**MERN Full Stack dev learning Tutorial**

**12/16/2024**

This document will serve as my Design Analysis Document that I will use to go over my design as well as other notes I will betaking as I learn. It will also include notes I will be taking for my future self to change the web app into a task manager that I will use to send emails to me for tasks to do for the day.

Incorporating creating an API for the backend as well as a front-end look, hopefully with an authentication aspect integrated with AI for the email generation part. God willing.

**Shortcuts**

Ctrl + j = new terminal

**Files**

Package.json : The scripts section is where all your scripts will be. Installed by : **npm init -y**.

\*Important u install node.js.

"type": "module" : Used when u want to use import export funcnality in your syntax.

**Install commands**

Package.json : The scripts section is where all your scripts will be. Installed by : **npm init -y**.

npm install express mongoose dotenv: Installs all dependencies like mogo db, express and dotenv in the package.json.

npm i nodemon -D: Installs nodemon which is a package that gets something called nodemon that tracks your scripts to run.

**MongoDB**

Created a project name and a cluster0. TO optimize I went into NEtweork access to anywhere. BAD THING THO.

**Problems**

For some reason I couldn’t connect to MongoDB using my password. I changed it so that could be why. I had to wait a few minutes to update.