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<https://github.com/rmorassi/CS3219-OTOT-C>

**General details**

I created a web app to showcase authentication and authorisation. There are 5 endpoints to:

1. Register a user
2. Login (with username and password)
3. Display welcome message if authenticated
4. Whitelist a user
5. Display secret message if authenticated AND authorised

To do this, I use JWT.

**Proof of Authentication**

The following screenshot shows the welcome page if I am not authenticated.

Graphical user interface, text, application, email, website

Description automatically generated

In the following screenshots I show how I create a user, login and display a welcome message once authenticated.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

**Proof of Authorisation**

The following screenshot shows the welcome page if I am authenticated BUT not authorised.

Graphical user interface, text, application, email

Description automatically generated

In the following screenshots I authorise the user by visiting the relevant endpoint and then display a welcome message only shown to authorised users.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated