Mini Project: Notes API (MongoDB + Express)

Project Overview

In this project, students will build a backend REST API for managing notes, similar to a simplified Google Keep. The API will allow users to create, read, update, and delete notes using MongoDB and Express.

Tech Stack

- Node.js
- Express.js
- MongoDB
- Mongoose
- Postman (for API testing)

Features

- Create a new note
- Get all notes
- Get a note by ID
- Update a note
- Delete a note

Note Schema

Each note document should contain the following fields:

- title (String, required)
- content (String, required)
- createdAt (Date, auto-generated)

API Routes

- POST /notes – Create a new note
- GET /notes – Fetch all notes
- GET /notes/:id – Fetch a single note
- PUT /notes/:id – Update a note
- DELETE /notes/:id – Delete a note