:ring-2
focus:ring-indigo-500"
          required
        />
      </div>

      {/* Submit Button */}
      <div>
        <button
```

```
        type="submit"
        className="w-full bg-indigo-600 text-white py-2
px-4 rounded-lg font-semibold hover:bg-indigo-700
transition duration-200"
      >
        Create Task
      </button>
    </div>
  </form>
</div>
);
} addtaskmodal
import { useEffect, useState } from "react";

export default function EditTask({
  token,
  taskId,
  onClose,
  onTaskUpdate,
}: {
  token?: string;
  taskId: string;
  onClose: () => void;
  onTaskUpdate: (newTask: any) => void;
}) {
  if (!token) {
    console.error("No token found!");
    return <p>No token provided. Please log in.</p>;
  }

  const [formData, setFormData] = useState({
    title: "",
    description: "",
    startDate: "",
    endDate: "",
  });

  const [assignedUsers, setAssignedUsers] =
useState<string[]>([]);
  const [newUserEmail, setNewUserEmail] =
useState("");
```

```
// Fetch task details
useEffect(() => {
  const fetchTask = async () => {
    try {
      const response = await fetch(
        http://localhost:3000/task/id/${taskId},
        {
          method: "GET",
          headers: { Authorization: Bearer ${token} },
        }
      );
      if (!response.ok) throw new Error("Failed to fetch task");

      const data = await response.json();
      const task = data.Task;

      const formatDate = (dateString: string) => {
        if (!dateString) return "";
        const date = new Date(dateString);
        return date.toISOString().split("T")[0];
      };

      setFormData({
        title: task.Title || "",
        description: task.Description || "",
        startDate: formatDate(task.StartDate),
        endDate: formatDate(task.EndDate),
      });

      setAssignedUsers(task.AssignedTo || []);
    } catch (error) {
      console.error(error);
    }
  };
  fetchTask();
}, [taskId, token]);

// Handle text inputs
const handleChange = (
```

```
    e: React.ChangeEvent<HTMLInputElement |
HTMLTextAreaElement>
  ) => {
    const { name, value } = e.target;
    setFormData((prev) => ({ ...prev, [name]: value }));
  };



  // Remove user
  const handleRemoveUser = (email: string) => {
    setAssignedUsers((prev) => prev.filter((u) => u !==
email));
  };

  // Add new user
  const handleAddUser = () => {
    if (newUserEmail &&
!assignedUsers.includes(newUserEmail)) {
      setAssignedUsers((prev) => [...prev,
newUserEmail]);
      setNewUserEmail("");
    }
  };

  // Submit update
  const handleUpdate = async (e: React.FormEvent) =>
{
    e.preventDefault();

  const body: any = {
    title: formData.title,
    description: formData.description,
    startDate: new
Date(formData.startDate).toISOString(),
    endDate: new Date(formData.endDate).toISOString(),
    assignedTo: assignedUsers,
  };


    try {
```

```
    const response = await
fetch(http://localhost:3000/task/${taskId}, {
      method: "PATCH",
      headers: {
       "Content-Type": "application/json",
       Authorization: Bearer ${token},
      },
      body: JSON.stringify(body),
    });
    const data = await response.json();

     if (!response.ok) {
     throw new Error(data.message || "Failed to update
task");
    }
     const updatedTask = data.Task;
     onTaskUpdate(updatedTask);
     onClose();
   } catch (error) {
     console.error(error);
    }
  };

  return (
   <div className="w-full">
    <h2 className="text-2xl font-bold mb-6 text-gray-
800">Edit Task</h2>

    <form className="space-y-5" onSubmit=
{handleUpdate}>
      {/* Title */}
      <div>
       <label className="block text-sm font-medium
text-gray-700 mb-1">
        Title <span className="text-red-500">*
</span>
       </label>
       <input
        name="title"
        value={formData.title}
        onChange={handleChange}
```

```jsx
          type="text"
          placeholder="Enter task title"
          className="w-full border border-gray-300
rounded-lg px-3 py-2 focus:outline-none focus:ring-2
focus:ring-indigo-500"
          required
        />
      </div>

      {/* Description */}
      <div>
        <label className="block text-sm font-medium
text-gray-700 mb-1">
          Description <span className="text-red-500">*
</span>
        </label>
        <textarea
          name="description"
          value={formData.description}
          onChange={handleChange}
          placeholder="Enter task description"
          rows={3}
          className="w-full border border-gray-300
rounded-lg px-3 py-2 focus:outline-none focus:ring-2
focus:ring-indigo-500"
          required
        />
      </div>

      {/* Assigned Users */}
      <div>
        <label className="block text-sm font-medium
text-gray-700 mb-1">
          Assigned Users
        </label>

        {/* Show assigned users as chips */}
        <div className="flex flex-wrap gap-2 mb-2">
          {assignedUsers.map((email) => (
            <span
              key={email}
```

```
            className="flex items-center bg-gray-200
text-gray-800 px-2 py-1 rounded-full text-sm"
          >
            {email}
            <button
              type="button"
              onClick={() => handleRemoveUser(email)}
              className="ml-2 text-red-500 hover:text-
red-700 font-bold"
            >
              ×
            </button>
          </span>
        ))}
      </div>

      {/* Add new user */}
      <div className="flex gap-2">
        <input
          type="email"
          value={newUserEmail}
          onChange={(e) =>
setNewUserEmail(e.target.value)}
          placeholder="Enter assignee email"
          className="flex-1 border border-gray-300
rounded-lg px-3 py-2 focus:outline-none focus:ring-2
focus:ring-indigo-500"
        />
        <button
          type="button"
          onClick={handleAddUser}
          className="bg-green-500 text-white px-3 py-2
rounded-lg hover:bg-green-600"
        >
          Add
        </button>
      </div>
    </div>

    {/* Start Date */}
    <div>
```

```jsx
        <label className="block text-sm font-medium text-gray-700 mb-1">
          Start Date <span className="text-red-500">*</span>
        </label>
        <input
          name="startDate"
          value={formData.startDate}
          onChange={handleChange}
          type="date"
          className="w-full border border-gray-300 rounded-lg px-3 py-2 focus:outline-none focus:ring-2 focus:ring-indigo-500"
          required
        />
      </div>

      {/* End Date */}
      <div>
        <label className="block text-sm font-medium text-gray-700 mb-1">
          End Date <span className="text-red-500">*</span>
        </label>
        <input
          name="endDate"
          value={formData.endDate}
          onChange={handleChange}
          min={formData.startDate}
          type="date"
          className="w-full border border-gray-300 rounded-lg px-3 py-2 focus:outline-none focus:ring-2 focus:ring-indigo-500"
          required
        />
      </div>

      {/* Submit */}
      <div>
        <button
          type="submit"
```

```
        className="w-full bg-indigo-600 text-white py-2
px-4 rounded-lg font-semibold hover:bg-indigo-700
transition duration-200"
        >
         Update Task
        </button>
      </div>
    </form>
   </div>
  );
} edittaskmodal
"use client";

import React, { useState, useEffect } from "react";
import Cookies from "js-cookie";
import AddTaskForm from "./addTaskModal";
import EditTask from "./editTaskModal";
import { useRouter } from "next/navigation";

export default function ManagerDashboard() {
  const [tasks, setTasks] = useState<any[]>([]);
  const [selectedTaskId, setSelectedTaskId] =
useState<any>(null);
  const [taskDetails, setTaskDetails] = useState<any>
(null);
  const token = Cookies.get("auth_token");
  const [editTaskModal, setEditTaskModal] =
useState(false);
  const [addTaskModal, setAddTaskModal] =
useState(false);
  const [loading, setLoading] = useState(true);
  const router = useRouter();

  useEffect(() => {
    const fetchTasks = async () => {
      setLoading(true);
      try {
        const response = await
fetch("http://localhost:3000/task", {
          method: "GET",
          headers: {
```

```
        "Content-Type": "application/json",
        Authorization: Bearer ${token},
      },
    });

    if (!response.ok) {
      throw new Error("Failed to fetch tasks");
    }

    const data = await response.json();
    setTasks(data.Task);
  } catch (err: any) {
    console.error(err);
  } finally {
    setLoading(false);
  }
};

fetchTasks();
}, [token]);

useEffect(() => {
  if (!selectedTaskId) return;

  const fetchTaskById = async () => {
    try {
      const response = await fetch(

http://localhost:3000/task/id/${selectedTaskId},
        {
          headers: { Authorization: Bearer ${token} },
        }
      );
      if (!response.ok) throw new Error("Failed to fetch
task details");

      const data = await response.json();
      setTaskDetails(data.Task);
    } catch (error) {
      console.error(error);
    }
```

```
  };

  fetchTaskById();
}, [selectedTaskId, token]);

const handleTaskClick = (id: string) => {
  setSelectedTaskId(id);
};

const closeSidebar = () => {
  setSelectedTaskId(null);
  setTaskDetails(null);
};

const handleTaskAdded = (newTask: any) => {
  setTasks((prev) => [...prev, newTask]);
};
const handleTaskUpdated = async (updatedTask: any)
=> {
  setTasks((prev) =>
    prev.map((task) => (task._id === updatedTask._id ?
updatedTask : task))
  );

  if (selectedTaskId === updatedTask._id) {
    try {
      const response = await fetch(

http://localhost:3000/task/id/${selectedTaskId},
        {
          headers: { Authorization: Bearer ${token} },
        }
      );
      if (!response.ok) throw new Error("Failed to fetch
task details");

      const data = await response.json();
      setTaskDetails(data.Task);
    } catch (error) {
      console.error(error);
    }
```

```
    }
  };

  const handleLogout = async () => {
   Cookies.remove("auth_token");
   router.push("/login");
  };
  const handleDeleteTask = async (id: string) => {
   try {
     const response = await
fetch(http://localhost:3000/task/${id}, {
       method: "DELETE",
       headers: {
        "Content-Type": "application/json",
        Authorization: Bearer ${token},
       },
     });

     if (!response.ok) {
       throw new Error("Failed to delete task");
     }
     setTasks((prevTask) => prevTask.filter((task) =>
task._id !== id));
     console.log("Task deleted successfully");
   } catch (error) {
     console.error("Error Deleting task");
   }
  };

  const completedTasks = tasks.filter((t) => t.status
=== "completed");
  const inProgressTasks = tasks.filter((t) => t.status
=== "in_progress");
  const toDoTasks = tasks.filter((t) => t.status === "to-
do");
  const username = localStorage.getItem("UserName");
  if (loading) {
   return (
     <div className="fixed inset-0 flex items-center
justify-center bg-white bg-opacity-80 z-50">
       <div className="w-16 h-16 border-4 border-
```

```
      indigo-500 border-t-transparent rounded-full animate-
      spin"></div>
          </div>
        );
    }

      return (
        <div className="min-h-screen bg-gray-100 p-6">
          {/* Greeting */}
          <div className=" flex items-center justify-center
      text-xl md:text-2xl lg:text-3xl font-semibold text-gray-
      700 mb-4">
            Hey! <span className="text-amber-500 text-
      center"> {username}</span> 👋
          </div>

          {/* Dashboard title */}
          <h1 className="text-3xl font-bold mb-6 text-gray-
      800 ">Dashboard</h1>

          {/* Add Task Button */}
          <div className="flex justify-end mr-16">
            <button
            className="bg-amber-500 hover:bg-amber-600
      text-white font-semibold px-6 py-3 rounded-xl shadow-
      md hover:shadow-lg transform hover:-translate-y-0.5
      transition-all duration-200 ease-in-out"
              onClick={() => setAddTaskModal(true)}
            >
              Add Task
            </button>
          </div>

          {/* to-do Tasks */}
          <section className="mb-8">
            <h2 className="text-2xl font-semibold mb-4">To-
      Do</h2>
            <div className="grid grid-cols-1 md:grid-cols-3
      gap-4">
              {toDoTasks.map((task) => (
                <div
```

```jsx
              onClick={() => {
                handleTaskClick(task._id);
              }}
              key={task._id}
              className="bg-white p-4 rounded-lg shadow
hover:shadow-lg transition border-l-4 border-red-800"
            >
              <h3 className="text-lg font-semibold">
{task.title}</h3>
              <p className="text-sm text-gray-500">
{task.description}</p>
            </div>
          ))}
        </div>
      </section>

      {/* In Progress Tasks */}
      <section className="mb-8">
        <h2 className="text-2xl font-semibold mb-4">In
Progress</h2>
        <div className="grid grid-cols-1 md:grid-cols-3
gap-4">
          {inProgressTasks.map((task) => (
            <div
              onClick={() => {
                handleTaskClick(task._id);
              }}
              key={task._id}
              className="bg-white p-4 rounded-lg shadow
hover:shadow-lg transition border-l-4 border-yellow-400"
            >
              <h3 className="text-lg font-semibold">
{task.title}</h3>
              <p className="text-sm text-gray-500">In
Progress</p>
            </div>
          ))}
        </div>
      </section>

      {/* Completed Tasks */}
```

```jsx
    <section>
      <h2 className="text-2xl font-semibold mb-4">Completed</h2>
      <div className="grid grid-cols-1 md:grid-cols-3 gap-4">
        {completedTasks.map((task) => (
          <div
            onClick={() => {
              handleTaskClick(task._id);
            }}
            key={task._id}
            className="bg-white p-4 rounded-lg shadow hover:shadow-lg transition border-l-4 border-green-400"
          >
            <h3 className="text-lg font-semibold">{task.title}</h3>
            <p className="text-sm text-gray-500">Completed</p>
          </div>
        ))}
      </div>
    </section>

    {selectedTaskId && taskDetails && (
      <div className="fixed top-0 right-0 h-full w-96 bg-white shadow-2xl transition-transform transform translate-x-0 z-50 flex flex-col">
        {/* Header */}
        <div className="flex items-center justify-between px-6 py-4 border-b bg-gray-50">
          <h2 className="text-lg font-semibold text-gray-800">
            Task Details
          </h2>
          <button
            onClick={closeSidebar}
            className="text-gray-400 hover:text-gray-600 text-xl font-bold"
          >
            ×
          </button>
```

```
        </div>

        {/* Content */}
        <div className="flex-1 overflow-y-auto px-6 py-
4 space-y-6">
          {/* Title & Status */}
          <div>
            <h1 className="text-2xl font-bold text-gray-
900">
              {taskDetails.Title}
            </h1>
            <span
              className={inline-block mt-2 px-3 py-1
rounded-full text-sm font-medium ${
                taskDetails.Status === "completed"
                  ? "bg-green-100 text-green-800"
                  : taskDetails.Status === "in_progress"
                  ? "bg-yellow-100 text-yellow-800"
                  : "bg-red-100 text-red-800"
              }}
            >
              {taskDetails.Status}
            </span>
          </div>

          {/* Description */}
          <div>
            <h3 className="text-sm font-semibold text-
gray-600 mb-1">
              Description
            </h3>
            <p className="text-gray-700">
{taskDetails.Description}</p>
          </div>

          {/* Assigned To */}
          <div>
            <h3 className="text-sm font-semibold text-
gray-600 mb-1">
              Assigned To
            </h3>
```

```jsx
        <p className="text-gray-700">
         {taskDetails.AssignedTo?.join(", ")}
        </p>
       </div>

       {/* Created By */}
       <div>
        <h3 className="text-sm font-semibold text-gray-600 mb-1">
         Created By
        </h3>
        <p className="text-gray-700">
{taskDetails.CreatedBy}</p>
       </div>

       {/* Dates */}
       <div className="grid grid-cols-2 gap-4">
        <div>
         <h3 className="text-sm font-semibold text-gray-600 mb-1">
          Start Date
         </h3>
         <p className="text-gray-700">
          {new
Date(taskDetails.StartDate).toLocaleDateString()}
         </p>
        </div>
        <div>
         <h3 className="text-sm font-semibold text-gray-600 mb-1">
          End Date
         </h3>
         <p className="text-gray-700">
          {new
Date(taskDetails.EndDate).toLocaleDateString()}
         </p>
        </div>
       </div>
       {/* Last Comment */}
       <div className="mt-4">
        <h3 className="text-sm font-semibold text-
```

```
gray-600 mb-1">
          Last Comment
        </h3>
        <p className="text-gray-700 bg-gray-50 p-3
rounded border border-gray-200">
          {taskDetails.Comment?.length > 0
           ?
taskDetails.Comment[taskDetails.Comment.length -
1].Comment
           : "No comments yet"}
        </p>
      </div>
    </div>

    {/* uploads  */}
    {/* <div>
      <p className="text-gray-700">
       <span className="font-medium">Uploads:
</span>
        {taskDetails.uploads}
      </p>
     </div>  */}

    {/* Footer */}
    <div className="p-6 border-t flex justify-
between space-x-2">
      <button
       className="bg-red-600 rounded-md p-2 text-
white hover:bg-red-700"
       onClick={() =>
handleDeleteTask(selectedTaskId)}
      >
       Delete Task
      </button>

      <button
       className="px-4 py-2 bg-blue-600 text-white
rounded-lg hover:bg-blue-700 ml-16"
       onClick={() => {
        setEditTaskModal(true);
       }}
```

```
          >
           Edit
          </button>

          <button
            className="px-4 py-2 bg-gray-200 rounded-lg
hover:bg-gray-300 text-gray-700"
            onClick={closeSidebar}
          >
           Cancel
          </button>
        </div>
      </div>
    )}

    {addTaskModal && (
      <div className="fixed inset-0 flex justify-center
items-center bg-black/50 z-60">
        <div className="bg-white p-6 rounded-2xl w-
[600px] shadow-lg h-[700px] overflow-y-auto">
          <div>
            <div className="flex justify-end">
              <button
                onClick={() => setAddTaskModal(false)}
                className=" text-gray-400 hover:text-gray-
600 text-xl font-bold"
              >
               ×
              </button>
            </div>
            <AddTaskForm
              token={token}
              onTaskAdded={handleTaskAdded}
              onClose={() => setAddTaskModal(false)}
            />
          </div>
        </div>
      </div>
    )}

    {editTaskModal && (
```

```jsx
        <div className="fixed inset-0 flex justify-center
items-center bg-black/50 z--60">
          <div className="bg-white p-6 rounded-2xl w-
[600px] shadow-lg h-[700px] overflow-y-auto">
            <div>
              <div className="flex justify-end">
                <button
                  onClick={() => setEditTaskModal(false)}
                  className=" text-gray-400 hover:text-gray-
600 text-xl font-bold"
                >
                  ×
                </button>
              </div>
              <EditTask
                onTaskUpdate={handleTaskUpdated}
                token={token}
                taskId={selectedTaskId}
                onClose={() => setEditTaskModal(false)}
              />
            </div>
          </div>
        </div>
      )}
      <div className="flex justify-end mr-16">
        <button
          className="bg-red-600 hover:bg-red-800 text-
white font-semibold px-6 py-3 rounded-xl shadow-md
hover:shadow-lg transform hover:-translate-y-0.5
transition-all duration-200 ease-in-out mt-[300px]"
          onClick={handleLogout}
        >
          Logout
        </button>
      </div>
    </div>
  );
} dashboard
```

is it possible that my backend server is runnig on ec2 server
and i clone my frontend from the github and run locally will this work ,like the frontned will make the api to the backend , so will backend will get the api call ?

ubuntu@ip-10-0-1-52:~/task-management/frontend$ npm run build

> taskmanagement@0.1.0 build
> next build

  ▲ Next.js 15.5.2

  Creating an optimized production build ...
 ✓ Compiled successfully in 3.4s

Failed to compile.

./src/app/(auth)/login/page.tsx
3:10 Warning: 'useEffect' is defined but never used. @typescript-eslint/no-unused-vars
90:16 Error: ' can be escaped with ', ‘, ', ’. react/no-unescaped-entities

./src/app/(auth)/signup/page.tsx
3:10 Warning: 'useEffect' is defined but never used. @typescript-eslint/no-unused-vars

./src/app/dashboard/addTaskModal.tsx
9:26 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any

./src/app/dashboard/editTaskModal.tsx
12:27 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
19:35 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
26:45 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return?

react-hooks/rules-of-hooks
27:43 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
30:3 Error: React Hook "useEffect" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
92:15 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any

./src/app/dashboard/page.tsx
10:38 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
11:56 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
12:50 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
37:21 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
79:37 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
82:49 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
124:14 Warning: 'error' is defined but never used. @typescript-eslint/no-unused-vars

./src/middleware.ts
4:7 Warning: 'protectedRoutes' is assigned a value but never used. @typescript-eslint/no-unused-vars

info - Need to disable some ESLint rules? Learn more here: https://nextjs.org/docs/app/api-reference/config/eslint#disabling-rules
these are the error i am facinf while creating build
so if i make changes and push the code to the github so the changes will be applied to the automatically here or i have to do something

what else solution is there to solve this

is ther any way that build become successfull by using force

ubuntu@ip-10-0-1-52:~/task-management/frontend$
npm run built --no-lint
npm error Missing script: "built"
npm error
npm error Did you mean this?
npm error   npm run build # run the "build" package
script
npm error
npm error To see a list of scripts, run:
npm error   npm run
npm error A complete log of this run can be found in:
/home/ubuntu/.npm/_logs/2025-12-22T18_32_30_682Z-
debug-0.log
ubuntu@ip-10-0-1-52:~/task-management/frontend$
npm run build --no-lint

> taskmanagement@0.1.0 build
> next build

  ▲ Next.js 15.5.2

  Creating an optimized production build ...
 ✓ Compiled successfully in 3.1s

Failed to compile.

./src/app/(auth)/login/page.tsx
3:10 Warning: 'useEffect' is defined but never used.
@typescript-eslint/no-unused-vars
90:16 Error: ' can be escaped with ', ‘,
', ’. react/no-unescaped-entities

./src/app/(auth)/signup/page.tsx
3:10 Warning: 'useEffect' is defined but never used.
@typescript-eslint/no-unused-vars

./src/app/dashboard/addTaskModal.tsx
9:26 Error: Unexpected any. Specify a different type.
@typescript-eslint/no-explicit-any

./src/app/dashboard/editTaskModal.tsx
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27:43 Error: React Hook "useState" is called conditionally. React Hooks must be called in the exact same order in every component render. Did you accidentally call a React Hook after an early return? react-hooks/rules-of-hooks
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10:38 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
11:56 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
12:50 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
37:21 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
79:37 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
82:49 Error: Unexpected any. Specify a different type. @typescript-eslint/no-explicit-any
124:14 Warning: 'error' is defined but never used.

@typescript-eslint/no-unused-vars

./src/middleware.ts
4:7 Warning: 'protectedRoutes' is assigned a value but never used. @typescript-eslint/no-unused-vars

info - Need to disable some ESLint rules? Learn more here: https://nextjs.org/docs/app/api-reference/config/eslint#disabling-rules
ubuntu@ip-10-0-1-52:~/task-management/frontend$ next build --no-lint
Command 'next' not found, but can be installed with:
sudo apt install mailutils-mh # version 1:3.16-1build1, or
sudo apt install mmh   # version 0.4-6
sudo apt install nmh   # version 1.8-1
ubuntu@ip-10-0-1-52:~/task-management/frontend$

is there any way that i make changes inside ec2 instance server

```
ubuntu@ip-10-0-1-52:~/task-management$ ls
backend  frontend
ubuntu@ip-10-0-1-52:~/task-management$ pm2 ls
┌────┬───────────────┬─────────┬──────┬───────────┬──────┬──────────┐
│ id │ name          │ mode    │ ↺    │ status    │ cpu  │ memory   │
└────┴───────────────┴─────────┴──────┴───────────┴──────┴──────────┘
ubuntu@ip-10-0-1-52:~/task-management$ cd backend
ubuntu@ip-10-0-1-52:~/task-management/backend$ pm2 ls
┌────┬───────────────┬─────────┬──────┬───────────┬──────┬──────────┐
│ id │ name          │ mode    │ ↺    │ status    │ cpu  │ memory   │
└────┴───────────────┴─────────┴──────┴───────────┴──────┴──────────┘
ubuntu@ip-10-0-1-52:~/task-management/backend$ pm2 start
[PM2][ERROR] File ecosystem.config.js not found
ubuntu@ip-10-0-1-52:~/task-management/backend$ my backend is not running how to start
```

ubuntu@ip-10-0-1-52:~/task-management/backend$
pm2 start main dist/main.js -
-name backend
[PM2][ERROR] Script not found: /home/ubuntu/task-
management/backend/main
ubuntu@ip-10-0-1-52:~/task-management/backend$ cd
..
ubuntu@ip-10-0-1-52:~/task-management$ pm2 start
main dist/main.js --name backend
[PM2][ERROR] Script not found: /home/ubuntu/task-
management/main

i have implemented swagger in my backend now how do i open in browser?