**Creating an E-Commerce Site project**

1. Select a website topic for your project
2. Create a flowchart for your website
3. Now create Github repository for your project.
4. Now start working on Backend first. So we have to create schemas and API’s for our project
5. Install packages for express and mongo

* npm i express
* npm i mongoose
* npm I @hapi/joi
* npm i config
* npm i nodemailer (This package is for ForgotPassword)

For backend first create **connection in index.js** file.

let express = require("express");

let mongoose=require("mongoose");

let app=express();

let port=process.env.PORT

app.use(express.json());

//connection

mongoose

.connect("mongodb://localhost/ECommerceProjectDB",{useNewUrlParser:true,useUnifiedTopology:true})

.then(()=>console.log("Succesfully connected to db"))

.catch(error=>console.log(`Something went wrong ${error.message}`));

app.listen(port, ()=>console.log("Connected to port"));

Now crate two separate folders 1. DataBase 2. APIs

Now **start creating schema files** for the project in **DataBase** folder. Create separate files for each schema. For ex. Our project has UserSchema, ProductSchema, CategorySchema, UserCartSchema, ContactUsSchema. So create separate JS files for each schema.

Once Schemas are done, **start working on APIs**. For APIs also create separate JS files.

1. Install necessary packages for your project in your project folder:

* create-react-app projectname or foldername
* npm install react-bootstrap bootstrap
* npm i react-router-dom react-redux redux redux-thunk [axios@0.18.1](mailto:axios@0.18.1) history (These are different packages we can install in one go)

1. Now that all the packages are installed, open project folder in visual studio code and create sub-folder structure inside this main project folder

→reducers folder

→store folder

→action folder