http server dynamic methods

import 'dotenv/config';

import  http  from 'http';

const users =[

    {id:1,user:'basanta'},

    {id:2,user:'2basanta'},

    {id:3,user:'3basanta'},

]

const server = http.createServer( async (req,res)=>{

    if ( req.method === 'GET' && req.url === '/api/users' ){

        res.writeHead(200,'Content-Type', 'application/json' );

        res.write(JSON.stringify(users));

        res.end();

    } else if ( req.method === 'GET' && req.url.match( /\/api\/users\/([0-9]+)/ ) ) {

        //get id from url

        //find user from users

        //finding through all users where user.id === urlId

        const urlId = req.url.split('/')[3];

        const user = users.find( (user) => user.id === urlId);

        if(user){

            res.writeHead(200,'Content-Type', 'application/json' );

            res.write(JSON.stringify({id:1,name:"dynamic data"}));

            res.end();

        }else{

            res.writeHead(404,'Content-Type', 'application/json' );

            res.write(JSON.stringify({message:'no such user found'}));

            res.end();

        }

    }else{

        res.writeHead(404,'Content-Type', 'application/json');

        res.write(JSON.stringify({message:'route notta found'}));

        res.end();

    }

});

const PORT = process.env.PORT;

server.listen(PORT, () =>{

    console.log(`port running in ${PORT}`);

})

//http server with logger

import 'dotenv/config';

import  http  from 'http';

const users =[

    {id:1,user:'basanta'},

    {id:2,user:'2basanta'},

    {id:3,user:'3basanta'},

]

// Logger middleware

const logger = ( req, res, next) =>{

    console.log(` ${ req.url } , ${ req.method } `);

    next(); // Pass control to the next middleware or route handler

}

const server = http.createServer( async (req,res)=>{

    logger( req, res, ()=>{

        if ( req.method === 'GET' && req.url === '/api/users' ){

            res.writeHead(200, { 'Content-Type': 'application/json' } );

            res.write(JSON.stringify(users));

            res.end();

            //for dynamic url

        } else if ( req.method === 'GET' && req.url.match(/\/api\/users\/([0-9]+)/) ) {

            //get id from url

            //url=string so convert urlid to int

            const urlId = parseInt(req.url.split('/')[3]);

            //find user from users

            //finding through all users where user.id === urlId

            const user = users.find( (user) => user.id === urlId);

            if(user){

                res.writeHead(200, { 'Content-Type': 'application/json' } );

                res.write(JSON.stringify( {id:1,name:"dynamic data"} ));

                res.end();

            }else{

                res.writeHead(404, { 'Content-Type': 'application/json'} );

                res.write(JSON.stringify({message:'no such user found'}));

                res.end();

            }

        }else{

            res.writeHead(404, {'Content-Type': 'application/json'} );

            res.write(JSON.stringify({message:'route notta found'}));

            res.end();

        }

    });

});

const PORT = process.env.PORT;

server.listen(PORT, () =>{

    console.log(`port running in ${PORT}`);

})