Mobile API and Framework

**Group:** 1

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**Task:** Group Assignment-2: Express API using CRUD Operations.

**Directory Structure:**

* Index.js
* Src
  + Controller
    - bookController.js
  + Model
    - bookModel.js
  + Middleware
    - bookMiddleware.js
  + Routes
    - bookRoutes.js

The above structure shows that our project has followed the MVC pattern.

**Code Comments and Documentation:**

The JavaScript code contains inline comments that provide clear explanations of complex functions and event handling. The comments aim to enhance readability without introducing unnecessary complexity, following best practices for clarity.

**Screenshots of the Postman:**

1. **Create New Book:**

Below screenshot shows new book is added using body with required details. And the result is displayed after the book is successfully added to the database.

A screenshot of a computer

Description automatically generated

1. **Fetching All Books**

Below screenshot shows list of all books from the database.

A screenshot of a computer

Description automatically generated

1. **Fetching Book By ID**

Below screenshot shows the result of fetched book according to the id provided while requesting.

**A screenshot of a computer

Description automatically generated**

1. **Updating Book**

Below screenshot shows body in JSON format where new information is inputted. And the result is displayed accordingly after the book is successfully updated to the database.

A screenshot of a computer

Description automatically generated

1. **Deleting Book by ID**

Below screenshot shows book is deleted using book id. And the result is displayed as null because no book was available with given id after the book is successfully deleted.

**A screenshot of a computer

Description automatically generated**