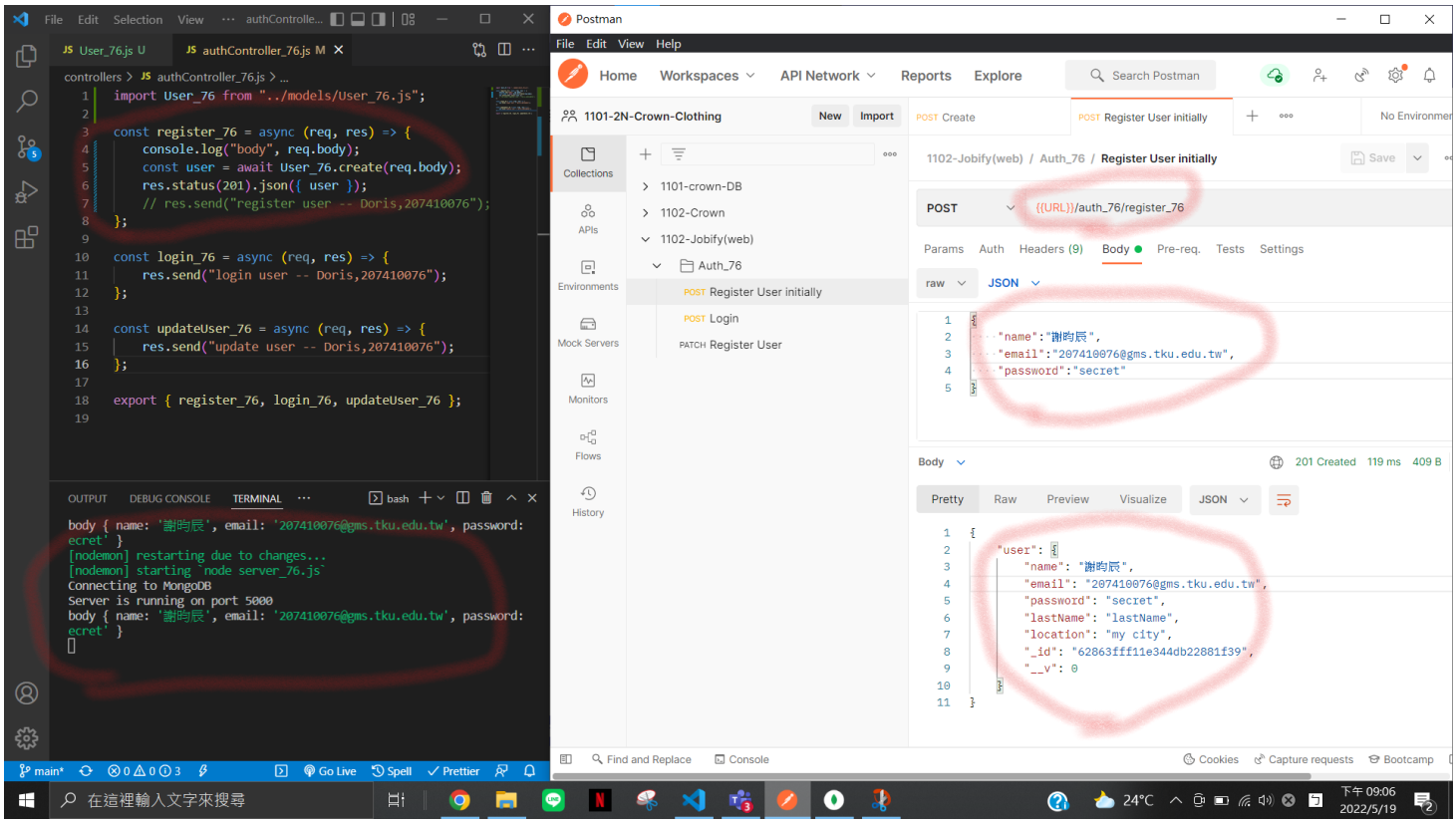
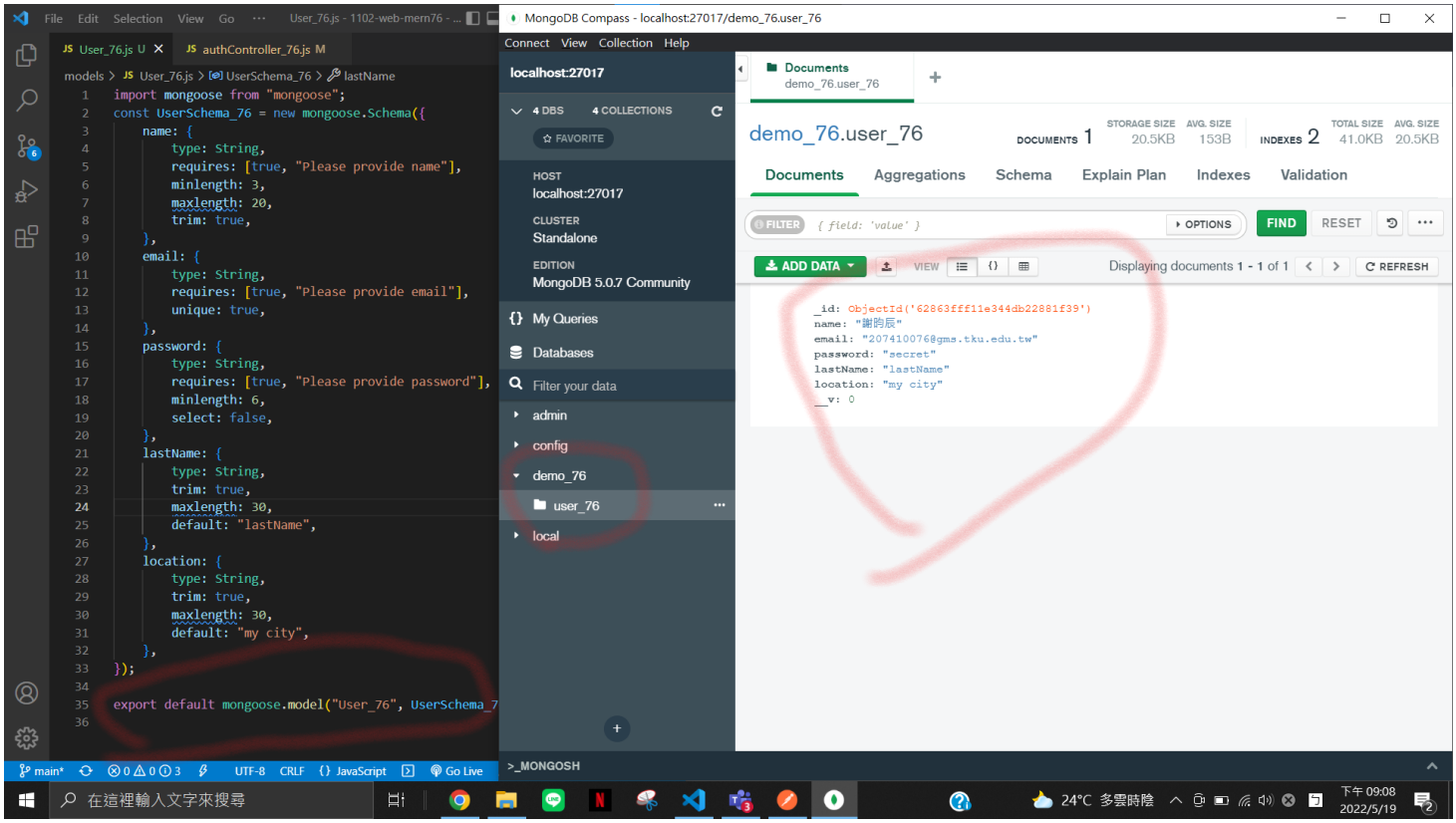
Github repo URL

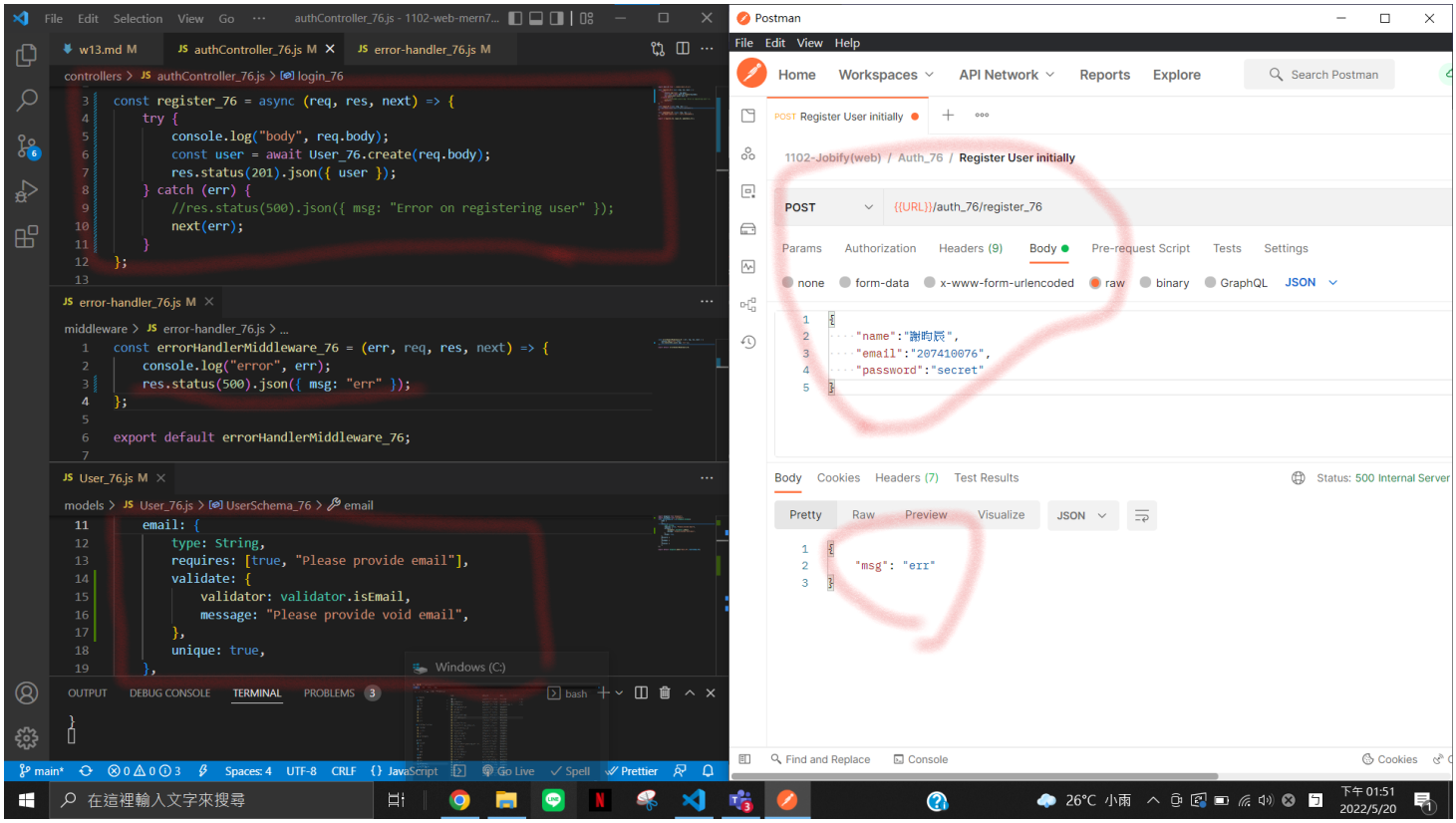
https://github.com/chen945/1102-web-mern76

w13-p1: create a user and save it into MongoDB, collection User_xx

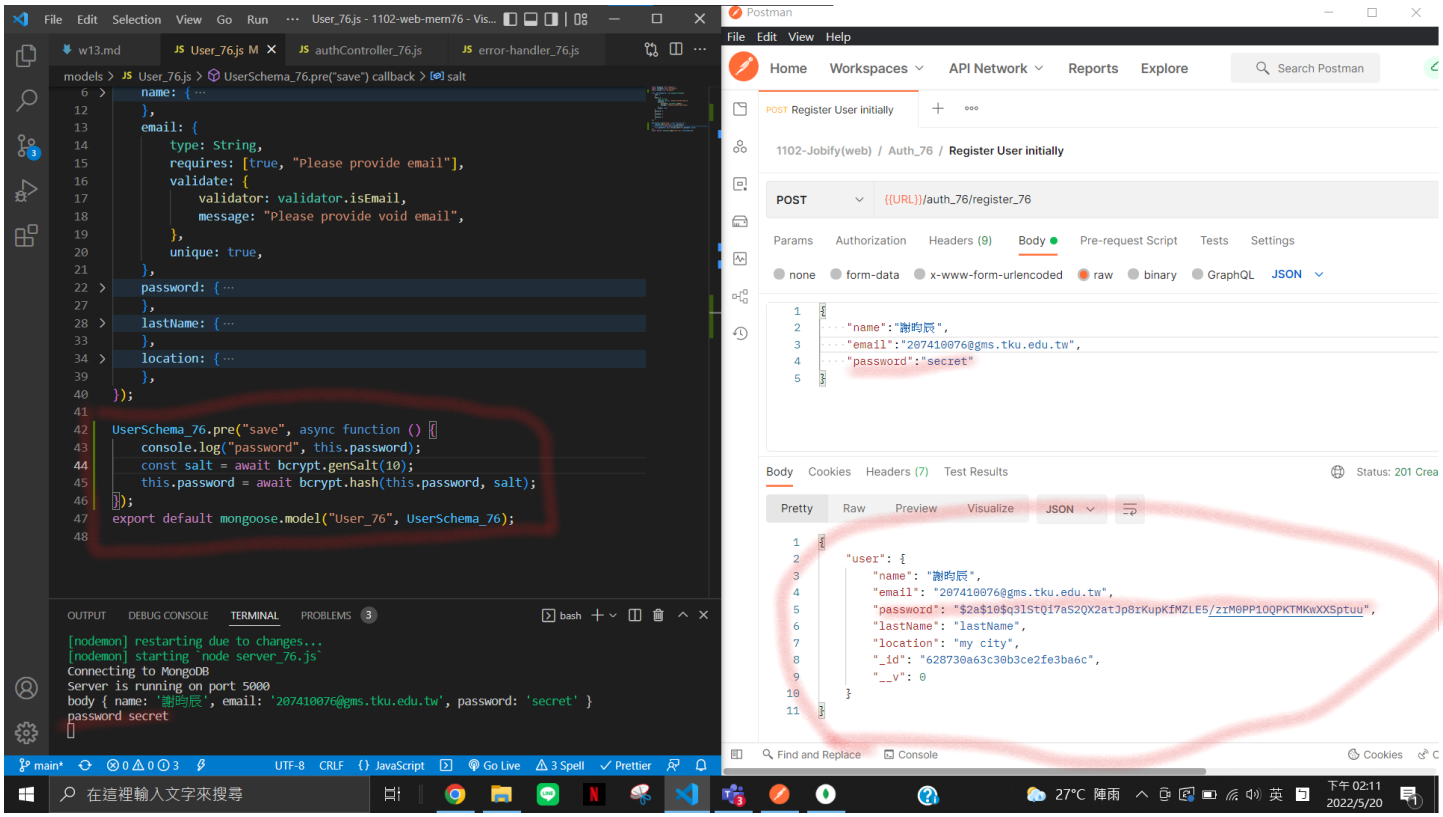


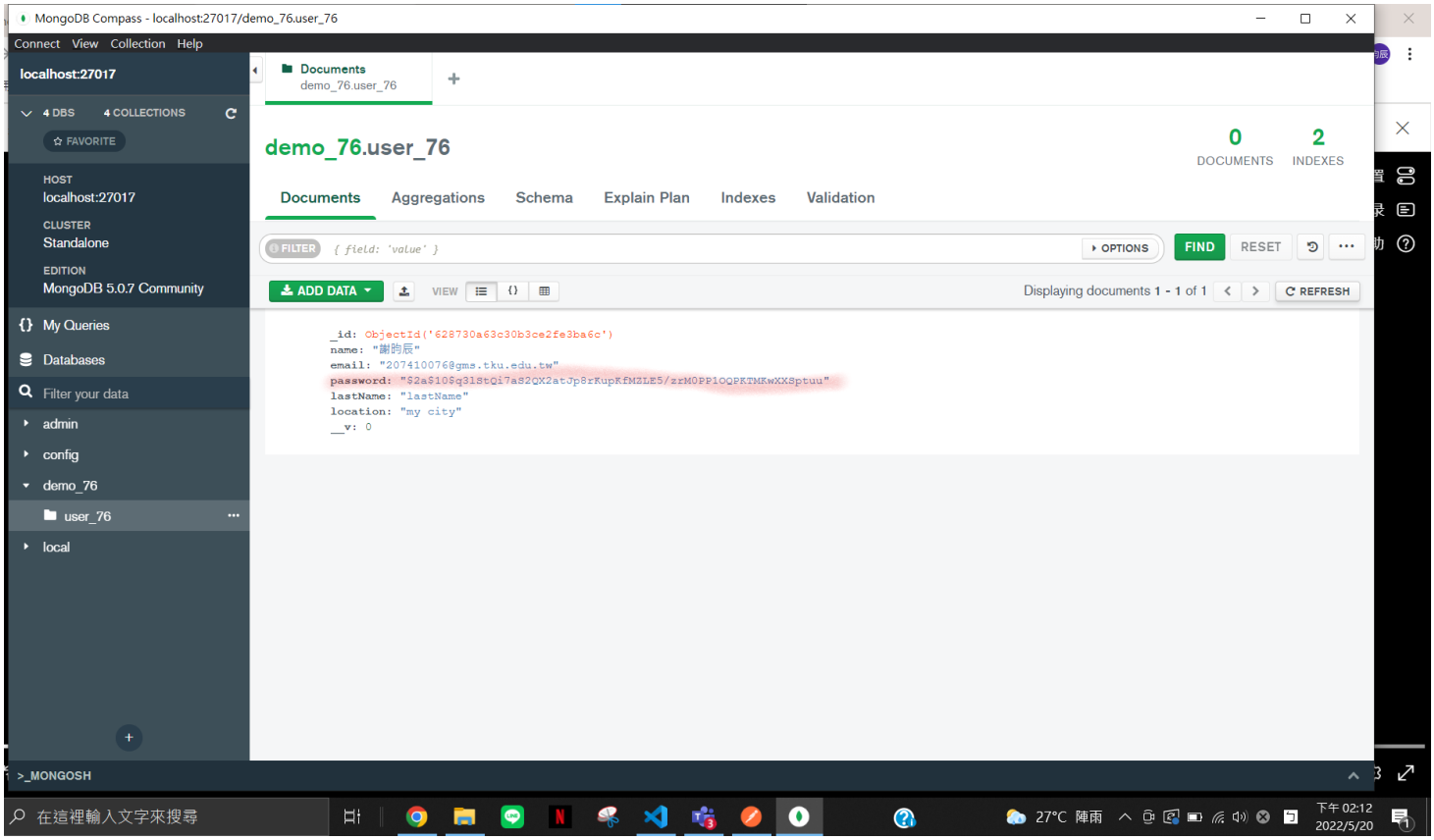


w13-p2: use validator package to check email, error sent to error-handler_xx.js

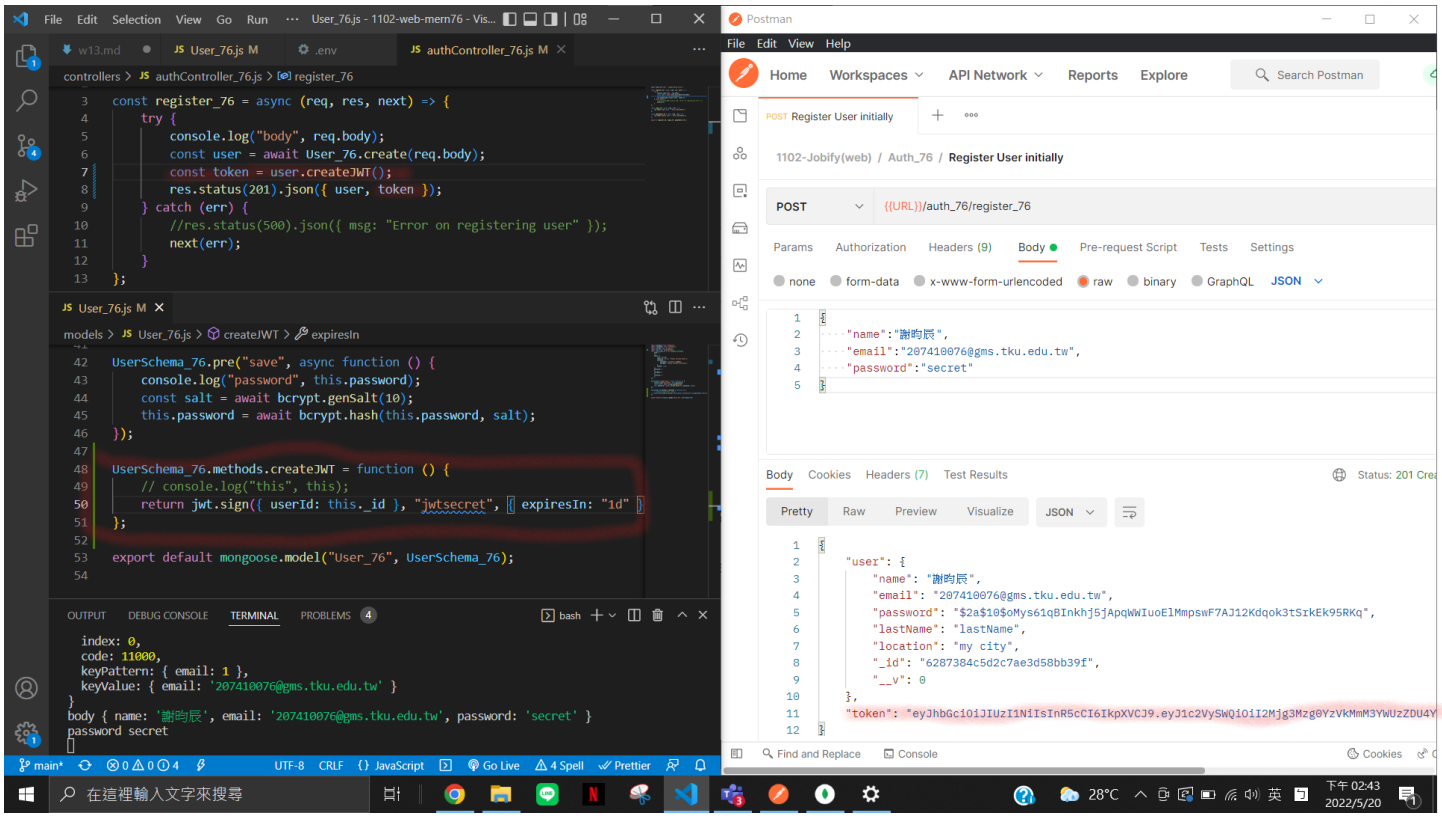


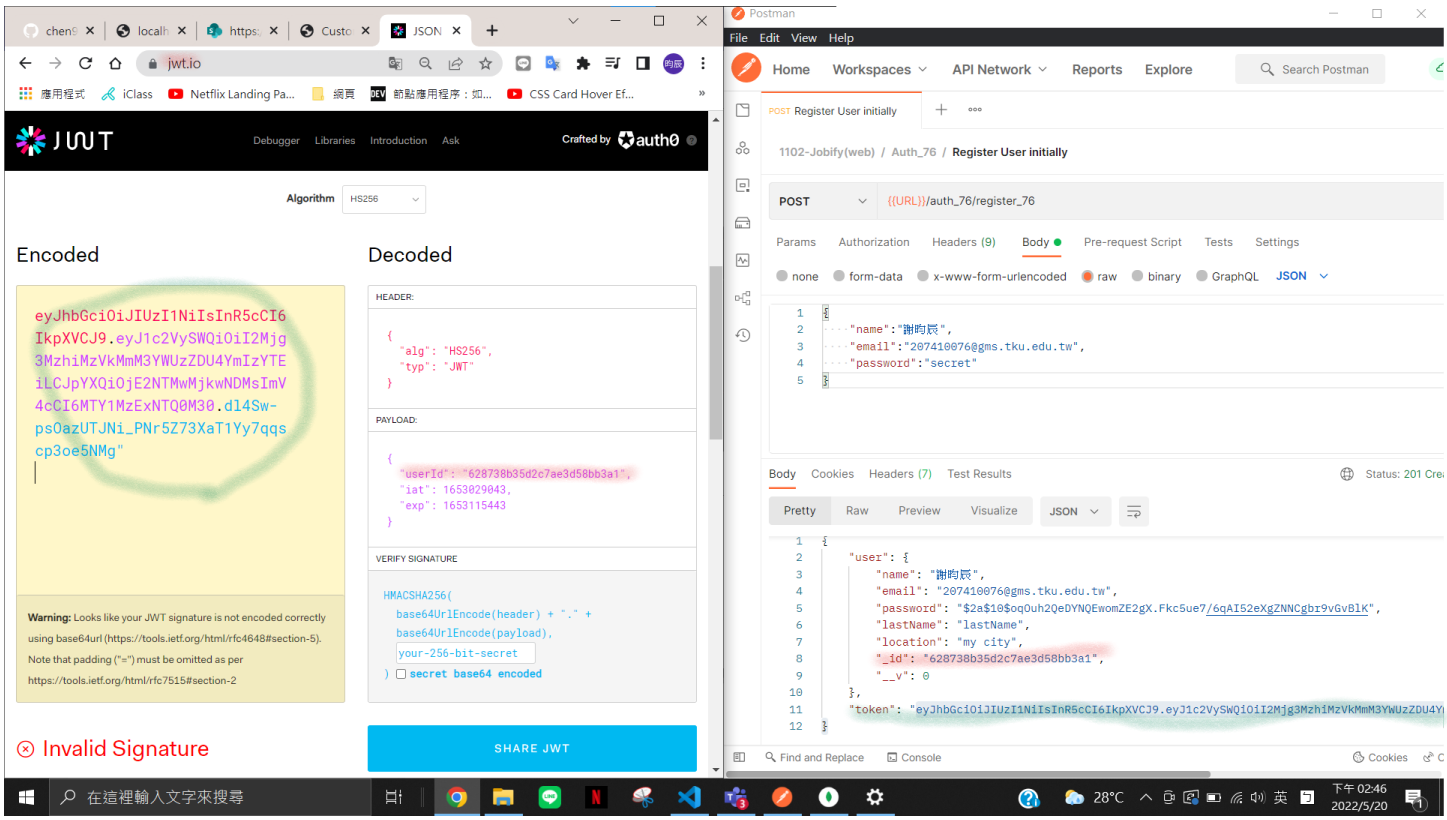
w13-p3: hash password using bcryptjs



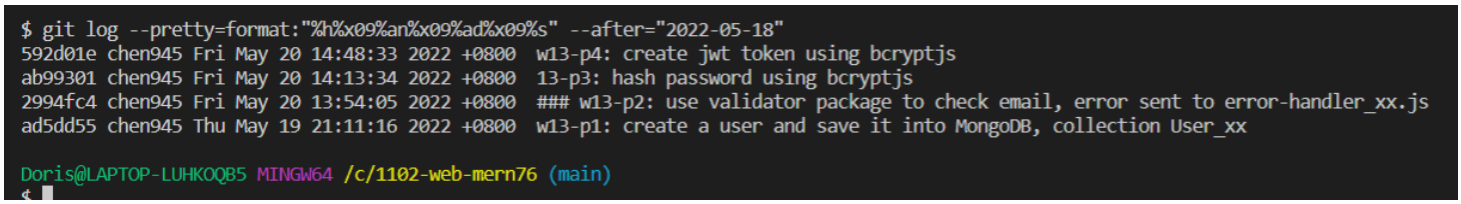


w13-p4: create jwt token using bcryptjs


File Edit Selection View Go Run
authController_76.js M
const register_76 = async (req, res, next) => {
try {
console.log("body", req.body);
const user = await User_76.create(req.body);
const token = user.createJWT();
res.status(201).json({ user, token });
} catch (err) {
next(err);
}
};
UserSchema_76.pre("save", async function () {
console.log("password", this.password);
const salt = await bcrypt.genSalt(10);
this.password = await bcrypt.hash(this.password, salt);
});
UserSchema_76.methods.createJWT = function () {
return jwt.sign({ userId: this._id }, "jwtsecret", { expiresIn: "1d" });
};
export default mongoose.model("User_76", UserSchema_76);
body { name: '謝昀辰', email: '207410076@gms.tku.edu.tw', password: 'secret' }
password secret
Postman
Home Workspaces API Network Reports Explore
Register User initially
1102-Jobify(web) / Auth_76 / Register User initially
POST {{URL}}/auth_76/register_76
Params Authorization Headers (9) Body Pre-request Script Tests Settings
none form-data x-www-form-urlencoded raw binary GraphQL JSON
{
"name":"謝昀辰",
"email":"207410076@gms.tku.edu.tw",
"password":"secret"
}
Body Cookies Headers (7) Test Results
Status: 201 Cre
Pretty Raw Preview Visualize JSON
{
"user": {
"name": "謝昀辰",
"email": "207410076@gms.tku.edu.tw",
"password": "$2a$10$oMys61qBInkhj5jApqWWIuoElMmpswF7AJ12Kdqok3tSzkEk95RKq",
"lastName": "lastName",
"location": "my city",
"_id": "6287384c5d2c7ae3d58bb39f",
"__v": 0
},
"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2Mjg3Mzg0YzVkMmM3YWUzZDU4Y
Find and Replace Console
Cookies


JWT
Debugger Libraries Introduction Ask
Crafted by auth0
Algorithm HS256
Encoded
eyJhbGciOiJIUzI1NiIsInR5cCI6
IkpXVCJ9.eyJ1c2VySWQiOiI2Mjg
3MzhiMzVkMmM3YWUzZDU4YmIzYTE
iLCJpYXQiOjE2NTMwMjkwNDMsImV
4cCI6MTY1MzExNTQ0M30.dl4Sw-
psOazUTJNi_PNr5Z73XaT1Yy7qqs
cp3oe5NMg"
Warning: Looks like your JWT signature is not encoded correctly using base64url (https://tools.ietf.org/html/rfc4648#section-5). Note that padding ("=") must be omitted as per https://tools.ietf.org/html/rfc7515#section-2
Invalid Signature
Decoded
HEADER:
{
"alg": "HS256",
"typ": "JWT"
}
PAYLOAD:
{
"userId": "628738b35d2c7ae3d58bb3a1",
"iat": 1653029043,
"exp": 1653115443
}
VERIFY SIGNATURE
HMACSHA256(
base64UrlEncode(header) + "." +
base64UrlEncode(payload),
your-256-bit-secret
) secret base64 encoded
SHARE JWT
Postman
Home Workspaces API Network Reports Explore
Register User initially
1102-Jobify(web) / Auth_76 / Register User initially
POST {{URL}}/auth_76/register_76
Params Authorization Headers (9) Body Pre-request Script Tests Settings
none form-data x-www-form-urlencoded raw binary GraphQL JSON
{
"name":"謝昀辰",
"email":"207410076@gms.tku.edu.tw",
"password":"secret"
}
Body Cookies Headers (7) Test Results
Status: 201 Cre
Pretty Raw Preview Visualize JSON
{
"user": {
"name": "謝昀辰",
"email": "207410076@gms.tku.edu.tw",
"password": "$2a$10$oqOuh2QeDYNQEwomZE2gX.Fkc5ue7/6qAI52eXgZNNCgbr9vGvBlK",
"lastName": "lastName",
"location": "my city",
"_id": "628738b35d2c7ae3d58bb3a1",
"__v": 0
},
"token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VySWQiOiI2Mjg3MzhiMzVkMmM3YWUzZDU4Y
Find and Replace Console
Cookies

p13-last-log




```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-05-18"
592d01e chen945 Fri May 20 14:48:33 2022 +0800  w13-p4: create jwt token using bcryptjs
ab99301 chen945 Fri May 20 14:13:34 2022 +0800  13-p3: hash password using bcryptjs
2994fc4 chen945 Fri May 20 13:54:05 2022 +0800  ### w13-p2: use validator package to check email, error sent to e
ad5dd55 chen945 Thu May 19 21:11:16 2022 +0800  w13-p1: create a user and save it into MongoDB, collection User_x
```