

# ReactJS – Origami Platform Workshop – Part 3

## 1. Overview

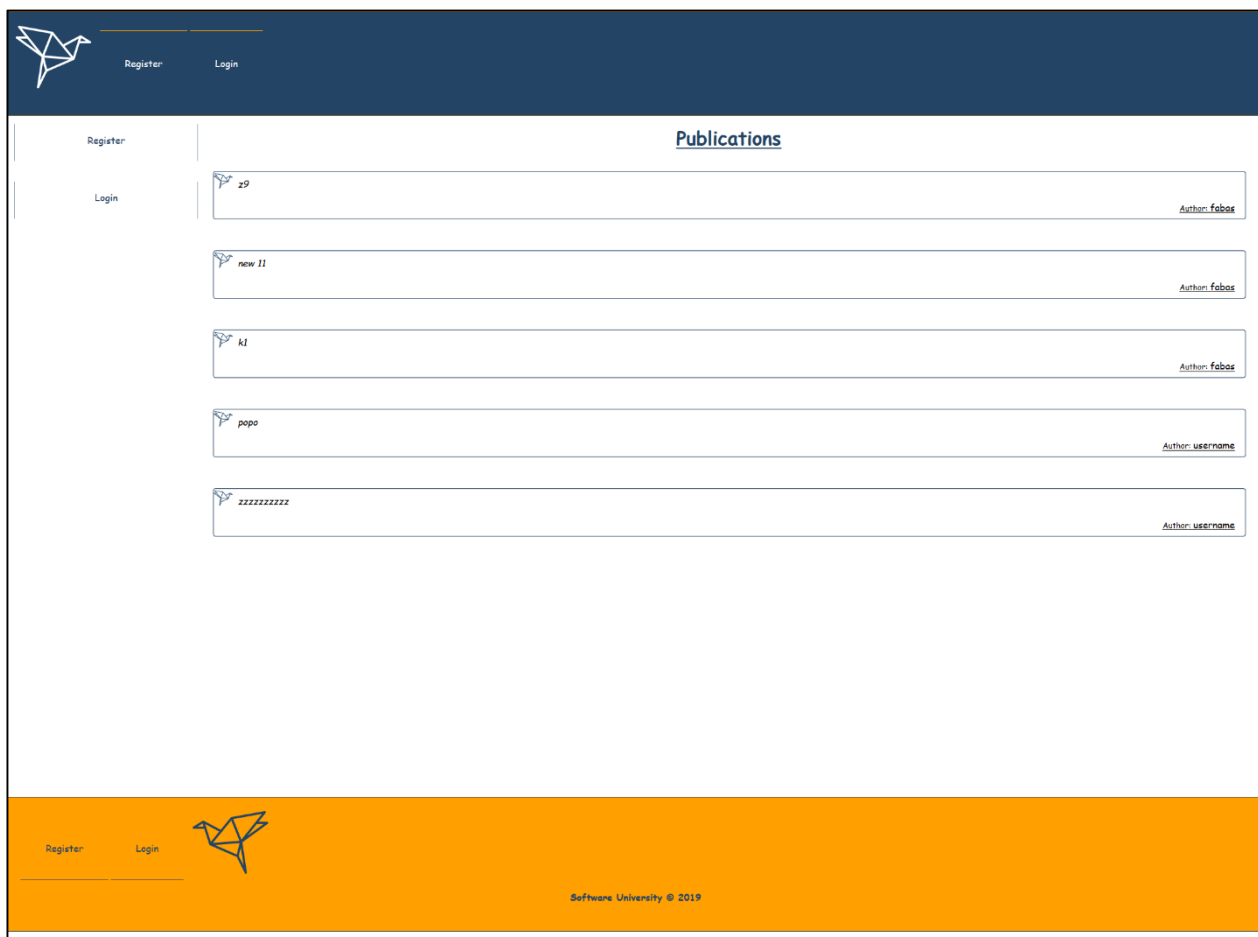
Now it's time to implement **private** and **public parts** for our app. And to make the already existing **forms** to **work**.

### Public Parts

This parts can be accessed by any **guest user** (not logged in)

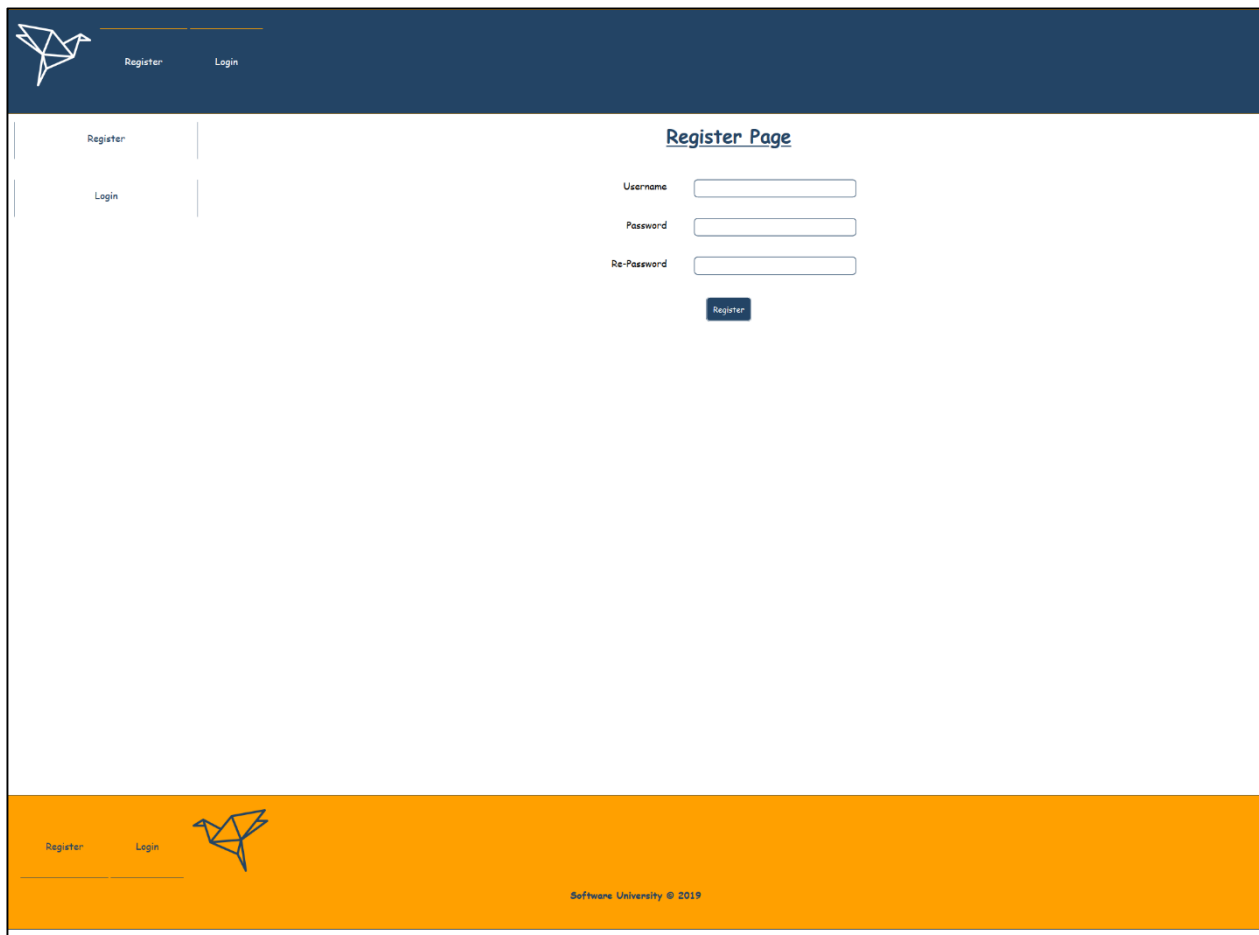
### Publications

Publications view **shows all created posts** from the database.



## Register

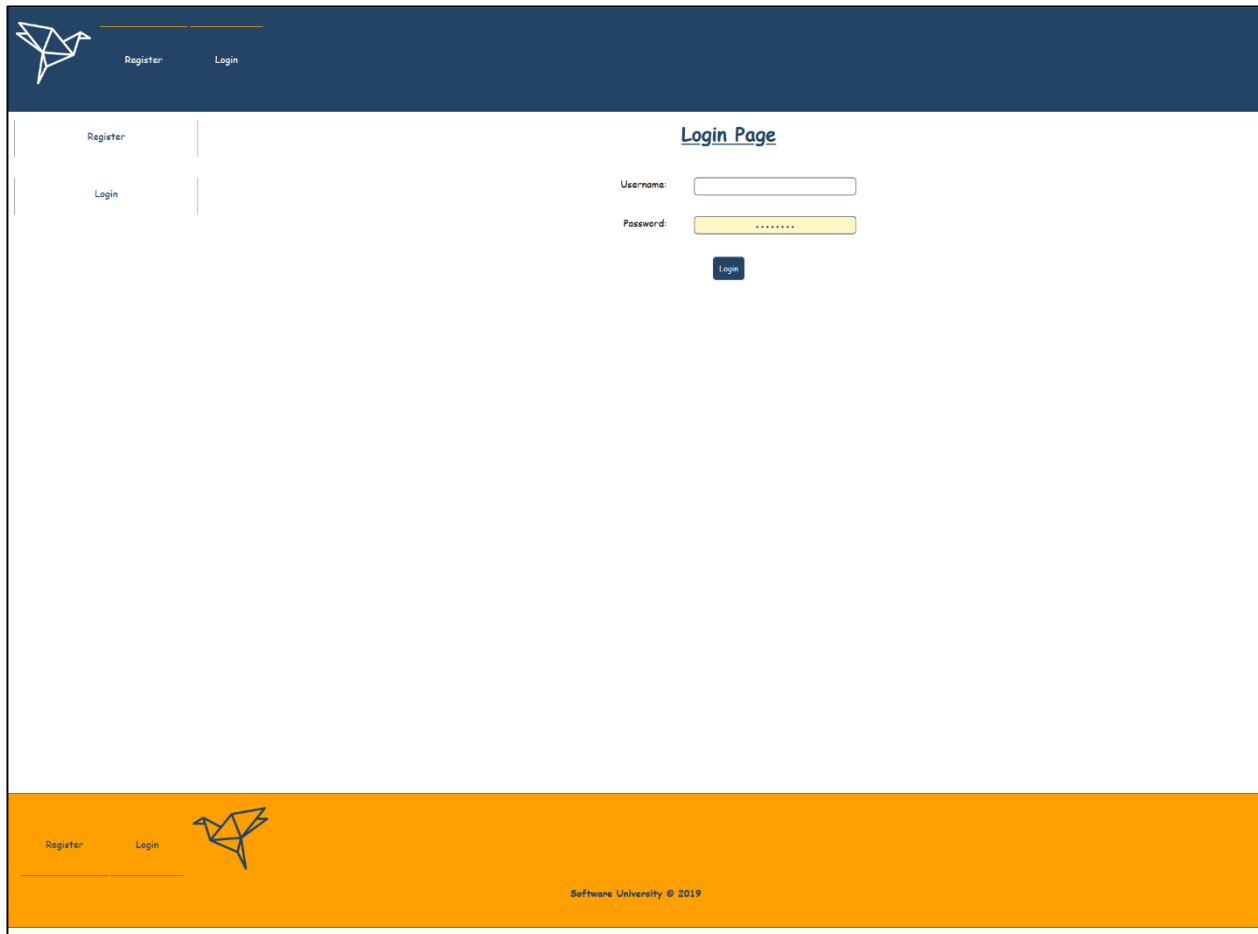
**Register form** should make a **post request** with the given data to the **API** and create a user



The image shows a web application interface for a registration page. At the top, there is a dark blue header bar containing a white geometric bird logo on the left and two links, "Register" and "Login", on the right. Below the header, the main content area has a light gray background. On the left side of this area, there is a vertical sidebar with two links: "Register" and "Login". The central part of the page is titled "Register Page" in a blue, underlined font. Below the title, there are three input fields labeled "Username", "Password", and "Re-Password". A dark blue "Register" button is positioned below the "Re-Password" field. At the bottom of the page, there is an orange footer bar. On the left of the footer, there are links for "Register" and "Login", followed by the white geometric bird logo. In the center of the footer, the text "Software University © 2019" is displayed.

## Login

Login form should also make a **post request** with the given data to the **API**, and if the **provided data** is **valid**, you should authorize the user (**can see the public parts**).



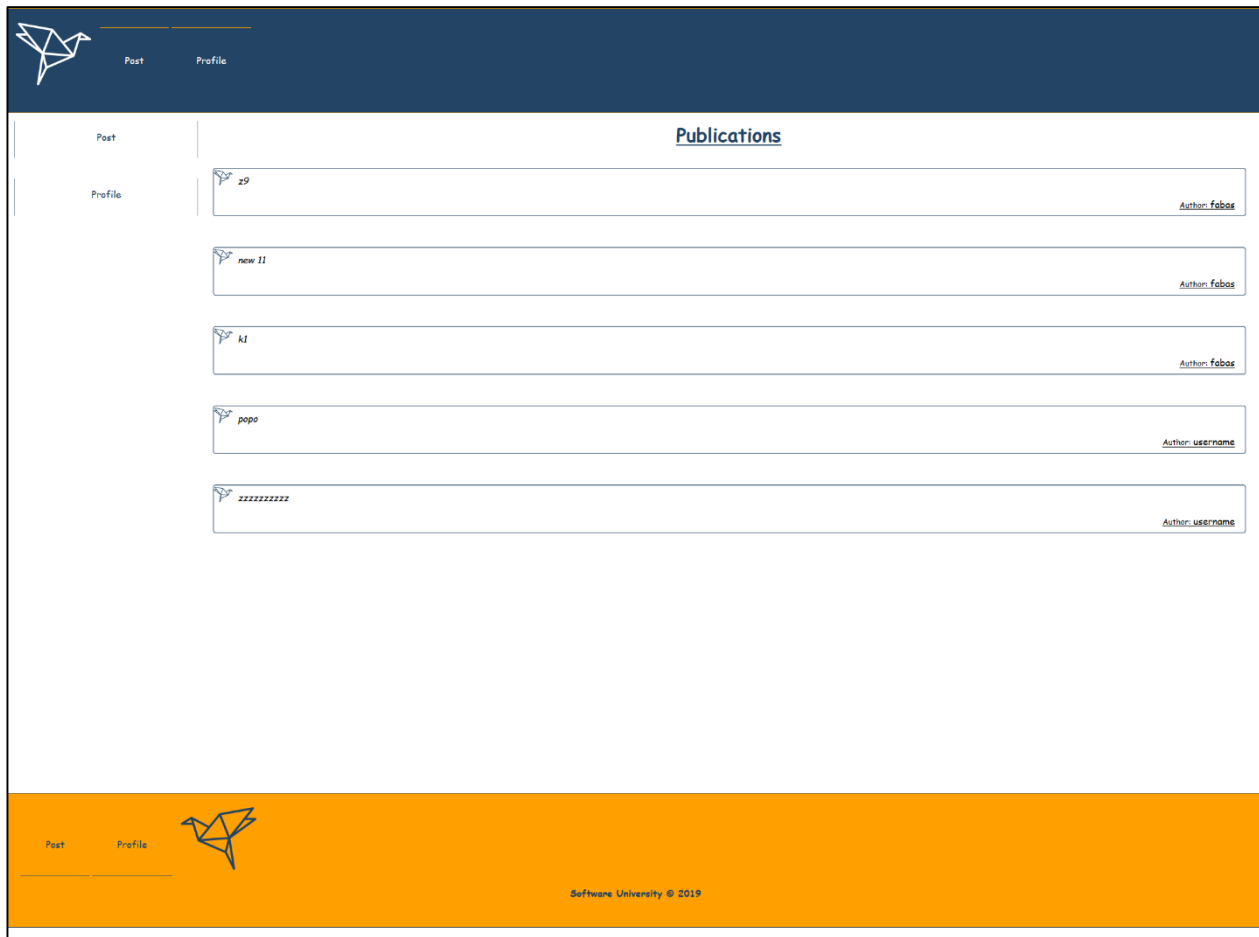
The screenshot shows a web application interface for a login page. At the top, there is a dark blue header with a white geometric bird logo on the left and two links, "Register" and "Login", in the center. Below the header, the main content area is white. On the left side of this area, there is a vertical sidebar with two links: "Register" and "Login". In the center of the main area, the text "Login Page" is displayed in blue. Below this text, there are two input fields: "Username:" followed by a white text box, and "Password:" followed by a yellow text box with masked characters (dots). Below the password field is a blue button labeled "Login". At the bottom of the page, there is an orange footer. On the left of the footer, there are links for "Register" and "Login" and a white geometric bird logo. On the right of the footer, the text "Software University © 2019" is displayed.

## Private Parts

Private parts should be accessed only by **logged in users** (**authorized with jwt token from the given API**)

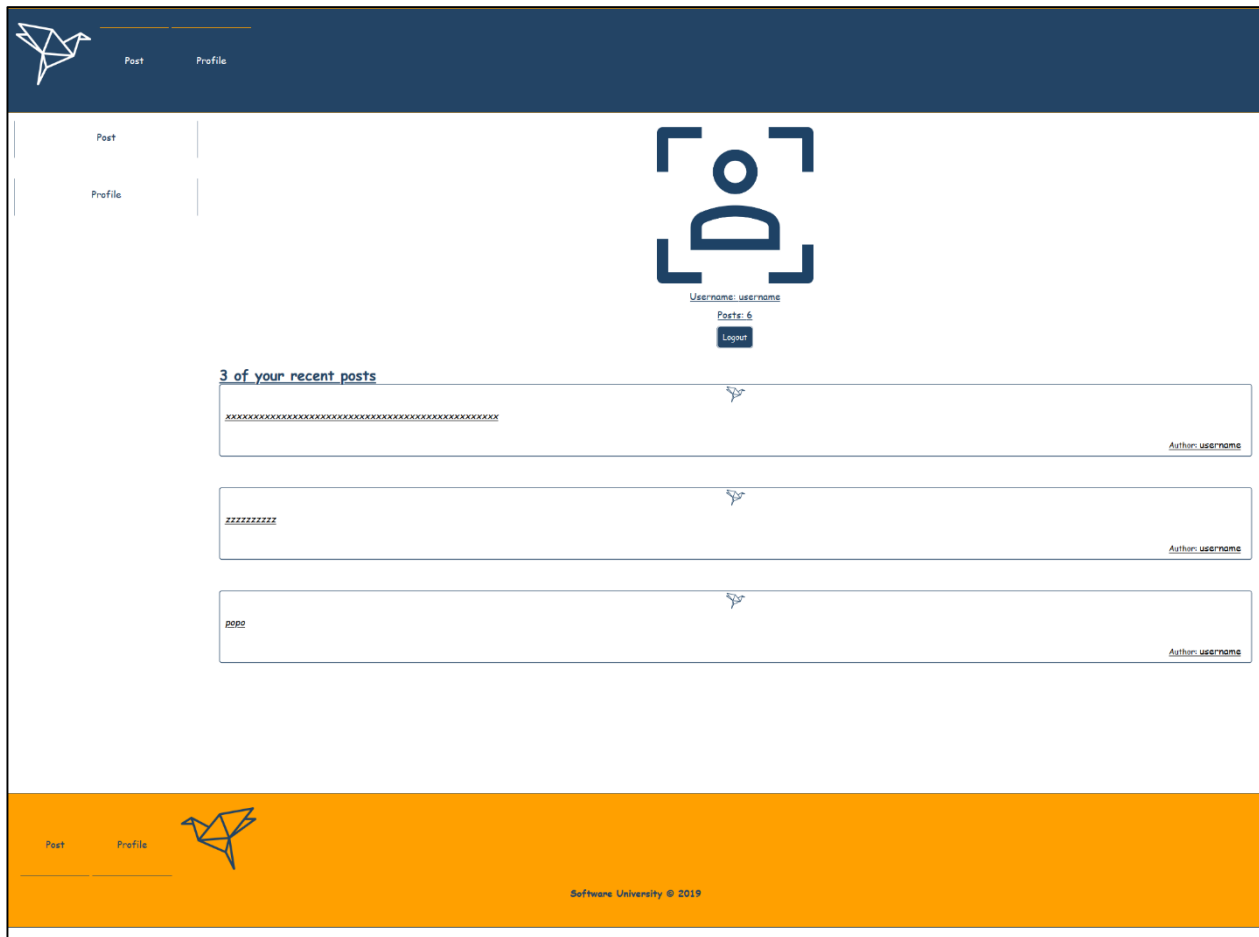
## Publications

Publications view **shows all created posts** from the database



## Profile

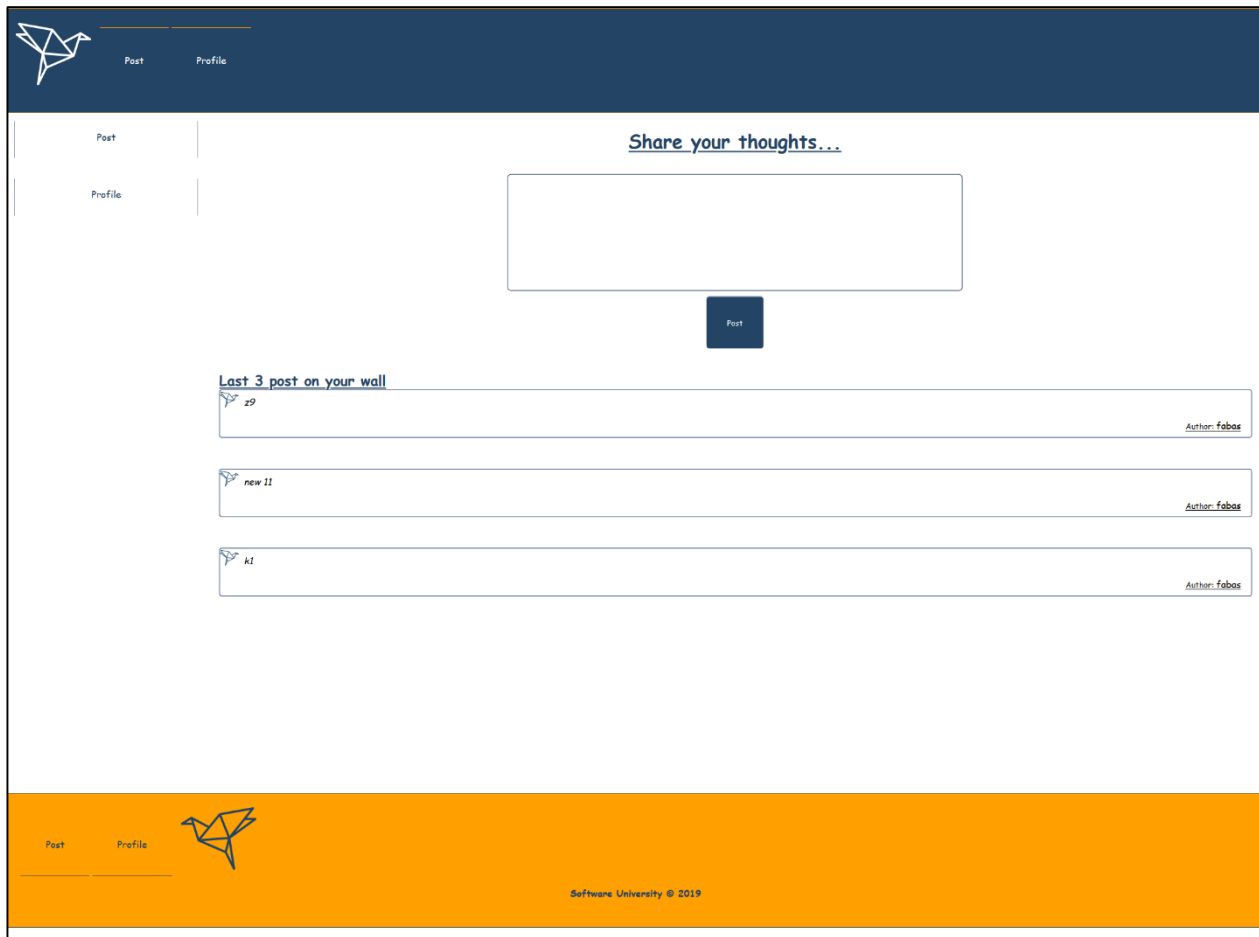
Profile page **shows** information about the currently logged-in user. This is his **username**, **total posts count** and the **top 3 of his recent posts**. Also, you should show a **[Logout] button**, which can be pressed and clear the **provided jwt** token from the API and redirect the user to the **publications page**.



## Post

In **Post view**, the form with the textarea should be able to make a **post request** with the given **post description**. If that happens, the user should be redirected to the **publication view**.

Also, this view, show the **top 3 recent posts** from the database.



## 2. Database

Use the provided **REST API** build with **Express.js** and **MongoDB**

### Server

The server will listen on port **9999** by default and **recognize** the following **paths** with **methods**:

- **Get request** - 'localhost:9999/api/origami/'
- **Post request** - 'localhost:9999/api/origami/'
- **Post request** - 'localhost:9999/api/user/register'
- **Post request** - 'localhost:9999/api/user/login'
- **Post request** - 'localhost:9999/api/user/logout'

*Good Luck*