

ECOMMERCE SERIES PROJECT 3 – Servletting it Up

Hi Folks! Thanks for helping Andy with his project in Angular/React, his client is quite happy.

This time around, he has a little room to relax, because he'll be using his favorite framework, Spring. However, the client is a bit classy, and does not like to do work with Spring Boot because of its all in one architecture. Andy's boss tried really hard to make his client agree to go Spring Boot, but unfortunately the client is not ready, and is stuck with Spring only, because the customer is always right.

So, let's first understand what the client's requirements are:

1) He has a furniture store that he now wants to make digital, so he wants to have an online app for increasing his visibility and thus sales.

2) He wants to divide this app into at least two roles: admin and client user / customer

1) Admin –

Needs to login first to access the portal

Can do product management – CRUD operations

Can do customer management – CRUD operations

2) Client User / Customer –

*If a new user, must first register.

Then, can fill shipping details (can be done at checkout)

Can login then to access portal

Can choose a product and add it into the cart

Can delete a product from the cart

Can purchase a product with the proper billing format

3) Requested Tech Stack:

Advance Java , JavaScript , JSP ,Spring with its own configuration starting from dependency management of POM to spring security and web flow , multipart for images and all stuff which a spring project demands but not SPRING BOOT , third party for security and storing images / files. Any DB can be used.

Now like last time Andy is fully determined to work with this project, but please, he needs your help!

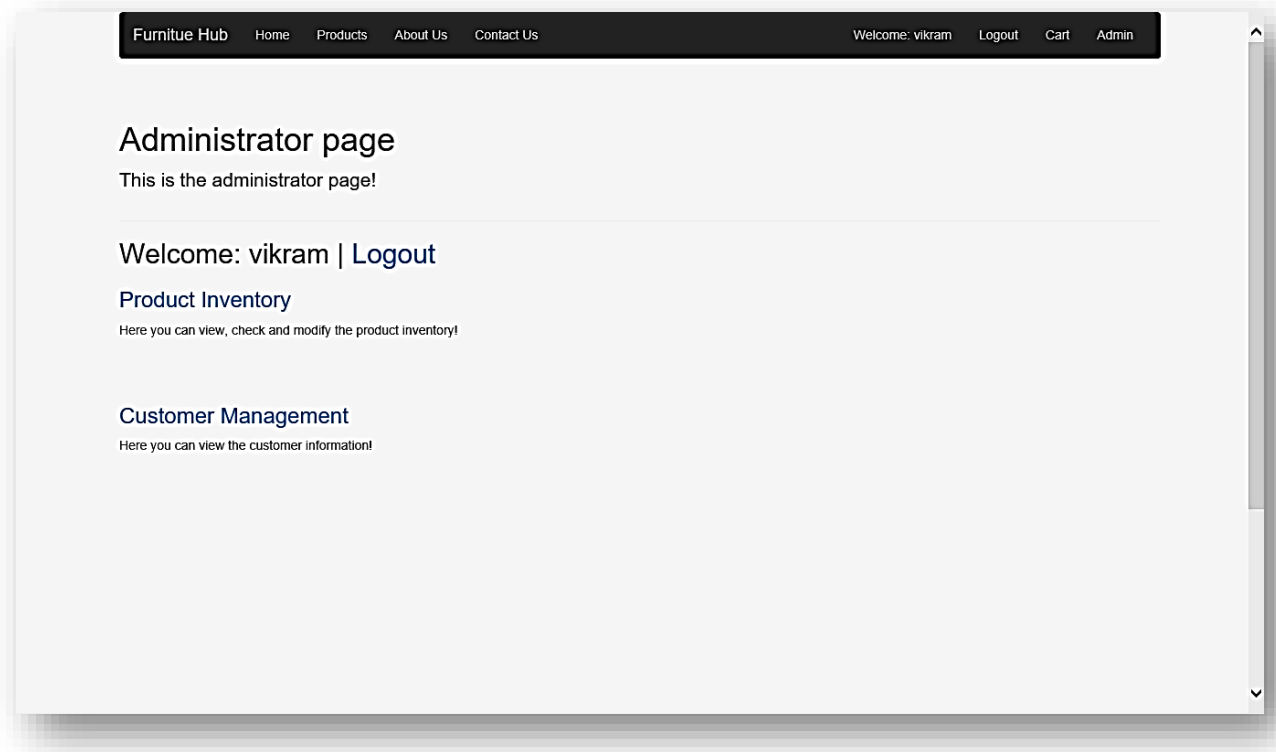
Bonus:

1) It would be highly appreciated if you decorate your project as much as you can with proper functionality.

2) You may include item return mechanisms like in project 1 using 15 days validation period

=====

Pictorial Demo



Product Inventory Page

This is the product inventory page:

Showing 0 to 0 of 0 entries

Search:

Proto Thumb	Product Name	Category	Condition	Price
No data available in table				

Showing 0 to 0 of 0 entries

PreviousNext

Add Product

Add Product

Fill the below information to add a product:

Name

Category

☐ Bed☐ Chair☐ Sofa

Description

Price

Condition

☒ New☐ Used

Unit In Stock

Manufacturer

Upload Picture

Browse...

submit

Cancel

Product Inventory Page

This is the product inventory page:

Show

5

 entries

Search:

Proto Thumb	Product Name	Category	Condition	Price	
	Sofa	sofa	new	500.0 INR	<div><div></div><div></div><div></div></div>
	Chair	chair	new	200.0 INR	<div><div></div><div></div><div></div></div>
	Double Bed	bed	new	300.0 INR	<div><div></div><div></div><div></div></div>

Showing 1 to 3 of 3 entries

Previous

1

Next

Add Product

Customer Management Page

This is the customer management page!

Name	Email	Phone	Username	Enabled
rahul singh	rahul@gmail.com	98765432	rahul	true
Harish kumar	harish@gmail.com	987654321	Harish	true
vikram verma	vikram@gmail.com	6777788998	vikramverma	true

-----Customer Section-----

Furniture Hub Home Products About Us Contact Us

Admin Login Register

Register Customer

Please fill in your information below:

Basic Info:

Name

Email

Phone

Username

Password

Billing Address:

Street Name

Apartment Number

City

State

Furniture Hub Home Products About Us Contact Us

Admin Login Register

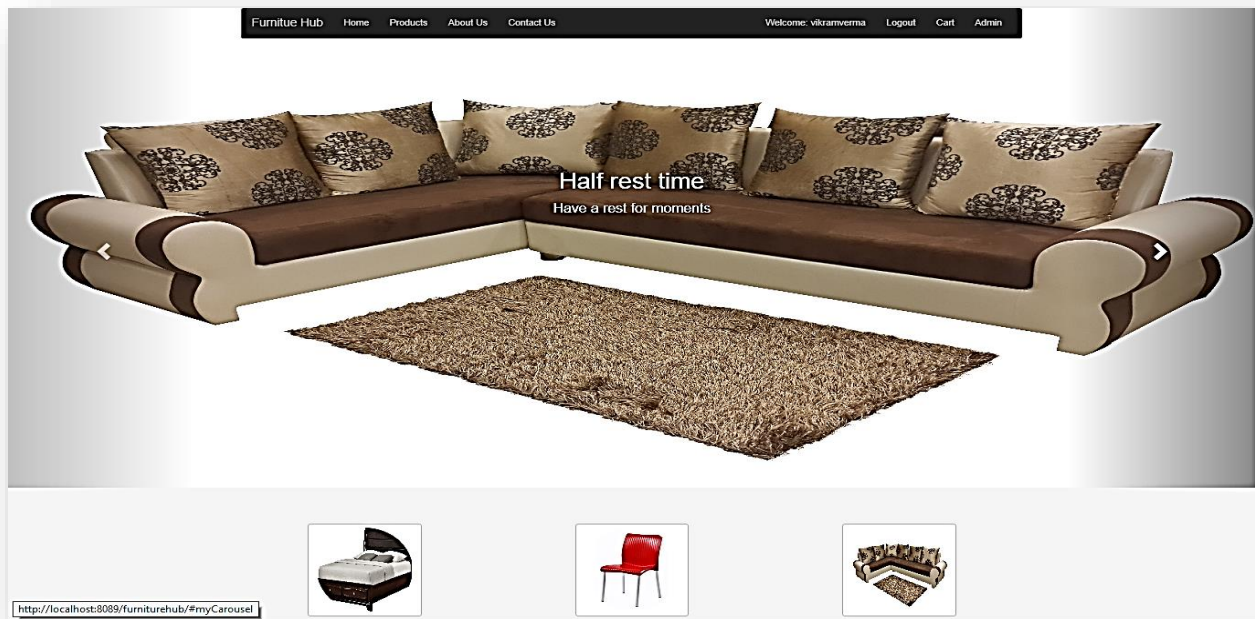
Login with Username and Password

User:

vikramverma

Password:

Submit






-----all products for user to choose -----

Furniture Hub
Home
Products
About Us
Contact Us
Welcome: vikramverma
Logout
Cart
Admin

All Products

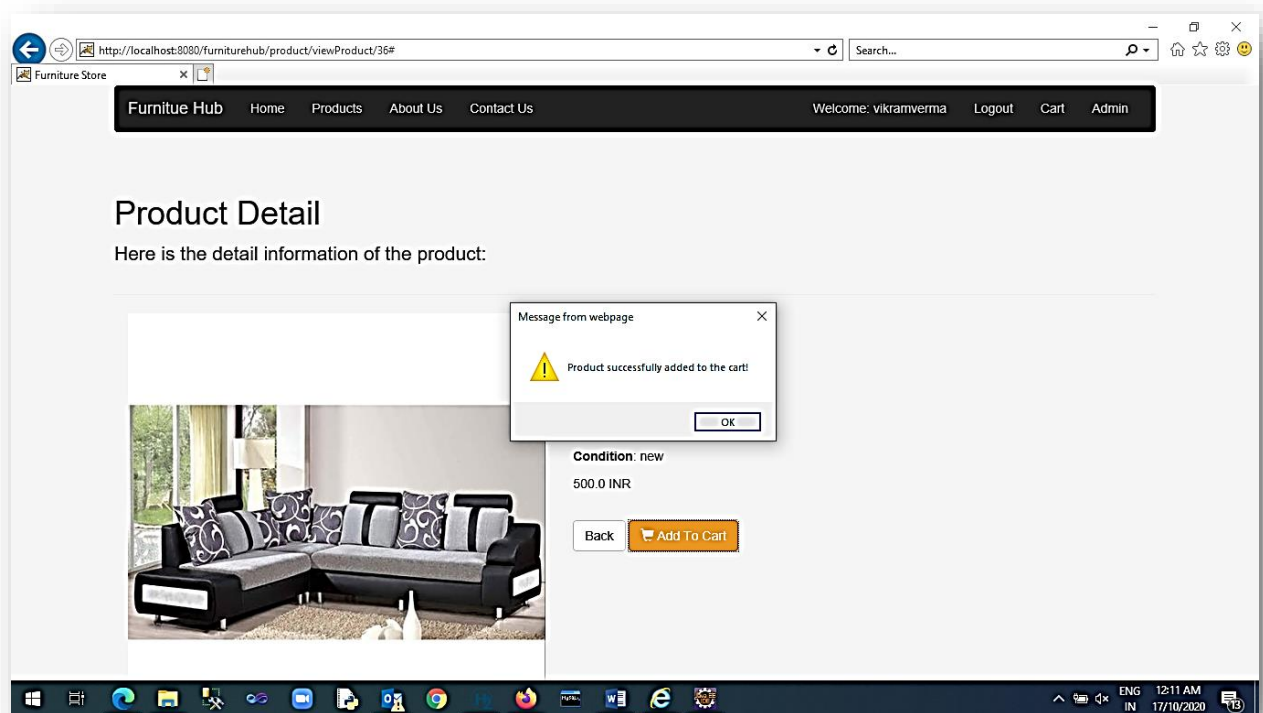
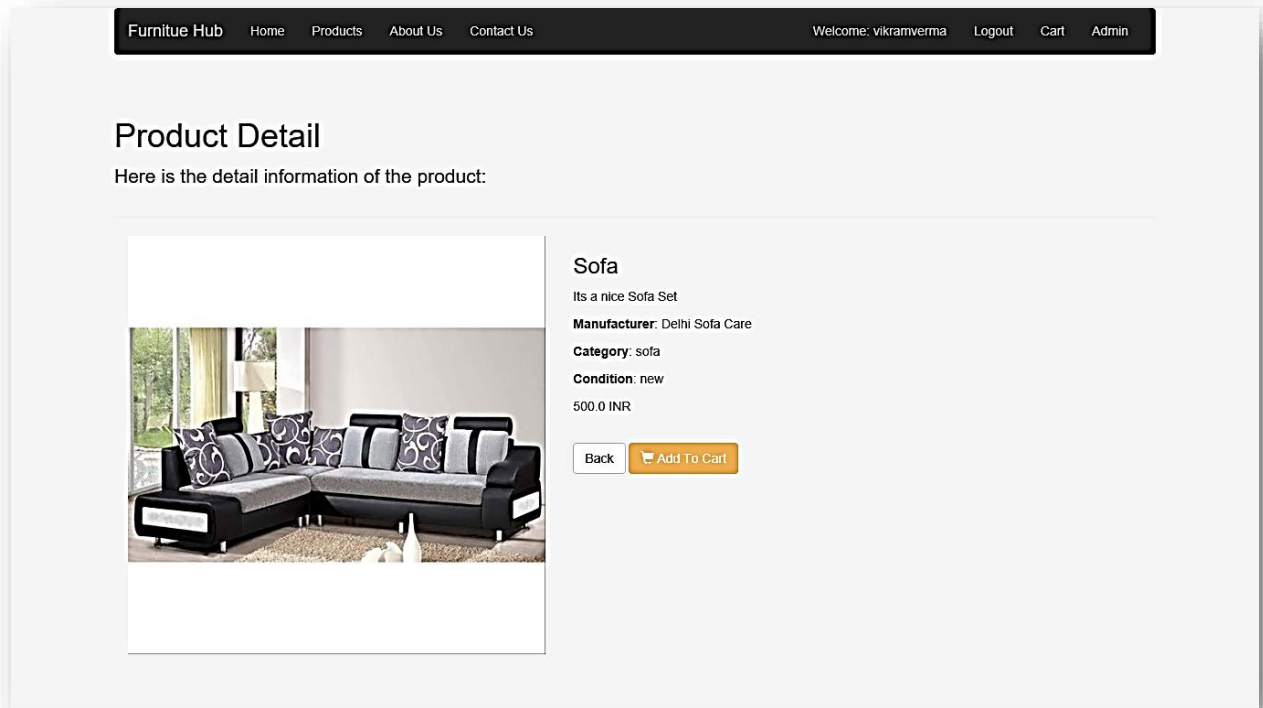
Checkout all the awesome products available now!

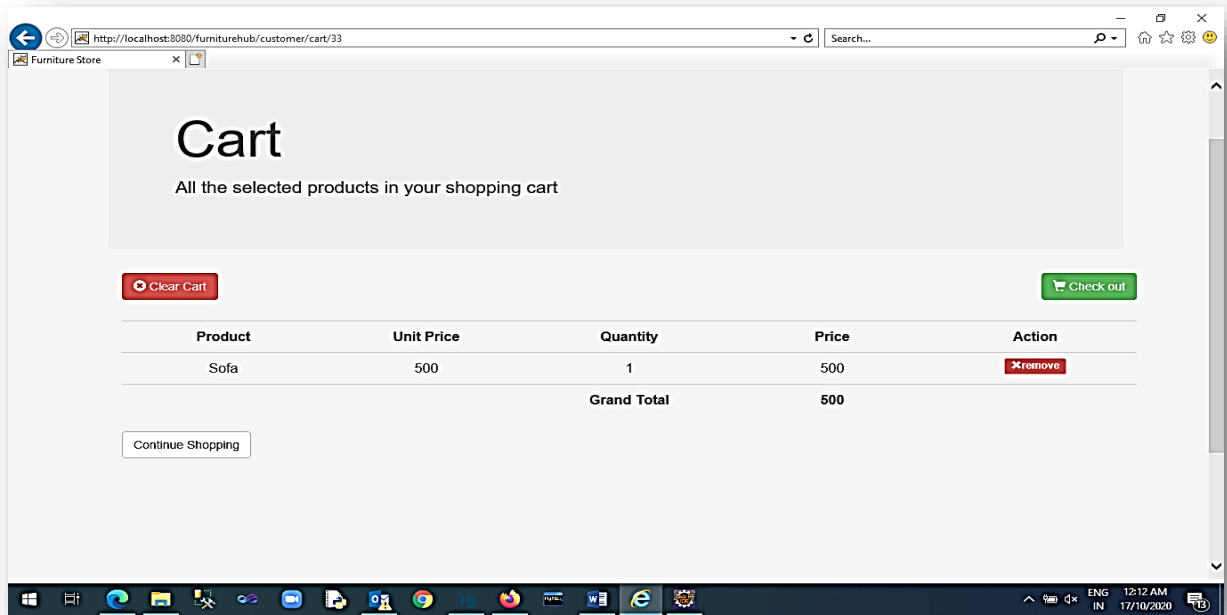
Show 5 entries
Search:

Proto Thumb	Product Name	Category	Condition	Price	
	Sofa	sofa	new	500.0 INR	i
	Chair	chair	new	200.0 INR	i
	Double Bed	bed	new	300.0 INR	i

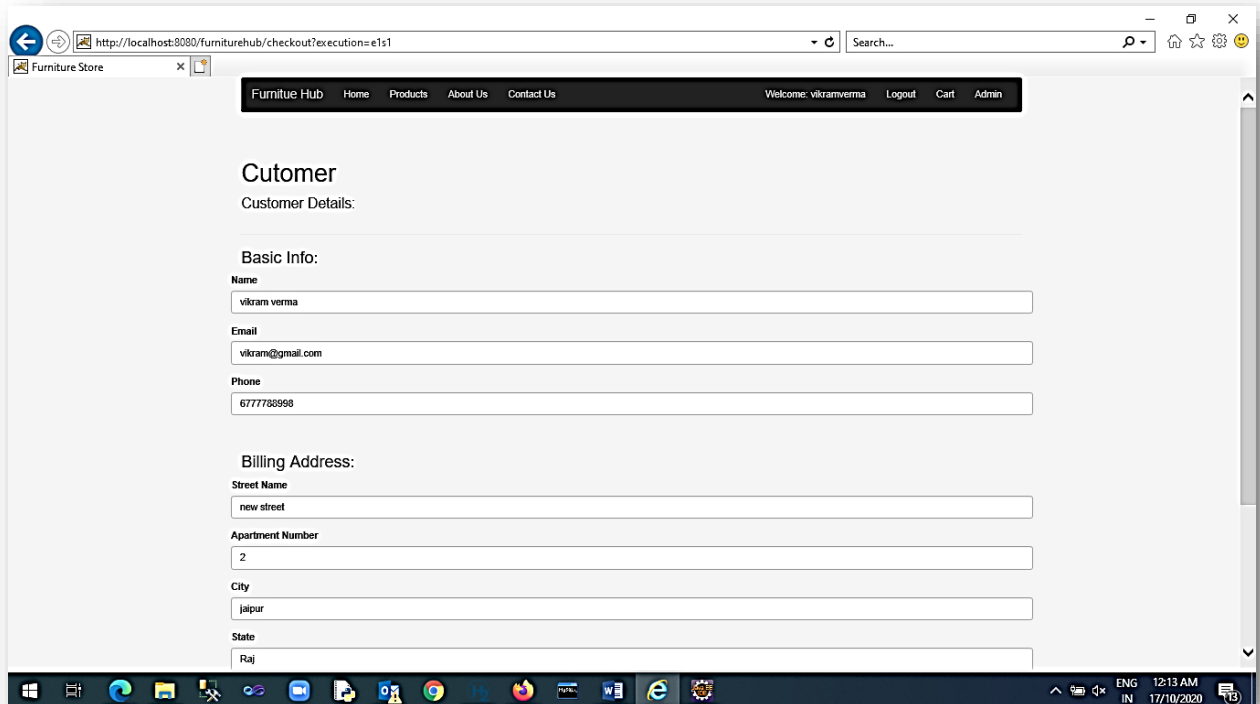
Showing 1 to 3 of 3 entries

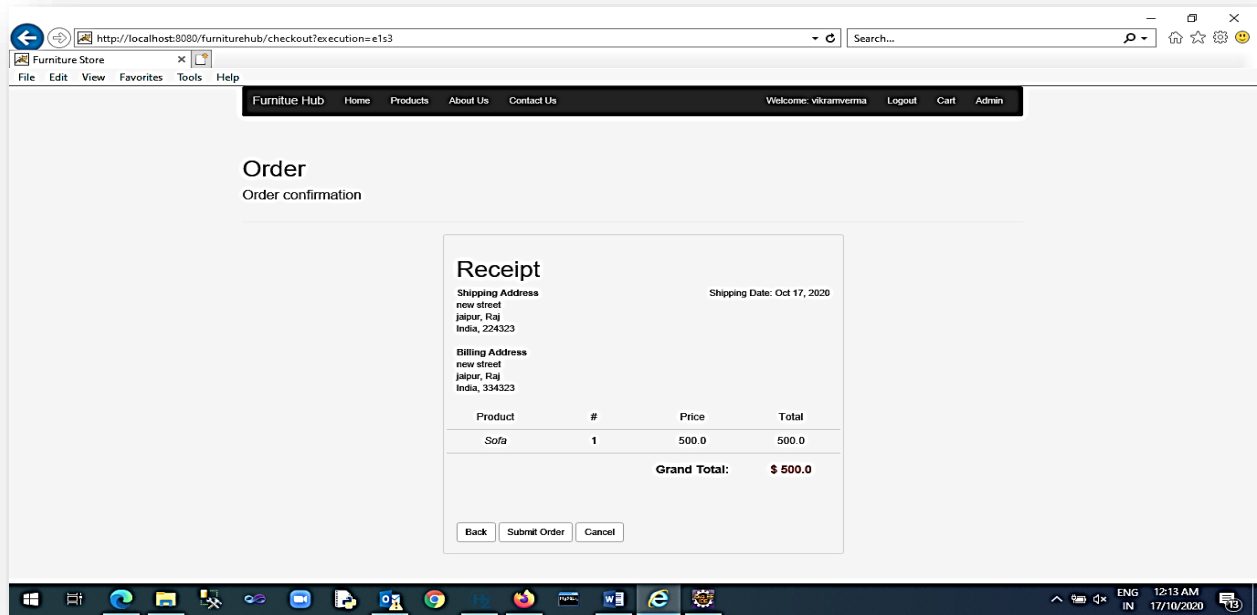
Previous
1
Next





-----after clicking on checkout button it will ask for customer details-----





-----after clicking on submit order -----

