Crud

Assignment

Question 1 : User Management Backend with Express and MongoDB

Objective:
Design and develop a user management backend system using Express.js and MongoDB, allowing users to create, login account

Requirements:
1. Implement a RESTful API using Express.js for handling user-related operations.
2. Utilise MongoDB as the database for storing user information.
3. Include functionality for user registration, User Login.
4. Ensure proper validation and error handling throughout the application.
5. Develop clear and well-structured code with appropriate comments.
6. Provide API documentation, including endpoints, request/response formats, and error handling.

Review and submit:
    a. Review your code, ensuring it follows best practices and is well-structured.
    b. Double-check the functionality, error handling, and documentation.
    c. Upload Your Code on GitHub with the API documentation (readme).

Note: You can make use of additional npm packages or libraries based on your requirements to enhance the functionality and security of your application.

Api Endpoints

Register
Method: POST
Endpoint: /register
Payload:
{ "name": "user_name", "email": "user_email", "password": "user_password" }
Response :
{"msg":"User Registered Successfully"}

LOGIN
Method: POST
Endpoint: /login
Payload:
{ "email": "user_email", "password": "user_password" }
Response:
{"msg":"User Login Successfully"}

```
// Features to Implement

// 1. Create a Middleware that checks if user has provided mandatory field to register
//       as name,email,password if validation failed send resp
//   as {msg:"all input fields are required"}

// 2. Create a Middleware that checks if user  has provided mandatory field to login
//       as email,password if validation failed send resp
//   // as {msg:"all input fields are required"}

// 3.Check if user acocunt exist with email if not send resp
//     as {msg:"No account associate with this email"} else check password


// 4.Check if user has provided correct password or not  if wrong password send resp
//     | as {msg:"Password is wrong"}
//     else {msg:"User login successfully"}
```