Setup of Node with Mongo

Install

* Node.js
* MongoDB
* Robo 3t

<https://nodejs.org/en/download/package-manager/>

<https://docs.mongodb.com/manual/installation/>

To start mongo db at time of starting system

# service mongod start

# service mongod status

kindly run npm -v and mongo --version

// for auto build to save

npm install --save-dev nodemon

npm install express --save

// for db schema config

mongoose - npm install mongoose --save

Update in package.json

…

…

"scripts": {

"start" :"nodemon index.js"

},

…

// for kill process of node server

ps -ef | grep index.js

Kill -9 pid\_no

All in Index.js

var express = require('express'),

app = express(),

// for encode json/formData

bodyParser = require('body-parser');

app.use(bodyParser.urlencoded({ extended: true }));

app.use(bodyParser.json());

// for connecting database

mongoose = require('mongoose')

mongoose.Promise = global.Promise;

mongoose.connect('mongodb://localhost/amit',{useUnifiedTopology: true,

useNewUrlParser: true});

// for model to structure data

var mongoose = require('mongoose');

var Schema = mongoose.Schema;

var userModel = mongoose.model('hero',new Schema({ //if table not exit auto create table

name: {type:String,required: true},

}));

// create a get userList

app.get('/list',(req,res)=>{

userModel.find({}).then((list)=>{

res.json(list);

}).catch((e)=>{

res.status(500).json(e);

})

});

// for get userList by id

app.get('/get/:id',(req,res)=>{

userModel.findById(req.params.id).then((user)=>{

if(user)

res.json(user);

else

res.status(404).end();

}).catch((e)=>{

res.status(500).json(e);

})

});

// for create user

app.post('/list',(req,res)=>{

userModel.create(req.body).then((user)=>{

res.json(user);

}).catch((e)=>{

res.status(500).json(e);

})

});

port = process.env.PORT || 3000,

app.listen(port);

console.log('todo list RESTful API server started on: ' + port);

To connect Db

mongoose = require('mongoose')

mongoose.Promise = global.Promise;

//mongodb://localhost/amit

mongoose.connect('mongodb://brain1uMMong0User:PL5qnU9nuvX0pBa@localhost:27017/amitpandey?authSource=admin',{useUnifiedTopology: true,

useNewUrlParser: true});

// sample

"database" : "mongodb://localhost:27017/CareNowApp?authSource=admin",

// "username" : 'brain1uMMong0User',

// "password" :'PL5qnU9nuvX0pBa',