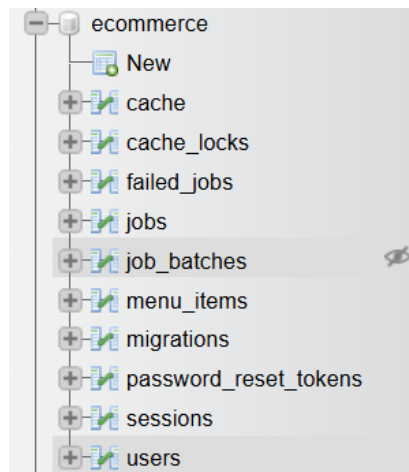


## Populating from a Database

### Connecting the Database:

- This is where we connected the database from myphpadmin. We created a database called “ecommerce” and put the database name into the .env file in our code under DB\_DATABASE.



```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=ecommerce
DB_USERNAME=root
DB_PASSWORD=
```

### Creating Model MenuItems:

- We created the MenuItem model, using php artisan serve make:model MenuItem, as we decided that we want to populate the Menu page of our website using a database.

```
app > Models > MenuItem.php > MenuItem
1  <?php
2
3  namespace App\Models;
4
5  use Illuminate\Database\Eloquent\Factories\HasFactory;
6  use Illuminate\Database\Eloquent\Model;
7
8  9 references | 0 implementations
9  class MenuItem extends Model
10 {
11     use HasFactory;
12 }
```

### Creating MenuController:

- This is where the user retrieves the menu items and can choose how much to display.

```

app > Http > Controllers > MenuController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6  use App\Models\MenuItem;
7
8  2 references | 0 implementations
9  class MenuController extends Controller
10 {
11     1 reference | 0 overrides
12     public function showMenu($username): View
13     {
14         // Fetch the first 6 menu items from the database
15         $menuItems = MenuItem::take(value: 6)->get();
16
17         return view(view: 'menu', data: [
18             'menuItems' => $menuItems,
19             'username' => $username
20         ]);
21     }
22 }

```

## Creating MenuItemSeeder:

- Our MenuItemSeeder populates the menu items table with six sample data containing attributes like image path, name, price, and rating.
- When run, this is what the database table in ecommerce shows,

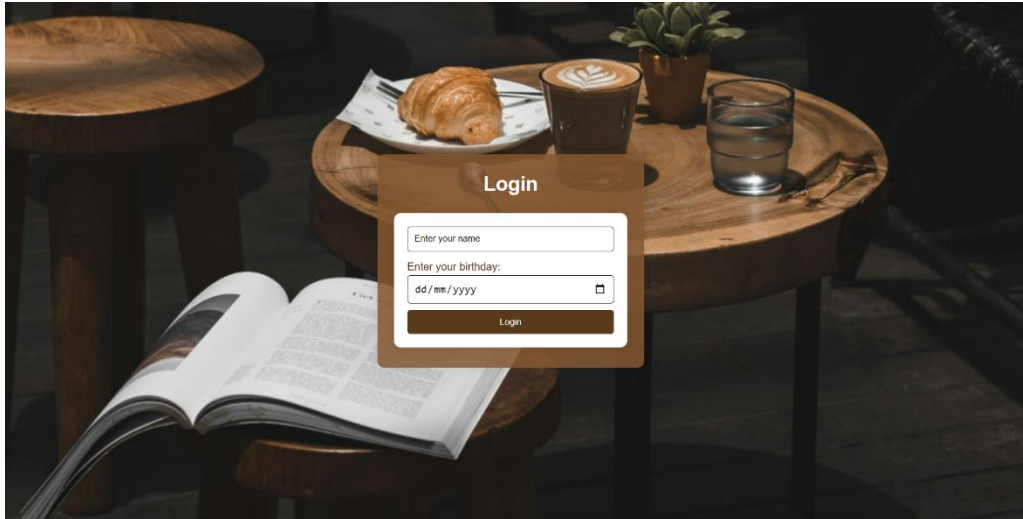
```
database > seeds >  MenuItemSeeder.php >  run()
1  <?php
2
3  namespace Database\Seeders;
4
5  use Illuminate\Database\Console\Seeds\WithoutModelEvents;
6  use Illuminate\Database\Seeder;
7  use App\Models\MenuItem;
8
9  0 references | 0 implementations
10 class MenuItemSeeder extends Seeder
11 {
12     /**
13      * Run the database seeds.
14      */
15     0 references | 0 overrides
16     public function run(): void
17     {
18         MenuItem::create(attributes: [
19             'image' => 'css/bfast.jpg',
20             'name' => 'Classic Droissants',
21             'price' => 'P150',
22             'rating' => 4,
23         ]);
24
25         MenuItem::create(attributes: [
26             'image' => 'css/img2.jpg',
27             'name' => 'Lavander Latte',
28             'price' => 'P120',
29             'rating' => 4,
30         ]);
31
32         MenuItem::create(attributes: [
33             'image' => 'css/img3.jpg',
34             'name' => 'Banana Walnut Muffin',
35             'price' => 'P100',
36             'rating' => 4,
37         ]);
38
39         MenuItem::create(attributes: [
40             'image' => 'css/latte.jpg',
41             'name' => 'Lavander Latte',
42             'price' => 'P120',
43             'rating' => 4,
44         ]);
45     }
46 }
```

<div><div>←</div><div>→</div></div>			id	image	name	price	rating	created_at	updated_at
<input type="checkbox"/>	<div><div><div>Edit</div></div><div><div>Copy</div></div><div><div>Delete</div></div></div>		1	css/bfast.jpg	Classic Droissants	₹150	4	2024-12-11 16:36:54	2024-12-11 16:36:54
<input type="checkbox"/>	<div><div><div>Edit</div></div><div><div>Copy</div></div><div><div>Delete</div></div></div>		2	css/img2.jpg	Lavander Latte	₹120	4	2024-12-11 16:36:54	2024-12-11 16:36:54
<input type="checkbox"/>	<div><div><div>Edit</div></div><div><div>Copy</div></div><div><div>Delete</div></div></div>		3	css/img3.jpg	Banana Walnut Muffin	₹100	4	2024-12-11 16:36:54	2024-12-11 16:36:54
<input type="checkbox"/>	<div><div><div>Edit</div></div><div><div>Copy</div></div><div><div>Delete</div></div></div>		4	css/latte.jpg	Chai Latte	₹120	5	2024-12-11 16:36:54	2024-12-11 16:36:54
<input type="checkbox"/>	<div><div><div>Edit</div></div><div><div>Copy</div></div><div><div>Delete</div></div></div>		5	css/Chicken-salad-croissant.jpg	Chicken Salad Croissant	₹350	4	2024-12-11 16:36:54	2024-12-11 16:36:54
<input type="checkbox"/>	<div><div><div>Edit</div></div><div><div>Copy</div></div><div><div>Delete</div></div></div>		6	css/espresso.jpg	Espresso	₹110	4	2024-12-11 16:36:54	2024-12-11 16:36:54


☐ Check all
 With selected:
  Edit
  Copy
  Delete
  Export

## Website Views:

### Login Page:



### Menu Page:

