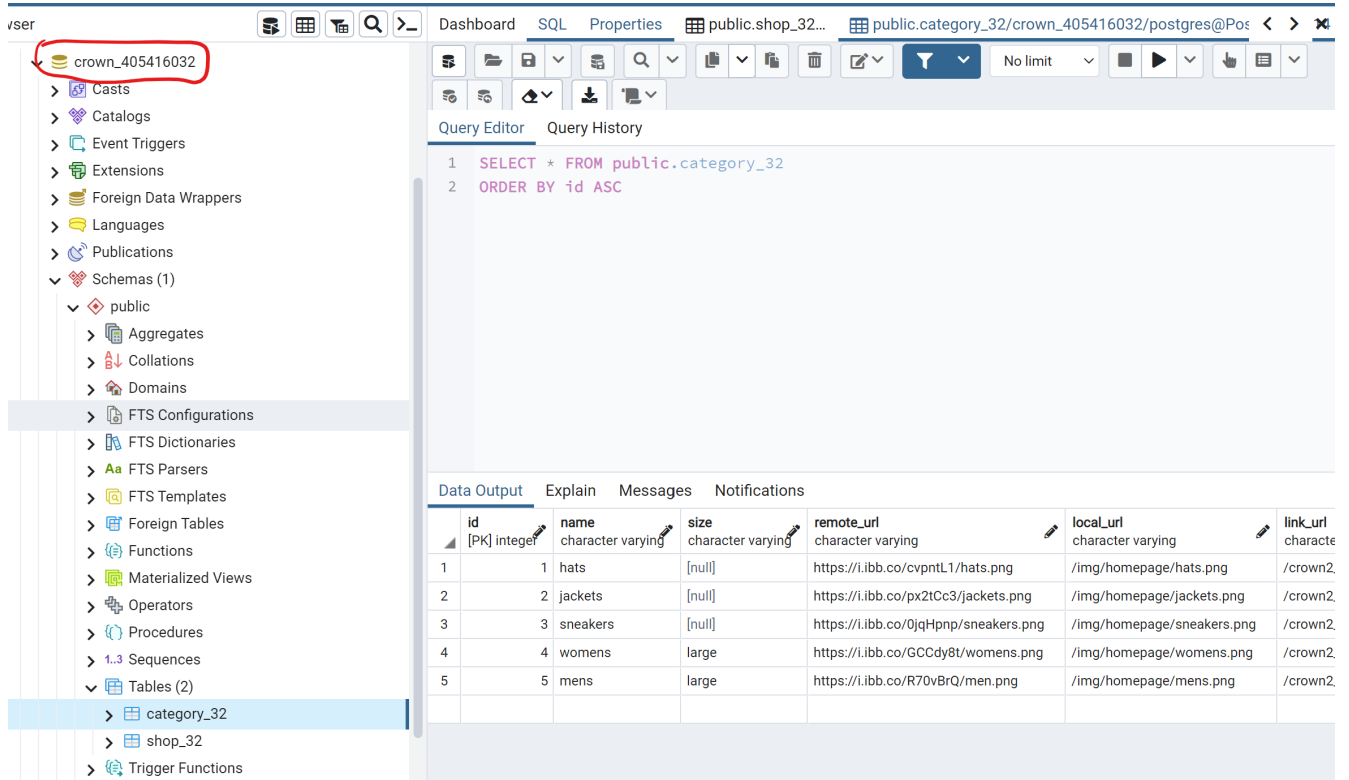


P0: Github repo URL, 請分享給老師 (htchung@gms.tku.edu.tw) 及助教 (jerry7657)

<https://github.com/roberttt456/1102-db2-crown-405416032.git>

P1: 資料庫截圖, 要能顯示 shop\_xx, 及所要實作之產品 data



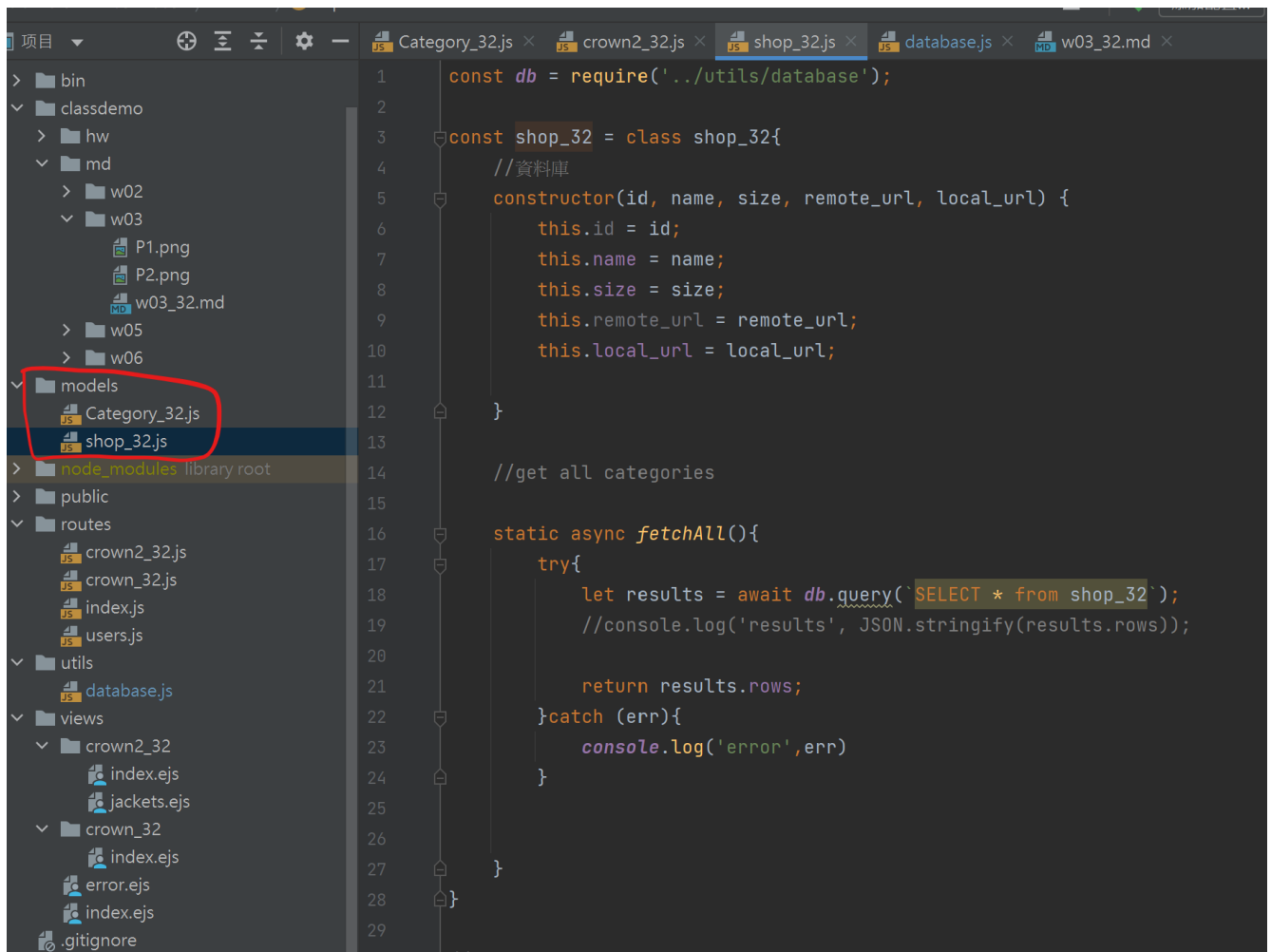
The screenshot shows a database management tool interface. On the left, a tree view displays the database structure for 'crown\_405416032'. The 'public' schema is expanded, showing tables like 'category\_32' and 'shop\_32'. The main area shows a SQL query in the 'Query Editor':

```
1 SELECT * FROM public.category_32
2 ORDER BY id ASC
```

Below the query, the 'Data Output' tab displays a table with 5 rows of product data:

	id [PK] integer	name character varying	size character varying	remote_url character varying	local_url character varying	link_url character
1	1	hats	[null]	https://i.ibb.co/cvpntL1/hats.png	/img/homepage/hats.png	/crown2
2	2	jackets	[null]	https://i.ibb.co/px2tCc3/jackets.png	/img/homepage/jackets.png	/crown2
3	3	sneakers	[null]	https://i.ibb.co/0jqHnp/sneakers.png	/img/homepage/sneakers.png	/crown2
4	4	womens	large	https://i.ibb.co/GCCdy8t/womens.png	/img/homepage/womens.png	/crown2
5	5	mens	large	https://i.ibb.co/R70vBrQ/men.png	/img/homepage/men.png	/crown2

P2: 實作一個 model, Shop\_xx, 要能從 shop\_xx 取的資料, 以字串顯示在 console中



```
1  const db = require('../utils/database');
2
3  const shop_32 = class shop_32{
4      //資料庫
5      constructor(id, name, size, remote_url, local_url) {
6          this.id = id;
7          this.name = name;
8          this.size = size;
9          this.remote_url = remote_url;
10         this.local_url = local_url;
11     }
12
13     //get all categories
14
15     static async fetchAll(){
16         try{
17             let results = await db.query(`SELECT * from shop_32`);
18             //console.log('results', JSON.stringify(results.rows));
19
20             return results.rows;
21         }catch (err){
22             console.log('error',err)
23         }
24     }
25
26 }
27
28
29
```

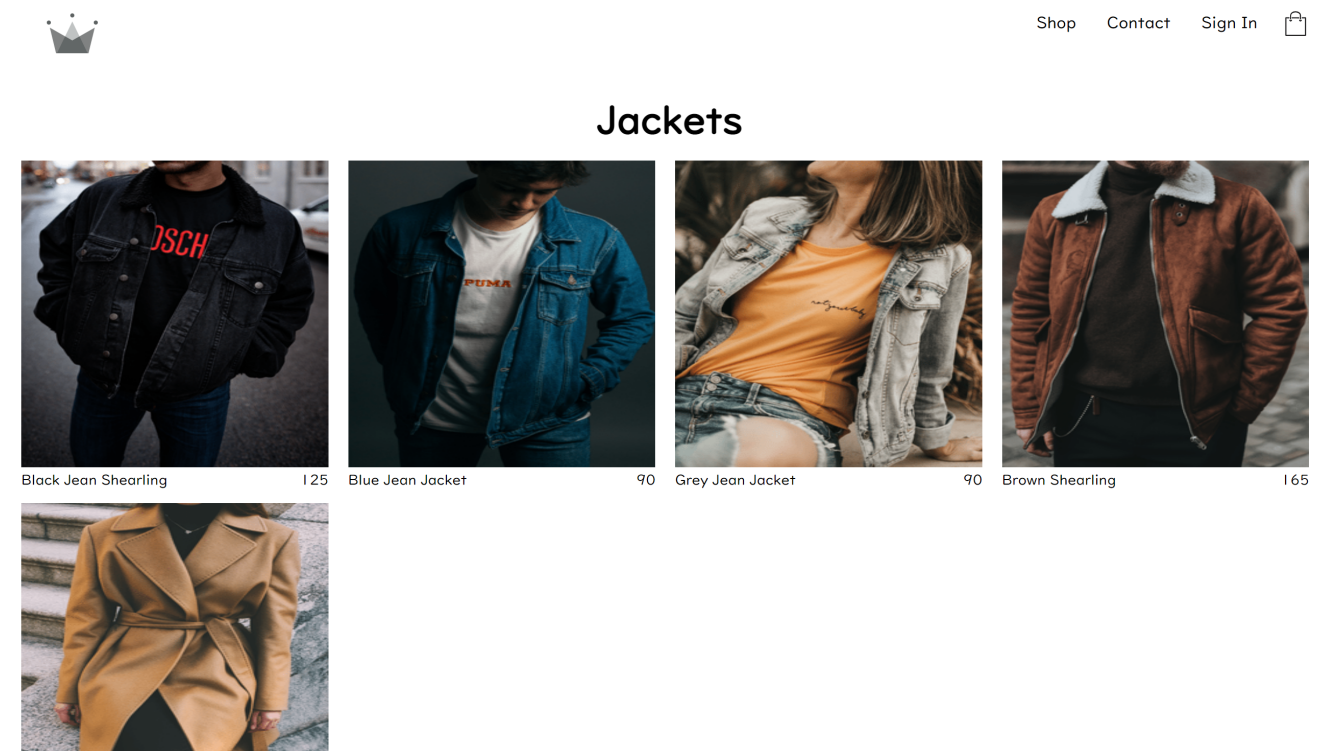
P3: 實作本作業所需要的路由，能夠將 shop\_xx 資料套用在 ejs 中，請顯示 routes, ejs 程式碼及Chrome 顯示圖片

```
category_32.js × crown2_32.js × shop_32.js × database.js × jackets.ejs

router.get(path: '/shop_32/jackets', handlers: async function (req: Request<P, Res>) {
  //res.render('crown2_32/jackets', {title: 'Express'});
  try {
    let results = await shop_32.fetchAll();
    console.log('results', JSON.stringify(results));
    res.render('crown2_32/jackets', options: {
      data: results,
      id: '405416032',
      title: 'crown2_32'
    });
  } catch (err) {
    console.log('err');
  }
});

/*
<% for(let i=0;i<data.length;i++) { %>
<div class="<>">
  <div class="h1" src="<%= data[i].local_url %> " alt=">
  router.get() 回調
*/

</div>
<button class="custom-button">GO TO CHECKOUT</button>
</div>
</div>
<div class="shop-page">
  <div class="collection-page">
    <h1 class="title">Jackets</h1>
    <div class="items">
      <% for(let i=0;i<data.length;i++) { %>
        <div class="collection-item">
          
          <div class="collection-footer">
            <span class="name"><%= data[i].name %></span>
            <span class="price"><%= data[i].price %></span>
          </div>
          <button class="custom-button">Add to Cart</button>
        </div>
      <% } %>
    </div>
  </div>
</div>
```



P4: 請將資料庫放入 Heroku PostgreSQL, 並能正常顯示 shop\_xx, category\_xx data. 請給予 Heroku DATABASE\_URL, 截圖要有 Heroku 上 database, shop\_xx 名稱及資料。

pgAdmin 4

File Object Tools Help

Browser

Dashboard SQL Properties public.shop\_32/crown\_405416032/postgres@PostgreSQL 14

Query Editor Query History

```
1 SELECT * FROM public.shop_32
2 ORDER BY id ASC
```

Data Output Explain Messages Notifications

	id [PK] integer	name character varying	price integer	local_url character varying	remote_url character varying
1	1	Black Jean Shearling	125	/img/jackets/black-shearling.png	https://i.ibb.co/XzswL5s/black-shearling.png
2	2	Blue Jean Jacket	90	/img/jackets/blue-jean-jacket.png	https://i.ibb.co/mJS6vz0/blue-jean-jacket.png
3	3	Grey Jean Jacket	90	/img/jackets/grey-jean-jacket.png	https://i.ibb.co/N71k1ML/grey-jean-jacket.png
4	4	Brown Shearling	165	/img/jackets/brown-shearling.png	https://i.ibb.co/s96FpdP/brown-shearling.png
5	5	Tan Trench	185	/img/jackets/brown-trench.png	https://i.ibb.co/M6hHc3F/brown-trench.png

P5: 在 Heroku 上能正確執行本作業之路由，請提供 Heroku URL

<https://crown1102-405416032.herokuapp.com/>