MEMORIES APPLICATION

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# Backend Setup (SERVER)

* + Index

|  |  |  |
| --- | --- | --- |
| **Dependencies** | **Description** | **How** |
| Body-parser | Enable us to send post request | Npm install |
| CORS | Enable us to Cross origin requests | Npm install |
| express | Framework for creating routs for our application | Npm install |
| Mongoose | To create models for our posts | Npm install |
| nodemon | For automatic reset the server every time we make a change | Npm install |

# Set start script in package.json

Add this after main  
 “type”:”module”,

Replace test script with

“start”: “nodemon index.js”

# Frontend Setup (CLIENT)

* + Create react app
  + Instal node
  + Delete all files and folders from src & Create index.js file in src folder

|  |  |  |
| --- | --- | --- |
| **Dependencies** | **Description** | **How** |
| axios | For making API’s Requests | Npm install |
| moment | Library for working with time and date | Npm install |
| Rect-file-base64 | To convert images | Npm install |
| redux | Explained in separate file attached | Npm install |
| Redux thunk | Used for Asunc actions using redux | Npm install |

# Connect server to read DB

# Routes

* + Get
  + Post
  + Patch
  + Delete

# Controller

# Model

# Components

# Styling

# API

# Redux

* + **(Redux is a pattern and library for managing and updating application state, using events called "actions", )**
  + Create structure(files and folders)
  + Client-src
    - Actions
      * Posts.js
    - Reducers
      * Index.js
      * Posts.js

# Src-index.js

* + Import provider (keep track of that store, allow access to that store from any where)
  + Create store, applymiddleware(it support async ftns, way to extend Redux with custom functionality),compose
  + Import thunk