

# July Monthly Test - F.E & B.E

Welcome to your first React and Node combined test. The application's scope won't be too deep as it's for 50 marks. However, you will code everything that we have covered till date.

What I would like you to create is an Image status upload application. Sort of like Imgur. If you have never heard about it, I would request you to check it out [here](#) and take a stroll for some time. It's basically a hub where you can pretty much upload photos and talk about memes and stuff. Don't worry, I won't ask to clone it, but I am a bit curious about the following features.

1. Authentication
2. Image upload feature for auth users, with description and title, with privacy status (Just like we saw on Youtube Data API while creating playlists).
3. Visiting the images (which have a privacy status of "public") of what others have posted.
4. Add posts to favorites (both on backend as well as frontend), and be able to visit them whenever needed on a separate page. (For auth users only).

Uploading Images should be either direct click, or by drag and drop. Just like how netlify does. Also the input should only accept images. In other words, the file type should start with “image/\*” where \* represents anything like png, jpeg, gif etc. Image upload should be multiple, that is images can be batch uploaded.

So, I hope I made sense. Oh yeah by the way, you should use PostgreSQL for the data storage and the photos should not be directly uploaded to the database, but the file path alone.

Deploy your front end on Netlify and your backend on Heroku, and take care of the pesky CORS errors. You know what I mean.

It's been like 6+ months since you learnt backend, so I am not going to specify obvious schema models, structure of each object. Make it fool proof and design is something you don't have to be super specific. Use any CSS Framework.

**ALL THE VERY BEST !!**