1. Create client and server folder.
   1. Client: npx create-react-app
   2. Server: npm init -y to initiate package.json with the basic settings
2. In the server directory, npm install body-parser cors express mongoose
   1. Body-parser: enable post request
   2. CORS: enable cross-origin request
   3. Express: framework as routing for the application
   4. Mongoose: create model for our post.
   5. Nodemon: Help to reset the server everytime there is changes
   6. Graphical user interface, text, application

      Description automatically generated
      1. Const express = require(‘express’); is the usual syntax for backend.
      2. With the new version of node, can use import syntax. Need to add one line below “main” in package.json. “type”: module,
3. At client side copy the package.json from the video and do “npm install –legacy-peer-deps” to make sure its run smoothly
4. Create MongoDB acc, setup database– shared (free), **Database Access** - create user, **network access** – add current IP, **Datebase –** connect your application (copy the link and change the user password). Paste in server index.js as CONNECTION\_URL
5. Add routes
6. Add controllers – logic in controller export it as function to router.js
7. Add models

Auth middleware

npm install jsonwebtoken --save

**Note**

1. Cors error: add proxy in client package.json
2. Connection\_url and PORT should not be posted on github publicly. Expose sensitive information.
   1. .env file is only accessible on your pc, will not be posted on github.
   2. # NEED TO DO "npm i dotenv". to allow these variable to be visible via the application

**YT video whole workflow explanation 2:13:20**