

Forum Task

The task is to implement a simple forum functionality. Any questions regarding the task should be written in the public channel on Slack.

The following pages should be created

- Register Page
- Login Page
- Home Page
- Post List Page
- Post Create Page
- Post Detail Page

To pass (G) this task you must use **all** of the following technologies

- React
- React Components
- Styled Components
- useState
- useEffect
- Dynamic routes
- localStorage

For higher grade than pass (VG) you must use **all** of the technologies below

- Styled Components Inheritance
- useContext (or useReducer)
- Next.js
 - Either getServerSideProps or getStaticProps must be used

- Deploy to vercel
-

Pages

Register Page

Register page should include a form with the following fields:

- email
- password
- firstname
- lastname
- country (fetch list of countries from the back-end. See API below)

When the user has successfully registered, they should automatically navigate to the login page.

Login Page

Login page must include:

- Email
- Password

The form should be able to handle wrong credentials.

- "Unable to log in with provided credentials."

When the user has successfully registered, they should automatically navigate to the Home Page

Home Page

Should some generic text about the forum

Add link so the user can navigate to Post List Page

Should which user is logged in

Post List Page

List all posts

When the users clicks on a post they should navigate to the detail page for that post

Add link so user can navigate to Post Create Page

Post Create Page

This page should render a form where the user can create a new Post.

The form should contain

- title
- content
- category (Please see API below for list of all categories)

When a post is created successfully, the user should automatically navigate to the Post List Page

Post Detail Page

This page should render all of the data that is returned from the API for Post Detail.

A link to navigate to all posts should be present.

VG:

Add possibility to add a response

API

```
ROOT_URL = https://www.lab.willandskill.eu
```

Make sure to send the following headers to public endpoints

```
{
  "Content-Type": "application/json",
}
```

and the following headers (with your token) to private endpoints

```
{
  "Content-Type": "application/json",
  "Authorization": `Bearer ${token}`
}
```

User Create

```
const url = ${ROOT_URL}/api/v1/auth/users/
```

```
{
  email,
  password,
  country,
  firstName,
  lastName
}
```

User Authenticate

```
const url = ${ROOT_URL}/api/v1/auth/api-token-auth/
```

```
const payload = {
  email,
  password
}
```

Me

```
const url = ${ROOT_URL}/api/v1/me/
```

Country List

```
const url = ${ROOT_URL}/api/v1/countries/
```

User Login

```
const url = ${ROOT_URL}/api/v1/auth/api-token-auth/
```

```
{  
  email,  
  password  
}
```

Post List

```
const url = ${ROOT_URL}/api/v1/forum/posts/
```

Post Detail

```
const url = ${ROOT_URL}/api/v1/forum/posts/{id}/
```

Post Create

```
const url = ${ROOT_URL}/api/v1/forum/posts/
```

```
{  
  title,  
  content,  
  category  
}
```

Post Reply List

```
const uri = ${ROOT_URL}/api/v1/forum/posts/${id}/replies
```

Post Create Reply

```
const url = `${ROOT_URL}/api/v1/forum/posts/
```

```
{
  title,
  content,
  parent: {ID OF POST THAT WE WANT TO REPLY TO}
}
```

Tips

Create AuthKit to handle authentication and setting token to localStorage.

Create ForumKit to handle requests regarding posts and categories.

Deadline

2020-11-24 23:59

Please make sure that your project is uploaded as a zip file to Studentportalen before the deadline.