MEAN STACK TO-DO APP
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Simple To-Do List using MEAN stack (MongoDB, ExpressJS, Angular, NodeJS)

Requirements:

- Download project repository: git clone https://github.com/saptarshi3112/mean-todo.git
- Download and install NodeJS, NPM and ANGULAR CLI
- The Database is setup in MongoDB atlas server.

Project Setup:

- Enter main directory: cd mean-todo/
- Run **npm install** to download all dependencies and packages
- Install Angular CLI and NODEJS
- To Launch Angular Frontend serve run: **ng serve --open**
- To Launch Express backend run : **node app.js**
- The frontend runs on : http://localhost:4200/ and the backend runs on http://localhost:5000/
- Optional: Install nodemon and run **nodemon app.js**

Tools Used:
- **Editor**: Sublime-text-3 with tern_for_sublime.
- Ubuntu Linux terminal.
- Emmet plugin for HTML completions.
- Google Chrome.

Technologies Used:

- **Angular CLI** and **Express JS** frameworks.
- **MongoDB, Mongoose** for database in mongoAtlas server.
- **JWT(Json web tokens)** to store user information.
- **BcryptJS** to hash password before storing the password in database.
- **Bootstrap** and **Angular Material** for frontend design.
- **Font Awesome** library for icons
- **Jwt-decode** library to decode jsonwebtoken.