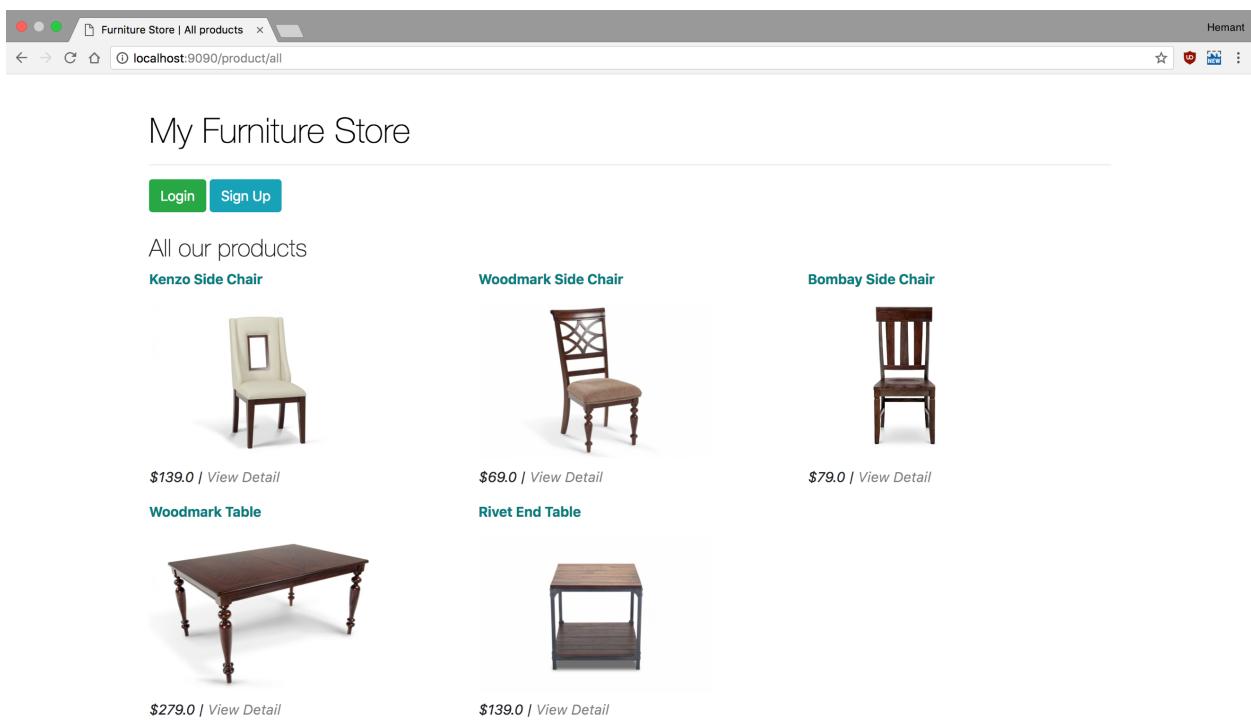


Project Run-Down / Screenshots:

This project is a simple demo of JAVA, Spring and Hibernate based Web MVC application also with a RESTful API. It is built using Spring Boot which is a modern and efficient way of creating Spring based apps.

This project is a simple furniture store. It lists all the products that are up for sale like chairs and tables. Products with their title, description, price, category and image are shown in the home page. New users can come to the page and register for an account, use that account to sign in and order the items. Basic validations are done on the forms. Admin can then login to see who has ordered what. He / She can delete the orders as well.

Home Page



Details of a Single Product

The screenshot shows a web browser window titled "Product Detail". The address bar displays "localhost:9090/product/showProductDetail?productId=3". The main content area has a header "My Furniture Store" and a sub-header "Bombay Side Chair". Below the sub-header is a paragraph of text: "My Bombay Side Chair has great style and great comfort! My Bob-O-Pedic Memory Foam makes the seating super comfy and the upholstered seat is covered in plush fabric. The dark rustic bronze finish enhances the look and the chair back design completes the look." To the right of the text is a dark wood Bombay Side Chair. Below the chair are two bullet points: "Category: chair" and "Price: 79.0". At the bottom of the page is a light blue box containing the text "Please [login](#) to order this item."

New User Registration

The screenshot shows a web browser window titled "New Customer Sign Up". The address bar displays "localhost:9090/showFormForSignUp". The main content area has a header "My Furniture Store" and a sub-header "New Customer Sign Up". Below the sub-header is a form with five input fields: "Firstname:" (with an empty input field), "Lastname:" (with an empty input field), "Email address:" (with an empty input field), "Username:" (with an empty input field), and "Password:" (with an empty input field). At the bottom of the form is a green "Sign Up" button.

Login Page



My Furniture Store

Please Login

Username:

Password:

Home Page After User Has Logged In



My Furniture Store

Hi, hemant

[Logout](#)

[My Orders](#)

All our products

[Kenzo Side Chair](#)



[\\$139.0 | View Detail](#)

[Woodmark Side Chair](#)



[\\$69.0 | View Detail](#)

[Bombay Side Chair](#)



[\\$79.0 | View Detail](#)

[Woodmark Table](#)



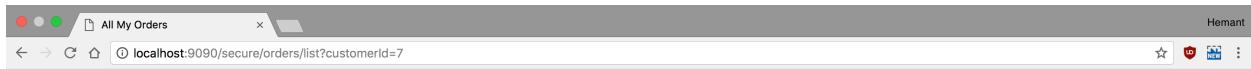
[\\$279.0 | View Detail](#)

[Rivet End Table](#)



[\\$139.0 | View Detail](#)

User's 'My Orders' Page

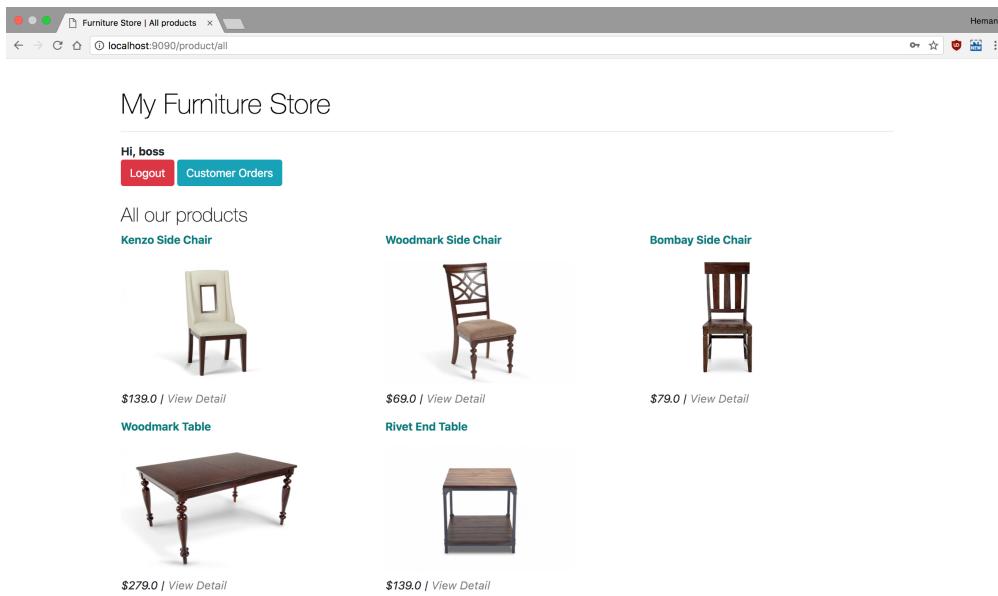


My Furniture Store

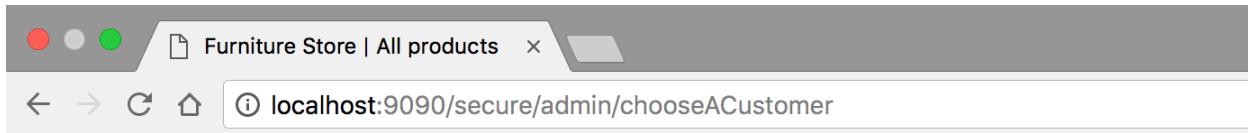
All Orders of hemant

- Woodmark Table
- Rivet End Table
- Kenzo Side Chair

Home Page After Admin Has Logged In



Admin Can Choose Any Customer to See His / Her Orders



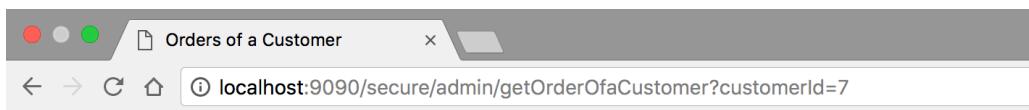
My Furniture Store

Choose a customer

Hemant Acharya

Go

Orders of a User Shown to Admin

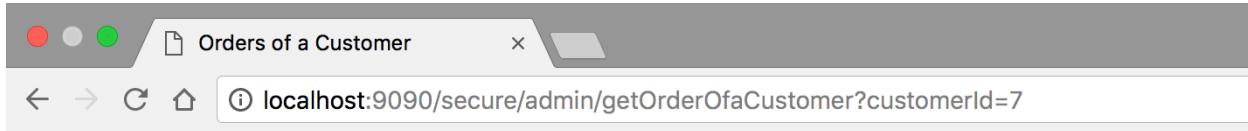


My Furniture Store

Hemant has ordered the following items:

- Woodmark Table
- Rivet End Table
- Kenzo Side Chair

Admin Can Delete the Orders



My Furniture Store

Hemant has ordered the following items:

- Woodmark Table X

Validations



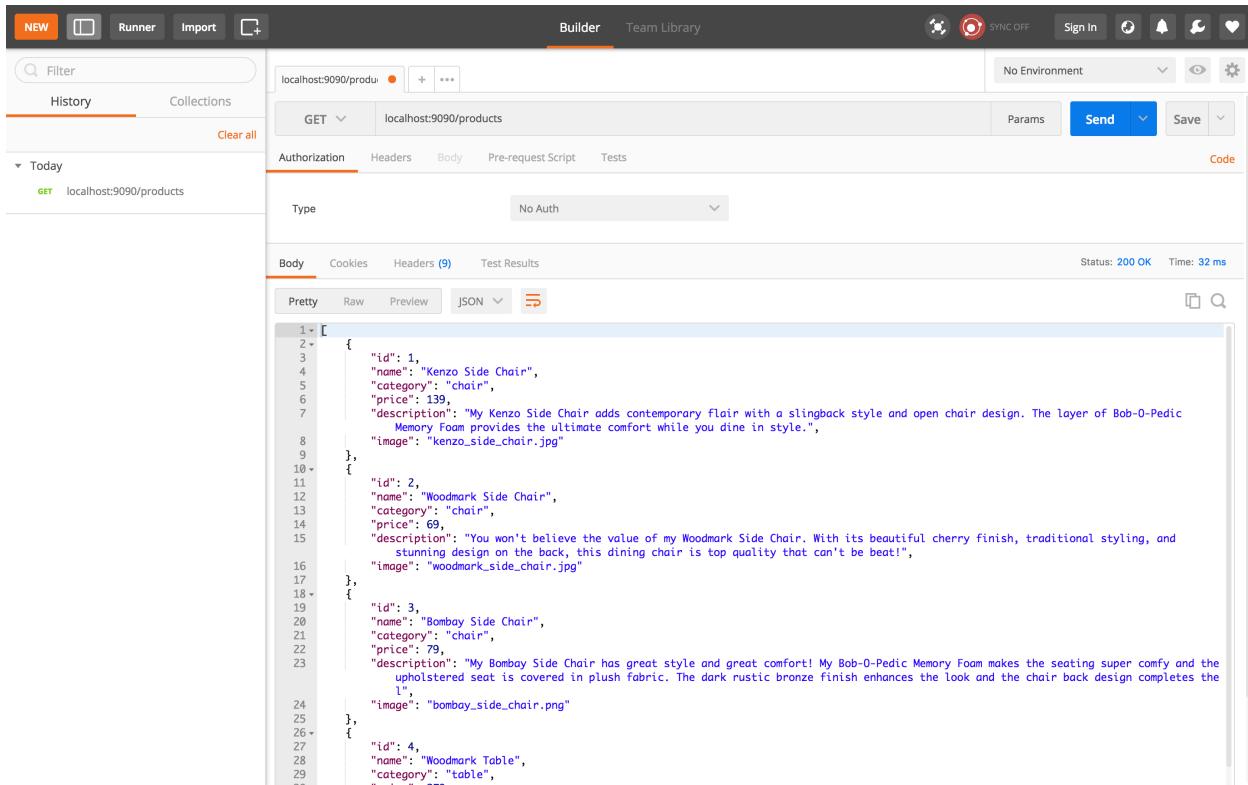
My Furniture Store

Please Login

Username:	<input type="text"/>	Username cannot be empty and should be at least 3 characters.
Password:	<input type="password"/>	Password cannot be empty.

Submit

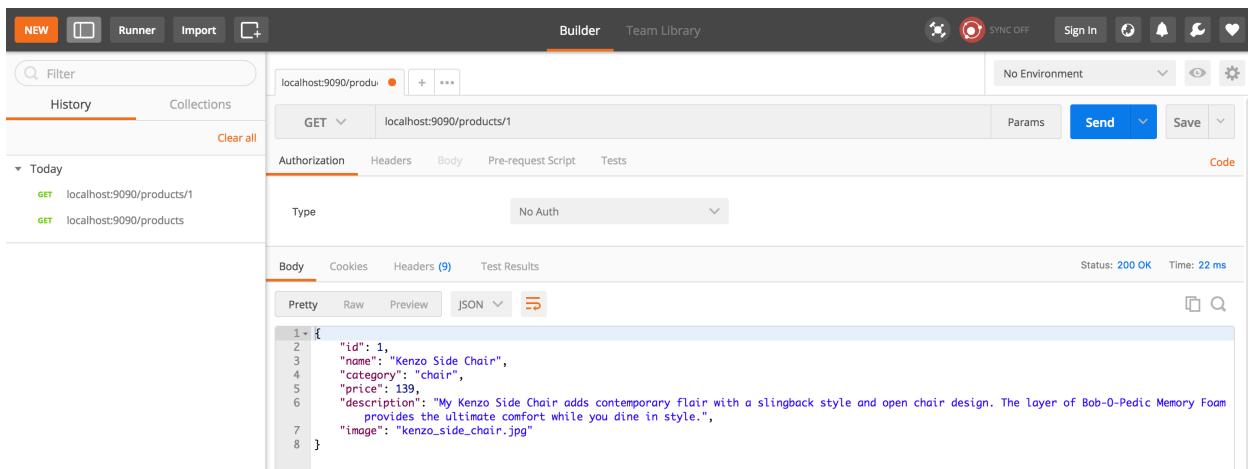
REST API – All Products



The screenshot shows the Postman Builder interface with a GET request to `localhost:9090/products`. The response body is a JSON array containing four product objects:

```
[{"id": 1, "name": "Kenzo Side Chair", "category": "chair", "price": 139, "description": "My Kenzo Side Chair adds contemporary flair with a slingback style and open chair design. The layer of Bob-O-Pedic Memory Foam provides the ultimate comfort while you dine in style.", "image": "kenzo_side_chair.jpg"}, {"id": 2, "name": "Woodmark Side Chair", "category": "chair", "price": 69, "description": "You won't believe the value of my Woodmark Side Chair. With its beautiful cherry finish, traditional styling, and stunning design on the back, this dining chair is top quality that can't be beat!", "image": "woodmark_side_chair.jpg"}, {"id": 3, "name": "Bombay Side Chair", "category": "chair", "price": 79, "description": "My Bombay Side Chair has great style and great comfort! My Bob-O-Pedic Memory Foam makes the seating super comfy and the upholstered seat is covered in plush fabric. The dark rustic bronze finish enhances the look and the chair back design completes the look!", "image": "bombay_side_chair.png"}, {"id": 4, "name": "Woodmark Table", "category": "table", "price": 199, "description": "The Woodmark Table is a classic piece of furniture that will complement any room in your home. It features a solid wood top and a sturdy metal base, providing both strength and style. The finish is a warm, natural wood tone that will enhance the overall aesthetic of your space.", "image": "woodmark_table.jpg"}]
```

REST API – Details of a Single Product



The screenshot shows the Postman Builder interface with a GET request to `localhost:9090/products/1`. The response body is a JSON object for the Kenzo Side Chair:

```
{ "id": 1, "name": "Kenzo Side Chair", "category": "chair", "price": 139, "description": "My Kenzo Side Chair adds contemporary flair with a slingback style and open chair design. The layer of Bob-O-Pedic Memory Foam provides the ultimate comfort while you dine in style.", "image": "kenzo_side_chair.jpg"}
```

REST API – All Products of a single category

The screenshot shows the Postman API builder interface. At the top, there are tabs for 'Builder' (which is selected), 'Runner', 'Import', and 'Collection'. Below the tabs, the URL 'localhost:9090/products/category/table' is entered. The 'Authorization' tab is selected, showing 'No Auth'. The 'Body' tab is selected, displaying a JSON response with two items. The JSON data is as follows:

```
1 [  
2 {  
3   "id": 4,  
4   "name": "Woodmark Table",  
5   "category": "table",  
6   "price": 279,  
7   "description": "Don't miss out on my Woodmark Dining Table! This traditional style has all of the detailing you typically see on high-end  
furniture. Complete with an elegant cherry finish, cherry veneers, and Asian hardwood solids, this table boasts top quality and  
value",  
8   "image": "woodmark_table.jpg"  
9 },  
10 {  
11   "id": 5,  
12   "name": "Rivet End Table",  
13   "category": "table",  
14   "price": 139,  
15   "description": "Transform your living room with my Rivet End Table! This charming table brings a vintage style all its own, with an  
artfully weathered solid planked top and heavy gauge angle iron frame. A rustic beauty for a great value!",  
16   "image": "rivet_end_table.jpg"  
17 }  
18 ]
```

The status bar at the bottom right indicates 'Status: 200 OK' and 'Time: 27 ms'.

_____ *End* _____