

Forum App

Description

Welcome to my Forum App. This is an online forum where users can ask questions and provide feedback to others' questions as well. React library has been used for the client side development and PHP Symfony framework is used for the backend development.

Supported features

- User - Login | Logout | Register
- Posts - List | Search | Add | Approve | Reject | Delete
- Comments - Add

Application stack

The application is divided in two parts

- Backend
- Frontend

Backend stack

- PHP 8.1
- Symfony 6.1
- Doctrine ORM 2.13

Backend services are separated from the frontend. Use REST API to access backend functionalities.

Frontend stack

- ReactJS 18.2.0
- Bootstrap 4.3.1
- ES6
- React router dom 4.3.1
- Axios 1.1.3 (for http requests to the backend)

Install and Run the Project

1. Install [Apache](#) web server
2. Install [MySQL](#) server
3. Install [PHP](#) with [Composer](#).
4. Install [NodeJS](#)
5. Clone the server side repository [git clone https://github.com/dlakmalb/forum_server_side.git](https://github.com/dlakmalb/forum_server_side.git)
6. Clone the client side repository [git clone https://github.com/dlakmalb/forum_client_side.git](https://github.com/dlakmalb/forum_client_side.git)
7. Go to server side project directory - cd forum_server_side
8. Go to client side project directory - cd forum_client_side
9. Run composer install command in server side
10. Run npm install in client side
11. Run migrations in server side - php bin/console doctrine:migrations:migrate
12. Change server side .env file by providing host name, password and database name
13. Start backend server - symfony server:start --port=8000
14. Start frontend server - npm start
15. Forum app server side will be available at [localhost://8000](http://localhost:8000)
16. Forum app client side will be available at [localhost://3000](http://localhost:3000)