**Big Basket Application (MERN Stack Application)**

Client side : React + Bootstrap

Server Side : Express + MongoDB + Node JS

**Client Configuration :**

src => app

=>root

=>components

=>navbar

=>home

=>products

=>components

=>product-list

=>product-admin

=>create-product

=>update-product

**Server Configuration :**

* Here we used modules like below

Modules : express, cors, mongoose, dotenv, express-validator(server side form validator)

* Install the above modules like below

npm install express cors mongoose dotenv express-validator

* Router : only one Router like productRouter

**Rest API Configuration :**

1. @usage : Get all the Products

@url : <http://127.0.0.1:5000/api/products/>

@fields : no-fields

@method : GET

@access : PUBLIC

1. @usage : Get a Single Product

@url : http://127.0.0.1:5000/api/products/:product\_id

@fields : no-fields

@method : GET

@access : PUBLIC

1. @usage : Create a Product

@url : <http://127.0.0.1:5000/api/products/>

@fields : name, image, price, qty, info

@method : POST

@access : PUBLIC

1. @usage : Update a Product

@url : <http://127.0.0.1:5000/api/products/>:product\_id

@fields : name, image, price, qty, info

@method : PUT

@access : PUBLIC

1. @usage : Delete a Product

@url : <http://127.0.0.1:5000/api/products/>:product\_id

@fields : no-fields

@method : DELETE

@access : PUBLIC

**MongoDB Configuration :**

Database name : big-basket

Tables : products

Products fields : name, image, price, qty, info, created date.

**Installing the modules for server side**

* For creating package.json just do **npm init –yes**
* For install modules **npm install express cors mongoose dotenv express-validator**