**Creating Models in Mern**

*File name will be like - user.models.js - and it will inside Models folder*

*Install mongoose first -- npm I mongoose*

*We will create a user mode ls as shown like this*

const mongoose **=** require("mongoose")**;**

const userSchema **=** **new** mongoose**.**Schema(

  {

    username**:** {

      type**:** String**,**

      required**:** [true**,** "username is required"]**,**

      unique**:** true**,**

      lowercase**:** true**,**

    }**,**

    email**:** {

      type**:** String**,**

      required**:** true**,**

      unique**:** true**,**

      lowercase**:** true**,**

    }**,**

    password**:** {

      type**:** String**,**

      required**:** true**,**

      unique**:** true**,**

      lowercase**:** true**,**

    }**,**

  }**,**

  { timestamps**:** true }

)**;**

*export* const User **=** mongoose**.**model("User"**,** userSchema)**;**

*import mongoose from ‘mongoose’;*

*const userSchema = new mongoose.Schema({},{timestamps:true})*

*export const User = mongoose.model(“User”,userSchema);*

*Sub todo.model.js example*

const mongoose **=** require("mongoose")**;**

const subtodosSchema **=** **new** mongoose**.**Schema(

  {

    content**:** {

      type**:** String**,**

      required**:** true**,**

    }**,**

    complete**:** {

      type**:** Boolean**,**

      default**:** false**,**

    }**,**

    createdBy**:** {

      type**:** mongoose**.***Schema***.***Types***.***ObjectId***, //access from other model**

      ref**:** "User"**,**

    }**,**

  }**,**

  { timestamps**:** true }

)**;**

*export* const Subtodos **=** mongoose**.**model("Subtodos"**,** subtodosSchema)**;**

*Data base Connection*

import mongoose from 'mongoose';

const connectDb = async () => {

    try {

        await mongoose.connect("mongodb+srv://harshupadhyayupps:2tVZRIk3rgQ8xCiF@cluster13.cb9lnqo.mongodb.net/todos")

    } catch (error) {

        console.log("MongoDb Connection Error :", error);

        process.exit(1)

    }

}

export default connectDb;

*we can call this in main index.js file to connect*

*connectDb();*