

No.	Title	Description
1	Project Setup	Create main folder with backend and frontend subfolders.
2	Initialize Backend	Run npm init -y to create package.json.
3	Install Express	Install Express framework using npm i express@4.18.2.
4	Create Server	Build server.js file and start server on port 5001.
5	Package Update	Edit package.json to add dev script and "type": "module".
6	Nodemon Setup	Install and configure nodemon for auto-restart during development.
7	API Creation	Define RESTful routes using GET, POST, PUT, and DELETE.
8	Route Separation	Move API routes to a separate file routes/notesRoute.js.
9	Controller Setup	Transfer API logic to controllers/notesController.js.
10	Database Config	Create config/db.js to connect MongoDB database.
11	Environment Setup	Use .env file for storing sensitive info like PORT and MONGO_URL.
12	Model Design	Define Mongoose schema in models/notesModel.js with timestamps.
13	API Testing	Test all routes (GET, POST, PUT, DELETE) using Postman.
14	Middleware Setup	Create middleware folder and handle requests using Upstash rate limit.
15	Server Integration	Connect middleware, routes, and database inside server.js.