

Institute of Technology of Cambodia



Department of Information and Communication Engineering



Subject: INTERNET PROGRAMMING

TP08: VueJS, NodeJS

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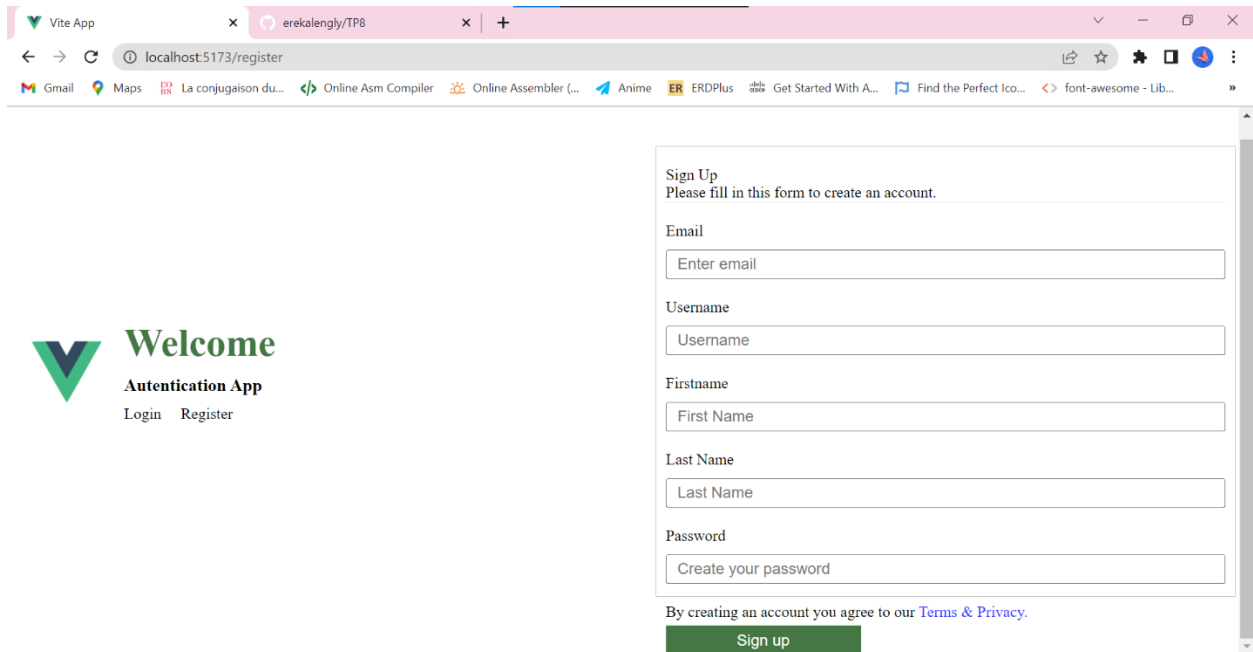
Academic year 2022-2023

URL: <https://github.com/erekalengly/TP8>

1. Auth screens in VueJS:

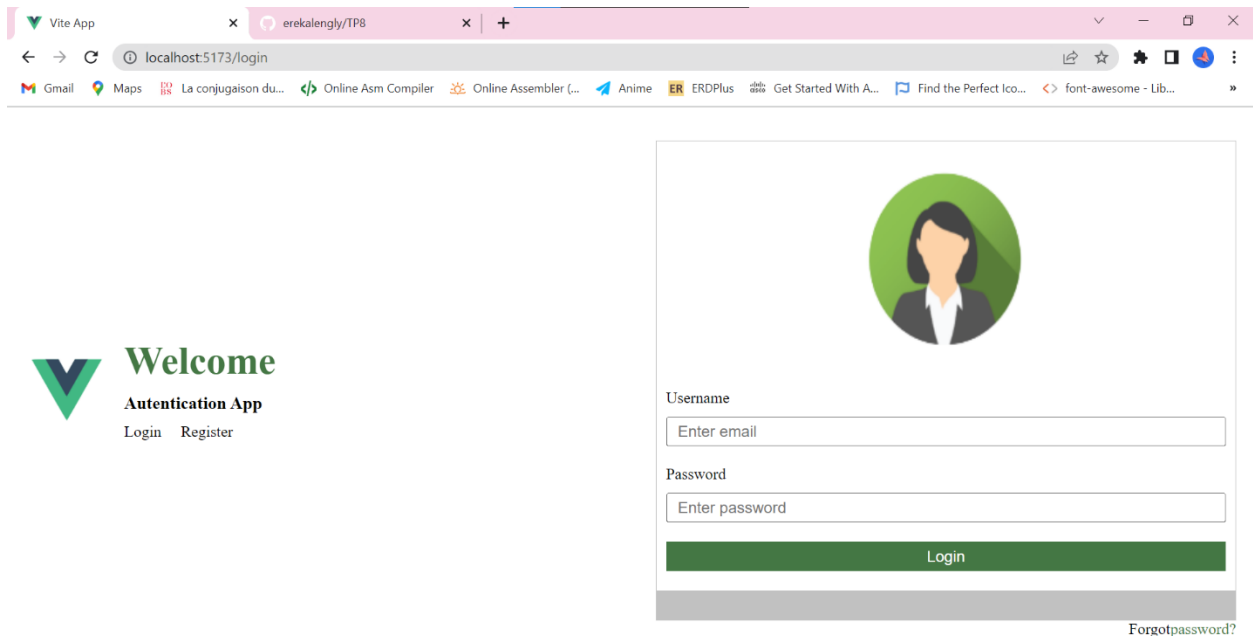
Create a simple login and register form in VueJS

- Register



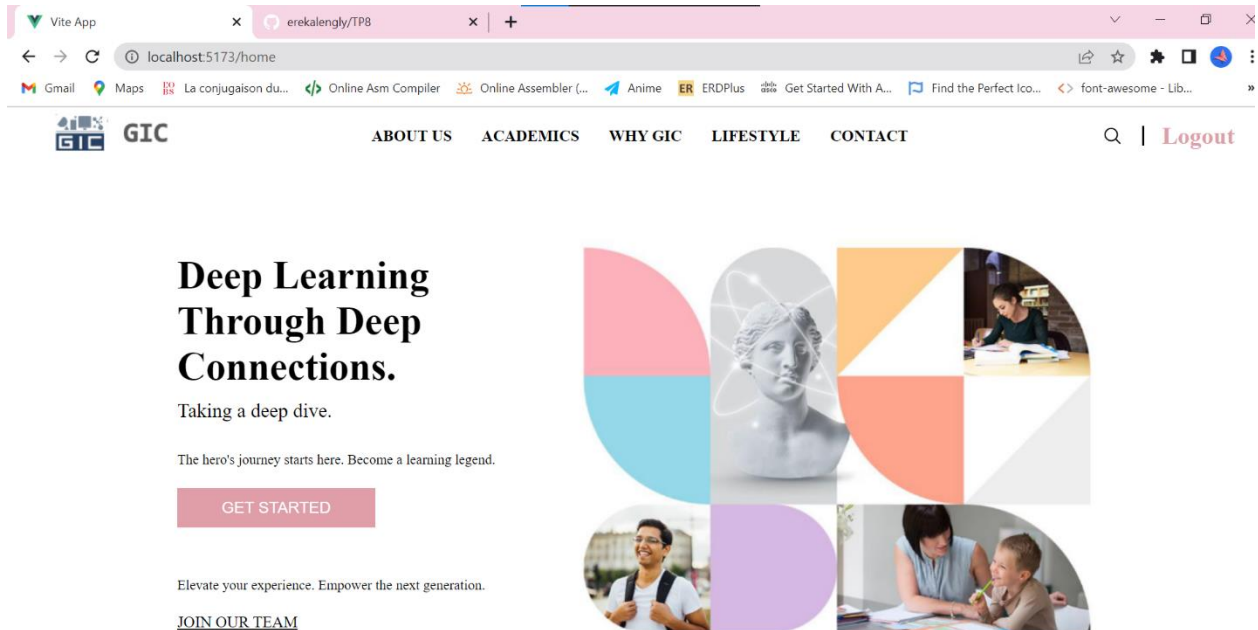
The screenshot shows a web browser window with the URL `localhost:5173/register`. The page features a sidebar on the left with a green 'V' logo, the text 'Welcome', 'Authentication App', and links for 'Login' and 'Register'. The main content area contains a 'Sign Up' form with the instruction 'Please fill in this form to create an account.' The form includes input fields for 'Email', 'Username', 'Firstname', 'Last Name', and 'Password' (with the placeholder 'Create your password'). Below the fields is a link to 'Terms & Privacy' and a green 'Sign up' button.

- Login



The screenshot shows a web browser window with the URL `localhost:5173/login`. The page features a sidebar on the left with a green 'V' logo, the text 'Welcome', 'Authentication App', and links for 'Login' and 'Register'. The main content area contains a 'Login' form. At the top of the form is a circular profile picture placeholder showing a person with dark hair. Below this are input fields for 'Username' (with the placeholder 'Enter email') and 'Password' (with the placeholder 'Enter password'). A green 'Login' button is at the bottom of the form. At the very bottom of the page, there is a link that says 'Forgot password?'.

- Homepage



2. NodeJS with ExpressJS

Create a nodejs APIs for authentication with ExpressJS. Use Json file as a database to store user's information.

POST ▼ http://127.0.0.1:3000/register Send ▼

Params Auth Headers (9) Body ● Pre-req. Tests Settings Cookies

raw ▼ JSON ▼ Beautify

```
1
2  ... "email": "secondtest",
3  ... "username": "erekaone",
4  ... "firstname": "ereka",
5  ... "lastname": "one",
6  ... "password": "12345"
7
```

Body Cookies Headers (8) Test Results 200 OK 28 ms 392 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ☰

```
1
2  "success": true,
3  "data": {
4    "email": "secondtest",
5    "username": "erekaone",
6    "firstname": "ereka",
7    "lastname": "one",
8    "password": "12345"
```

POST ▼ http://127.0.0.1:3000/login Send ▼

Params Auth Headers (9) **Body** ● Pre-req. Tests Settings Cookies

raw ▼ JSON ▼ Beautify

```
1 {
2   ... "email": "secondtest",
3   ... "password": "12345"
4 }
```

Body Cookies Headers (8) Test Results 200 OK 30 ms 283 B Save Response ▼

Pretty Raw Preview Visualize JSON ▼ ≡

```
1 {
2   "success": true
3 }
```

3. UI and APIs Integration.

Integration Login/Register app with API's

Vite App x erekalengly/TP8 x +

localhost:5173/register

localhost:5173 says
Register successfully OK

Welcome
Authentication App
Login Register

Email
secondtest

Username
erekaone

Firstname
ereka

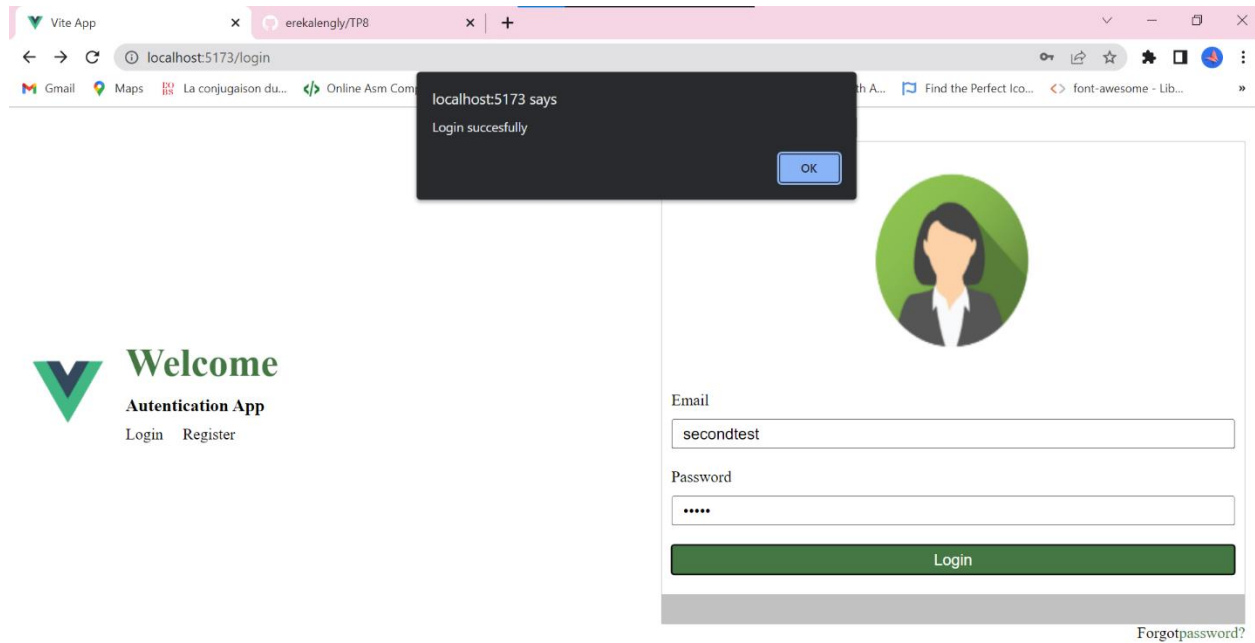
Last Name
one

Password
.....

By creating an account you agree to our [Terms & Privacy](#).

Sign up

INTERNET PROGRAMMING TP



To: Home page

