THOUGHT NOTE

Project Name: Twitter Clone (Capstone Project)
Technology used:
    Front-end app: React.js, Redux, CSS, Bootstrap
    Back-end app: Express.js, Mongoose (database), node.js, postman

The project which I have created has a front-end application **(twitter-fe)** and back-end application **(twitter-be)**.

I have created a Twitter Clone app in such a way that the user first needs to register by providing their full name, user name, email, and password. Then, they need to login with help of login and password. And once the user registers they cannot register again with the same name, user name, email, and password.

Once the user registers with their details mentioned, they can log in whenever they need. Once the user logs in, they are able to upload a new tweet, retweet, like, unlike, follow other users, are able to see followers of their page and are able to edit their profile.

In the home page, I have created a side, in which it has Home button, Profile button, logout button and user name and full name at the bottom of the sidebar.

In the home page which I have created the user is able to see all the tweets, and able to tweet by clicking on the New tweet button. And the user only can delete the tweet which is created by their own by clicking on the delete icon.

In the home page, the user once logged in, they can like the tweet, unlike the tweet, retweet the tweet by clicking on the respective buttons which were created.

In the profile page which I have created, the user is able to edit their name, date of birth, and location by clicking on the edit profile button. In this page the user can see the tweets which they tweeted.

For creating this project, in the front-end application, I have used React, Redux, CSS for style sheet, Bootstrap, JSX (Java Script Extension), Google fonts for font style, Font awesome icons for like, unlike,delete, retweet, axois, sweetalert2 for spinner loading, react-router-dom to link with the respective pages.

For the back-end application, I have installed and used express, nodemon, mongoose as database and link between back-end and database, postman to check the API's, json-web-token for password, cors to link between front-end application and back-end application, multer to upload image.