

Assignment report

CRUD Operations with Node.js, Express, MongoDB and Postman

Introduction

This report covers the implementation of a REST API server using Node.js, Express, and MongoDB. The API allows users to Create, Read, Update, and Delete (CRUD) operations on a collection of books. Additionally, we will demonstrate how to test these operations using Postman.

Setup

Prerequisites

- Node.js and npm installed
- MongoDB installed and running
- Postman installed for API testing

Project Initialization

1. **Initialize a Node.js Project**
2. **Install Required Dependencies**
3. **Create Directory Structure**
4. MongoDB Connection
5. Implement CRUD Routes

Testing with Postman

1. POST /addtask
2. GET /tasks
3. DELETE /deletetask
4. UPDATE/updatetask

Conclusion

This report covers the steps to create a simple REST API using Node.js, Express, and MongoDB, and how to test the CRUD operations using Postman. By following these steps, you can extend this project to include more features and handle different types of data.