

w13-p1: create controllers for crown2 for MVC architecture

```
var express = require('express');
var router = express.Router();
const Category_32 = require("../models/Category_32");
const shop_32 = require("../models/shop_32");
const crown2Controller_32 = require("../controllers/crown2Controller_32");

/* GET home page. */
router.get(path: '/', crown2Controller_32.getCategories);

// router.get('/shop_32/jackets', async function (req, res) {
//   // ...
// });

router.get(path: '/shop_32/:category', crown2Controller_32.getProductByCategory);

// ... for(let i=0; i<data.length; i++) { ... }
```

```
const Category_32 = require("../models/Category_32");
const shop_32 = require("../models/shop_32");

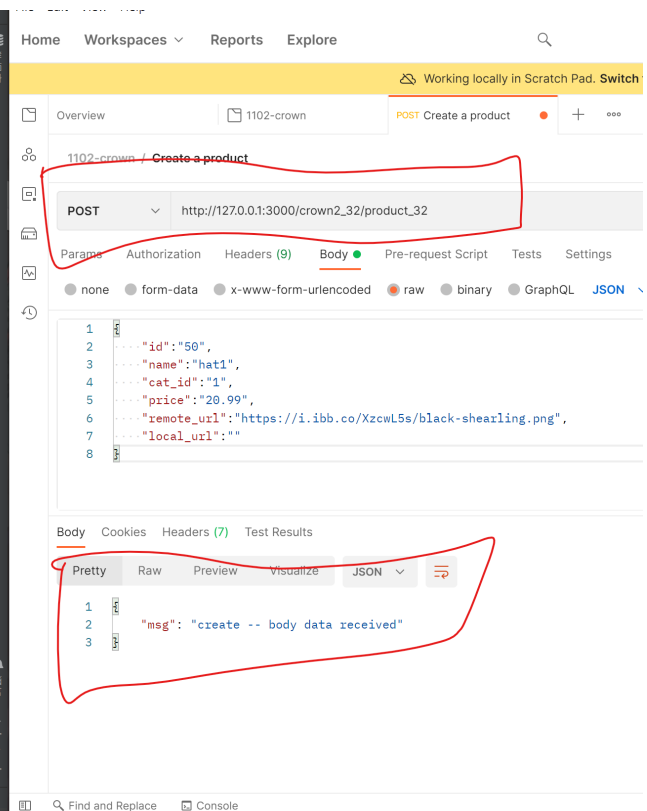
exports.getCategories = async (req, res) => {
  try {
    let results = await Category_32.fetchAll();
    console.log('results', JSON.stringify(results));
    res.render('crown2_32/index', {
      data: results,
      id: '405416032',
      title: 'crown2_32'
    });
  } catch (err) {
    console.log('err');
  }
}
```

```
Surface@Black MINGW64 /c/dataBhw/db/1102-db2-crown-405416032 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-05-16"
40fb5e7 roberttt456    Wed May 18 21:00:34 2022 +0800    w13-p1: create controllers for crown2 for MVC architecture
```

```
git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-05-16"
fb5e7 roberttt456      Wed May 18 21:00:34 2022 +0800    w13-p1: create controllers for crc
```

w13-p2 use Postman to test product body data can be retrieved using route `/crown2_xx/product_xx`

```
1 const Category_32 = require("../models/Category_32");
2 const shop_32 = require("../models/shop_32");
3
4 // create
5 exports.createProducts = async (req,res)=>{
6   console.log('body',req.body);
7   res.json({msg:'create -- body data received'});
8 }
9
10 //read
11 exports.getCategories = async (req,res)=>{...};
12 exports.getProductsByCategory = async (req,res)=>{...};
13
14 createProducts()
15 POST /crown_32/product_32 404 11.303 ms - 1086
16 body {
17   id: '50',
18   name: 'hat1',
19   cat_id: '1',
20   price: '20.99',
21   remote_url: 'https://i.ibb.co/Xzawl5s/black-shearling.png',
22 }
```



```
40fb5e7..dd7c9a3 main -> main

Surface@Black MINGW64 /c/dataBhw/db/1102-db2-crown-405416032 (main)
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-05-16"
dd7c9a3 robertttt456    Wed May 18 21:25:31 2022 +0800    w13-p2 use Postman to test product body data can be retrieved using route /crown2_xx/prod
uct_xx
40fb5e7 robertttt456    Wed May 18 21:00:34 2022 +0800    w13-p1: create controllers for crown2 for MVC architecture
```

```
$ git log --pretty=format:"%h%x09%an%x09%ad%x09%s" --after="2022-05-16"
dd7c9a3 robertttt456    Wed May 18 21:25:31 2022 +0800    w13-p2 use Postman to test pro
uct_xx
40fb5e7 robertttt456    Wed May 18 21:00:34 2022 +0800    w13-p1: create controllers for
```