

1. Exercise1

Category:

```
1 const router = require("express").Router();
2 const {
3   create,
4   getCat,
5   deleted,
6   update
7 } = require("../controller/category");
8
9
10 router.get("/", getCat);
11 router.post("/create", create);
12 router.post("/delete/:id", deleted);
13 router.post("/edit/:id", update);
14
15 module.exports = router;
16
```

SubCategory:

```
const router = require("express").Router();
const {
  create,
  getSub,
  update,
  deleted,
} = require("../controller/subcategory");

router.get("/", getSub);
router.post("/create", create);
router.post("/delete/:id", deleted);
router.post("/edit/:id", update);

module.exports = router;
```

Product:

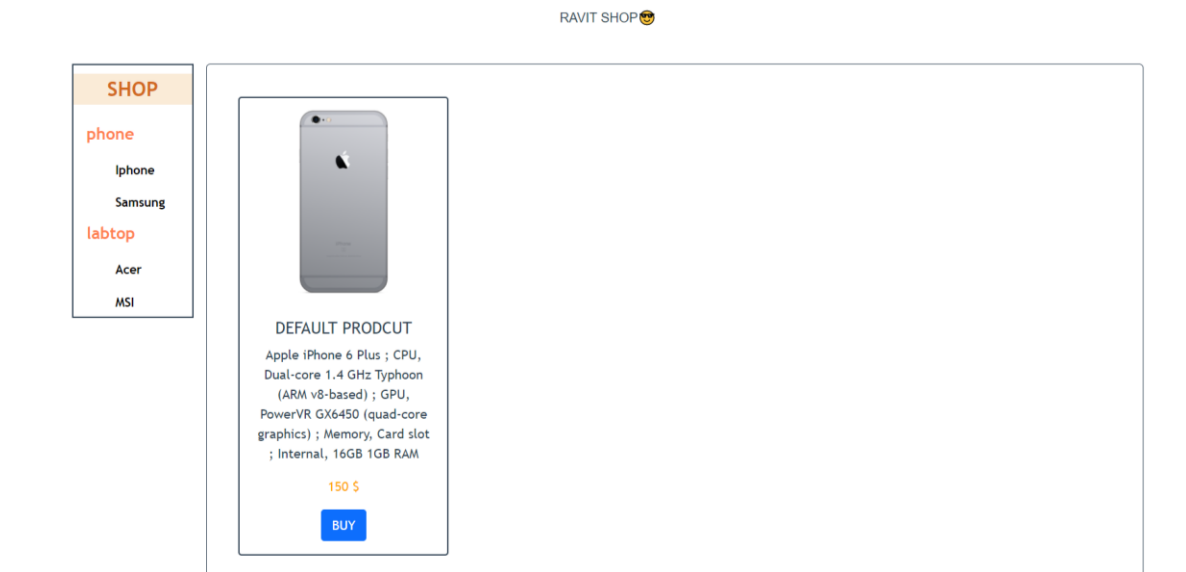
```
const router = require("express").Router();

const {
  create,
  getPro,
  deleted,
  update,
  getproductbySub
} = require("../controller/product");

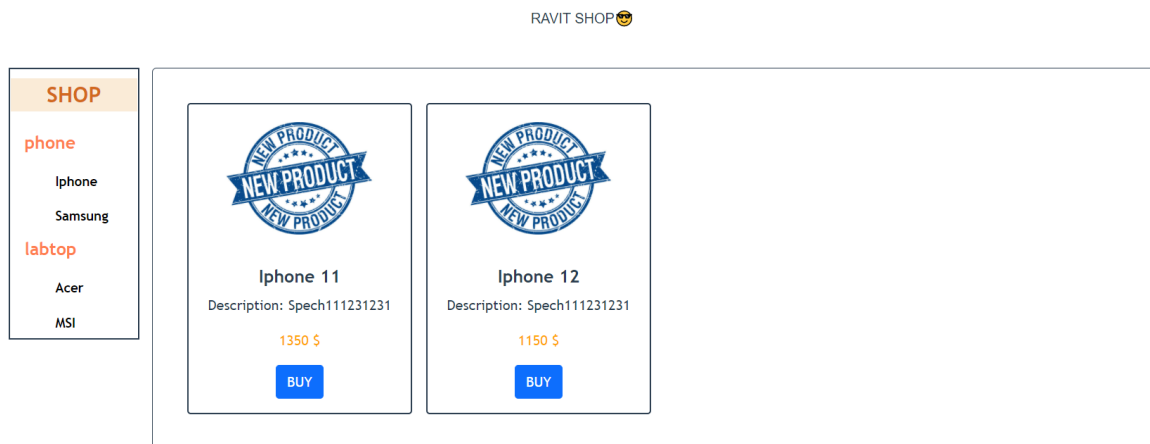
router.get("/", getPro);
router.get("/:id", getproductbySub);
router.post("/create", create);
router.post("/delete/:id", deleted);
router.post("/edit/:id", update);
```

2. Exercise2

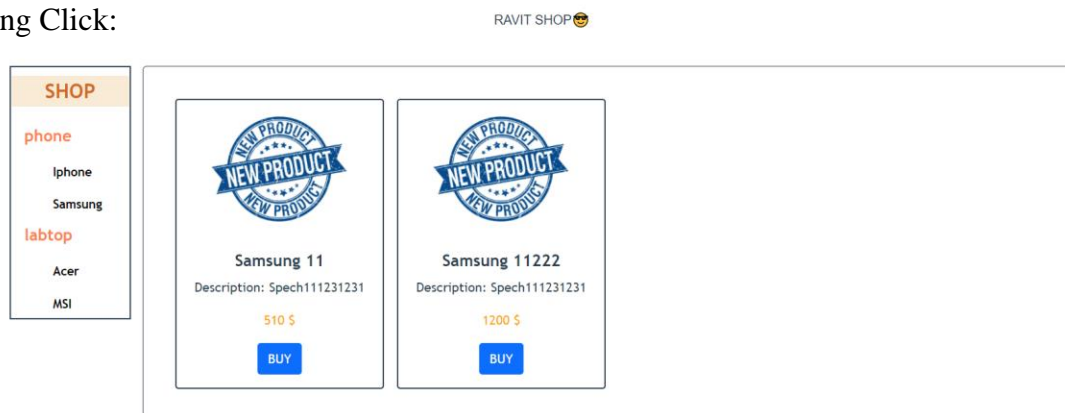
When we join:



Iphone Click:



Samsung Click:



data:

Product:

<pre>{ "_id": "6245c3cd96bd0aac0b157dd5", "name": "Acer 0156", "description": "Spech111231231", "price": 1350, "image": "", "countInStock": 15, "subcategory": "6245c315d13aebaf00d37b", "__v": 0 }</pre>
<pre>{ "_id": "6245c3e496bd0aac0b157dd8", "name": "Acer aaaaa", "description": "Spech111231231", "price": 150, "image": "", "countInStock": 15, "subcategory": "6245c315d13aebaf00d37b", "__v": 0 }</pre>
<pre>{ "_id": "6245c3eb96bd0aac0b157ddb", "name": "H5111", "description": "Spech111231231", "price": 1999, "image": "", "countInStock": 15, "subcategory": "6245c31ad13aebaf00d381", "__v": 0 }</pre>

test.categories

DOCUMENTS 0 STORAGE SIZE 20.5KB AVG. SIZE 0B INDEXES 1 TOTAL SIZE 36.9KB AVG. SIZE 36.9KB

Documents

Aggregations

Schema

Explain Plan

Indexes

Validation

FILTER

{ field: 'value' }

OPTIONS

FIND

RESET

↺

⋮

ADD DATA

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VIEW

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⏩

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REFRESH

```
_id: ObjectId("6245be89effebfd95374c02")
name: "phone"
> subcategories: Array
__v: 2
```

```
_id: ObjectId("6245bea3effebfd95374c05")
name: "laptop"
> subcategories: Array
__v: 2
```

test.subcategories

DOCUMENTS 0 STORAGE SIZE 20.5KB AVG. SIZE 0B INDEXES 1 TOTAL SIZE 36.9KB AVG. SIZE 36.9KB

Documents

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Schema

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Indexes

Validation

1 FILTER

{ field: 'value' }

OPTIONS

FIND

RESET

ADD DATA

VIEW

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REFRESH

```
{   "_id": "6245c2e9d13aebaf00d36e",   "name": "Iphone",   "__v": 0 }
```

```
{   "_id": "6245c2eed13aebaf00d374",   "name": "Samsung",   "__v": 0 }
```

```
{   "_id": "6245c315d13aebaf00d37b",   "name": "Acer",   "__v": 0 }
```

```
{   "_id": "6245c31ad13aebaf00d381",   "name": "H511",   "__v": 0 }
```