**Twitter Clone (Social Media) Thought Note**

**Frontend**

* Create a Folder pages ,config and components in src folder
* Created a UI Home.js for created a tweeter UI
* Login.js for Create a Login page
* Profile.js for Create a Profile Page
* Register.js for Sign Up page
* Tweeter details.js for Detailed Tweeter Page

**Components:**

* In components Sidebar.js and RightSidebar.js is Created and Render it On Required Pages

**Redux:**

* Created tweeterReducer and userReducer to maintain state gobally

**Backend**

* Create a package.json file
* Then Install the required Packages express bcrypt cors .dotenv jsonwebtoken mongoose,multer
* Create a Server.js File and Import the Required Packages and create Server
* Connect mangodb database using mongoose library
* Create a Required Model Routes, Controllers , Authentication

1. **Routes :**

* In Routes create Tweet.js , Multer.js , Auth.js

1. **Auth.js:** contain all the Routes of UserAPI with end Points(end point for Register Login, get User, Follow user , Unfollow user , edit user, get user tweet and update profile pic.

* All Routes are protected by Tweetcontroller and isAuth middleware

1. **Tweet.js:** Created the Routers for Tweet API with end points Create Tweet with endpoint for create Tweet , like tweet , Dislike Tweet, Reply Tweet,getall tweet, , delete tweet, retweet. All the end points are Protected by Tweetcontroller Middlerware and isAuth
2. **Multer.js:** Created API for Upload Post and Profile Pic Create Tweet with endpoint for create Tweet, like tweet , Dislike Tweet, Reply Tweet,getall tweet, , delete tweet, retweet. All the end points are Protected by Tweet Control and isAuth

* All the API are Created in controllers folder
* Create a Separate Upload Folder for store the profile using multer.
* **Model:**
* Create a Tweet Model and UserModels with required schema and exported both the schemas