**MERN MINIPROJECTS**

**1. Task Tracker App**

**Description**: Create a simple task tracker where users can add, view, update, and delete tasks. This will help you understand how to perform CRUD operations in a MERN stack application.

**Features:**

* Add a new task (with name, description, and due date).
* Edit and delete tasks.
* Mark tasks as completed.
* View a list of all tasks.
* Store task data in MongoDB.

**Steps:**

* Set up a Node.js backend with Express and connect it to MongoDB.
* Create routes for adding, editing, deleting, and fetching tasks.
* Build a React frontend where users can view the list of tasks, add new ones, and edit them.

**2. Notes App**

**Description**: Create a simple note-taking app where users can create, update, delete, and view notes.

**Features:**

* Add new notes with title and content.
* Edit existing notes.
* Delete notes.
* View a list of all notes.
* Store notes in MongoDB.

**Steps:**

* Set up Express routes for handling notes (CRUD operations).
* Use React for rendering the list of notes and forms to add or update notes.
* Integrate React with the backend using Axios or Fetch to send data to the server.

**3. Simple Blog Platform (Without Authentication)**

**Description**: Create a simple blog where users can create, read, update, and delete blog posts.

**Features:**

* Add a new blog post (title and content).
* Edit and delete posts.
* View a list of all blog posts.

**Steps:**

* Set up the backend with Express to handle CRUD operations for blog posts.
* Create a React frontend where users can interact with the blog posts.
* Use MongoDB to store blog posts.

**4. Simple Inventory Management App**

**Description**: Create a basic inventory management app where users can track items in their store or warehouse.

**Features:**

* Add new items (name, quantity, price).
* Update item details (name, quantity, price).
* Delete items.
* Display an inventory list.

**Steps:**

* Set up Express routes for managing inventory items (CRUD operations).
* Use React to build the UI to add and update items in the inventory.
* Store the inventory data in MongoDB.