**Note:to run the project use (npm run dev)**

**Notes App Using Node.Js And Flutter**

**Requirement**

* **Node.js**
* **Npm**
* **Express**
* **MongoDb**
* **Mongoose (to connect server to database)**
* **Nodemor(To reflect live changes made in the code)**
* **Body-parse (parses the request body)(** **npm install body-parser )**

**Creating A New Node.js Project**

**->Create an entry point i.e server.js file**

**->To run server.js on terminal use command (node server.js)**

**Create Our First Express Server**

**->First initialize npm in your project folder,use the command (npm init)**

**->give package name**

**->Install Express to create server,use the command (npm install express)**

**Create MongoDB DataBase**

**->Sign up using google**

**->Create organization**

**->create project**

**->create cluster**

**->click on QuickStart ->create user for authentication ->add ur current ip addres**

**->Click on network access->add ip address->select allow access from anywhere, to access it from any ip addess**

**Install Mongoose For Connecting Database**

**->use the command (npm install mongoose)**

**Install Nodemon to reflect the live changes made in code**

**->use the command (nmp install -g nodemon) -> -g to install it globally**

**Create model to store our notes in database**

**->create folder in src folder (models)**

**->create a file Notes.js**

//Steps

//1.Define Scheme-> Note: id, userid, title , content , dateadded

//2.Create Model->  <model name> <schema> Note

**Host our api on Heruko**

**Setting up Heruko Cli**

**->Create an account on heruko**

**->Download and install Heruko Cli ->** [**https://devcenter.heroku.com/articles/heroku-cli#download-and-install**](https://devcenter.heroku.com/articles/heroku-cli#download-and-install)

**->install git**

**-> save the prot to variable and use that**

const PORT=process.env.PORT || 5000

**Upload the code to Heroku**

**Upload project on git**

**Using terminal create Heroku app**

**->use the command (heroku create)**