

Authentication Middleware

Middleware verifies the validity of the JWT token.

Allows access to protected routes only if the token is valid.

Protected Routes

Can only be accessed by verified users.

Example: "Profile" or "Dashboard" route.

SAMPLE CODE

```
// server.js

Const express = require('express');
Const mongoose = require('mongoose');
Const jwt = require('jsonwebtoken');
Const bcrypt = require('bcryptjs');
Const User = require('./models/User');
Const app = express();
App.use(express.json());

// Register route
App.post('/register', async (req, res) => {
  Const { name, email, password } = req.body;
  Const hashedPassword = await bcrypt.hash(password, 10);
  Const user = new User({ name, email, password: hashedPassword });
  Await user.save();
  Res.json({ message: 'User Registered Successfully' });
});

// Login route
App.post('/login', async (req, res) => {
```