# Project

- Project Name: Note Taking Website

- Project Description: A simple website to take notes save images share with colleagues

- Functionalities:

  - Login Logout

  - Sign up

  - JWT

  - CRUD for notes

  - lazy loaded notes module

  - save images

  - format **text**

    - this needs researching

  - sharing with link

    - http://localhost:3000/api/notes/1234

  - proper UI

- Daily Tasks

  - Friday 2/2/2023

    - Create DB

      - Create Atlas Account and replica set

      - create schema for user and note

      - create collections for each

      - Schemas

        - Note:

- _id
- title
- description
- body
- user_id
- images[ ]
- authorized_users[ ]
- created at
- modified at

- User:
  - _id
  - first name
  - last name
  - email
  - password
  - created at
  - last login

- Create Back End Code
  - node
  - dependencies: express,multer,mongoose,morgan,cors,jwt
  - controllers
    - userController
      - sign in
      - sign up

- - - delete user
  - noteController
    - add authorised_user(if it is the same id as owner id)
    - CRUD
    - addimage
- middlewares
  - checkToken
  - checkAuthorization
- routes
  - userRouter
    - login
    - signup
    - logout
  - noteRouter
    - CRUD
    - addImage
- models
  - userModel
    - schema
  - noteModel
    - schema
- config.json and dotenv
  - needs researching
  - add to .gitignore