

Assignment 06

3/2/21

11/10

Title: API for CRUD operations.

Problem Statement: Create an API using Node.js, Express.js and MongoDB for CRUD operations for Register User, Login User, Show User Data.

Objective: Use node.js, express, mongoose and mongodb to create CRUD operations for user administration.

Theory: CRUD is an acronym for Create, Read, Update and Delete. It is a set of operations we get servers to execute (POST, GET, PUT and DELETE requests respectively). This is what each operation does.

- Create (POST) - Make Something
- Read (GET) - Get Something
- Update (PUT) - Change Something
- Delete (DELETE) - Remove Something

Step 1: Creating Application

Step 2: Install dependencies

Step 3: Configuring and Connecting to the database

Step 4: Create Mongoose Model

Step 5: Create the Controller

Inside app/controller folder, create Users.js with these CRUD functions

- Create
- find ALL
- find One
- Update
- destroy.

Step 6: define Routes.

- When a client sends a request for an endpoint using HTTP request (GET, POST, PUT, DELETE) we need to determine the routes.

Conclusion: Thus, we have used nodeJS, express, mongoDB and mongoose libraries to create CRUD Operations.