



Frontend Developer Technical Assessment

Objective

Single Page Application using javascript, the application consumes social media API. UI design is not part of the scope, however please make the UI sensible or feel free to use your favorite UI kit (bootstrap, semantic-ui, foundation, etc...)

Requirements

Create a single page application using API from <https://jsonplaceholder.typicode.com>, Assume we are creating a social media homepage, the scenario is focused on browsing information.

- User can view list of users
- User can view list of posts of each user
- User can view the detail of each post and it's comment
- User can add, edit and delete post
- User can add, edit and delete comment

Rules

- You must use javascript and Reactjs as a view engine. And redux for state management.
- Initialize your project using create-react-app.
- Using React third party frameworks like NextJs, Gatsby are prohibited.
- Additional UI libraries like react-bootstrap, react-materialize are permitted.
- Submit your project in public git repository (Github, Gitlab, or Bitbucket)
- Please use first commit to initialize create-react-app only, and subsequent commit with proper commit logs
- Please add development documentation on readme file on your root project
- A great plus if your app using typescript or prop-types

- A great plus if your app deployed to hosting (netlify, vercel, or heroku)

Assessment Aspect

- Code cleanliness
- Application and state management structure
- Understanding of data type
- Quality assessment with unit test or functional API test
- Runnable locally in other local development machine or deployed to cloud infrastructure

Duration

Submission deadline is 3 days from the time this assessment is given.