

# Kumparan - Frontend Technical Assessment

Test Duration : 3 Days

## Objective

Single Page Application using **javascript**, the application consumes social media API. Please use the following requirement and rule when working on the assessment. Your assessment will be scored based on the key indicators stated in *Assessment Aspects* section.

We would like to create a social media dashboard. UI design is not part of the scope however please make the UI is sensible or feel free to use existing UI Kit (bootstrap/semantic-ui/foundation).

We suggest to focus on the working functionality and ensure the app is easy to use. You are free to add any assumption to ease your work. You are free to add your assumption to ease your work, for any additional assumption please include in your *readme* file. Should have any concern or need any clarification, please reach out.

Develop the task with the mindset that it must be ready for production. A great plus if the app is deployed to hosting (heroku/aws/azure/digital ocean). Please push the source code into your github/bitbucket repository and we will review the codes.

## Requirement

We are creating social media dashboard using single page application with this API <https://jsonplaceholder.typicode.com/> The scenario is focused on browsing the information.

- User can view list of users
- User can view list of posts of each user
- User can view list of albums of each user
- User can view the detail of each post and its comment
- User can view list of photos from an album
- User can view the detail of photo
- User can add, edit and delete post
- User can add, edit and delete comment

## Rule

- You must use javascript and react as view engine, additional library and framework,
- Please use first commit to initialise framework/libraries only, and the subsequent commits with proper commit logs

- You must submit your solution in public git repository
- Your application must be able to run locally or deployed to cloud infra that compatible with \*NIX/Linux environment
- If your application must be run locally, please have reasonable step (no more than 5 steps) and provide necessary readme
- If decided to deploy your solution in cloud infra, please make sure it's still up and accessible until the next 2 weeks after your submission
- Creating application from scratch and using state management is a plus!
- Submission deadline is 3 days from the time this assessment is given.

## **Assessment Aspects**

- Code cleanliness
- Application design and abstraction layer
- Quality assessment with unit test and or functional API test
- Runnable locally in other local development machine and or deployed to cloud infrastructure

Please add necessary comments for any highlights to help the reviewer baseline and assumption about your submission.