

1. How to run the project.

First copy the project folder inside the webapps folder make sure that all the libraries related to mongoDB, servlets and other java libraries are set properly inside class path. Then first run the env file for tomcat inside cmd and then start the tomcat by going to appropriate directory.

After that run mongo db by opening two different cmd windows in first window run 'mongod' and in second window run 'mongo' this second window will connect to mongoDB and you will be able to perform mongoDB Operations.

Now we are all set now go to any browser and type: '**localhost/WebTutorial/Index**'. Name of the first page is Index. It is a servlet. As a validations I have used MongoDB and sessions to keep track of user type if there is any wrong input is provided browser will give exception. As we are not supposed to use javaScript so no strong validation was applied.

2. Where to begin.

So first go to browser and type: '**localhost/WebTutorial/Index**' this will open the first page of the project now as you will be a new user you are supposed to create three user types one for salesman one for customer and one for storemanager to attain their functionality. So first create user account for store manager by typing username and password and select storemanager and click for create new user, your new account will be created and you will see main screen. Follow same process for all other categories. Next time you come just directly type username, password and select type and click login. You will be authorized using mongoDB.

Note: Every User has their own appropriate MainPage you are requested to please not to use autocomplete feature of browser as it may create unnecessary typing error.

Below are the screenshots of my application.

1. Index

GameSpeed							
Weekly Deals	Contact Us						
Microsoft	<div><h3>Welcome to Game Speed</h3><p>Get Ready for your best online shopping experience!!! :)</p><p>Existing Users Please Login To Continue / Create New User To Continue</p><table border="1"><tr><td>User Name:</td><td><input type="text" value="nik3"/></td></tr><tr><td>Password:</td><td><input type="password" value="...."/></td></tr><tr><td>User Type:</td><td><input type="radio"/> Store Manager <input type="radio"/> Customer <input type="radio"/> Salesman</td></tr></table><p>Login NewUser</p></div>	User Name:	<input type="text" value="nik3"/>	Password:	<input type="password" value="...."/>	User Type:	<input type="radio"/> Store Manager <input type="radio"/> Customer <input type="radio"/> Salesman
User Name:		<input type="text" value="nik3"/>					
Password:		<input type="password" value="...."/>					
User Type:		<input type="radio"/> Store Manager <input type="radio"/> Customer <input type="radio"/> Salesman					
Sony							
Nintendo							
Accessories							
<div>About Us FeedBack Help</div>							

2. Store Manager Welcome

GameSpeed

Welcome storemanager, sub!

[Console Manufacturers](#)

[Game Makers](#)

[Weekly Deals](#)

[Contact Us](#)

[Product Settings](#)

[Log Out](#)

Microsoft

Sony

Nintendo

Accessories

Welcome to Game Speed

Get Ready for your best online shopping experience!!! :)

HURRAY! Promotion period is currently going... Please Add Items to cart to check for Discounted price

[About Us](#)

[Feedback](#)

[Help](#)

3. Store Manager Rights

ADD NEW PRODUCT

Add New Product information:

PRODUCT TYPE:	PRODUCT ID:	PRODUCT NAME:	PRODUCT DESCRIPTION:	PRODUCT PRICE:
MICROSOFT				

ADD

Delete Product

PRODUCT TYPE:	PRODUCT ID:
MICROSOFT	

DELETE

Update Product

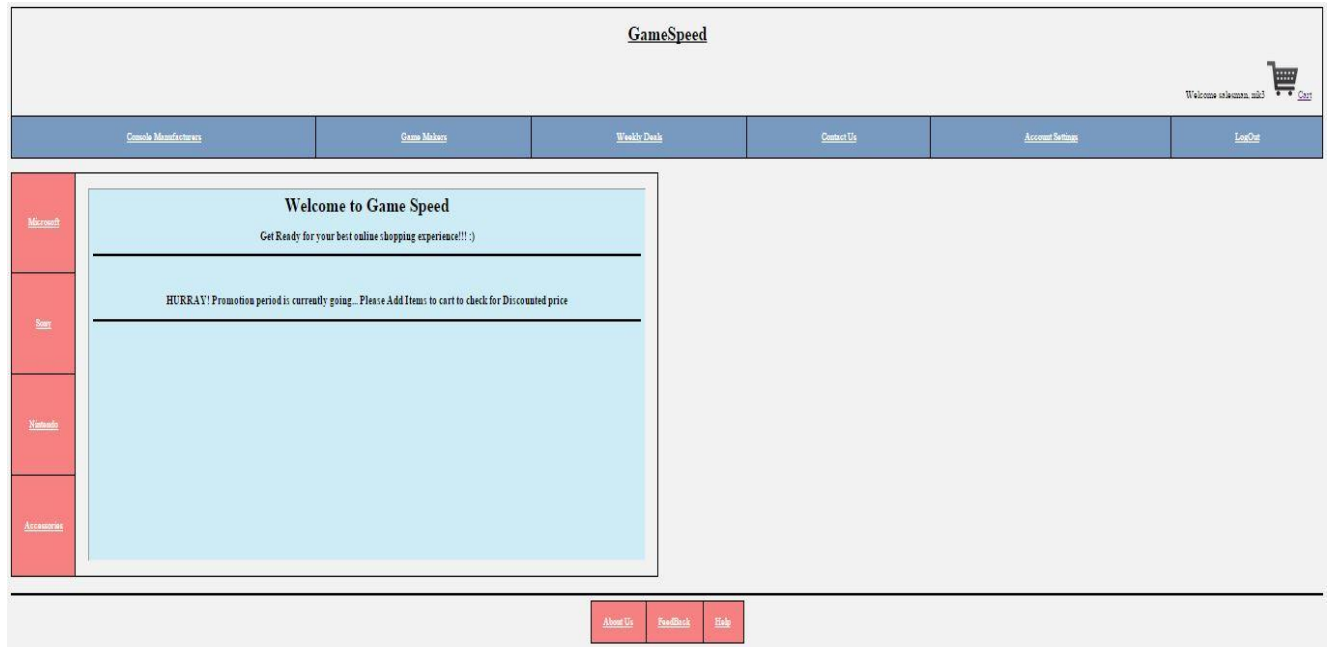
PRODUCT TYPE:	PRODUCT ID:	PRODUCT NAME:	PRODUCT DESC:	PRODUCT PRICE:
MICROSOFT				

UPDATE

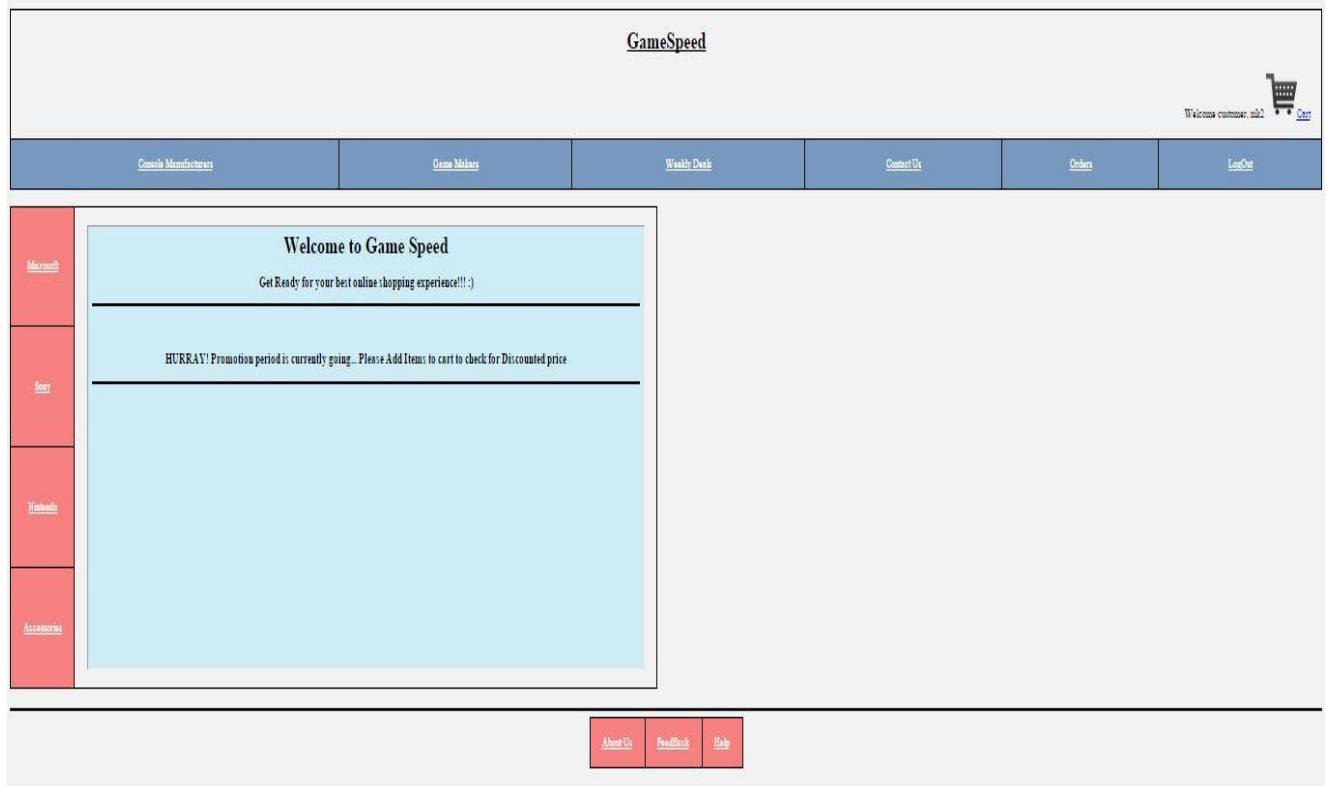
Return To Home Page

[Home](#)

4. Salesman Welcome Page



5. Customer Welcome



6. Customer Rights

Orders

Orders:-

Status Of Your Orders:

Order Number	Total Price	First Name	Last Name	Address	Contact No.	Order Delivery Date
19068	579	pyoti	pyoti	pyoti	1234567	10/27/2015
19110	579	joe	joe	chicago	123	10/27/2015
16308	195	nikhil	ar	123	1213	10/27/2015
15926	193	pyoti	pyoti	123	234	10/27/2015

Cancel Order:-

Cancel an order:

Please Provide Order Number:

7. Products List

[Microsoft](#)
[Sony](#)
[Nintendo](#)
[Accessories](#)

USED-XboxOriginal firstGeneration 120

USED-Xbox360 2ndGeneration 230

NEW-XBoxOne LatestProduct100GB 220

8. Shopping Cart Servlet

Shopping Cart Information:

Product ID	Product Name	Product Price	Product Quantity	Discount Price	Final Price	Product Action
1	USED-XboxOriginal	120	1	19	101	update
2	USED-playstation1	160	1	7	153	update
2	NEW-Nintendo	360	1	16	344	update

NOTE: In order to remove item from cart update quantity to ZERO

Your Order Total is: 598

CheckOut

Continue Shopping

9. Buy Products

Customer: nik2 Placing an Order

Product Order information:

Buy Warranty For 1 year: YES ▾

Product Total: 598

First name:

Last name:

Address:

Phone: 123

Credit Card: ***

Place Order

10. Buy Receipt

Thank you for shopping :)

Your Order Has Been Placed

Below are your order details

Order Number	Total Price	Warranty	First Name	Last Name	Address	Contact No	Order Delivery Date
28612	598	yes	nikhil	arora	LM	1234567	10/27/2015

[Index](#)

11. Write Reviews

Microsoft	<h3>USED-XboxOriginal</h3> <p>Product information:</p> <table><tr><td>Manufacturer Name:</td><td>Microsoft</td></tr><tr><td>Product Name:</td><td>USED-XboxOriginal</td></tr><tr><td>Product Category:</td><td>GamingConsole</td></tr><tr><td>Product Price:</td><td>120 \$</td></tr><tr><td>Retailer Name:</td><td>GameSpeed</td></tr><tr><td>Retailer City:</td><td></td></tr><tr><td>Retailer State:</td><td></td></tr><tr><td>Retailer Zip:</td><td></td></tr></table> <p>Reviews:</p> <table><tr><td>Product On Sale:</td><td>Yes</td></tr><tr><td>Manufacturer Rebate:</td><td>Yes</td></tr><tr><td>User Name:</td><td>nik2</td></tr><tr><td>User Age:</td><td></td></tr><tr><td>User Gender:</td><td>Male</td></tr><tr><td>User Occupation:</td><td></td></tr><tr><td>Review Rating:</td><td>1</td></tr><tr><td>Review Date:</td><td>mm/dd/yyyy</td></tr></table> <p>Review Text:</p> <div></div> <p><input type="button" value="Submit Review"/></p>	Manufacturer Name:	Microsoft	Product Name:	USED-XboxOriginal	Product Category:	GamingConsole	Product Price:	120 \$	Retailer Name:	GameSpeed	Retailer City:		Retailer State:		Retailer Zip:		Product On Sale:	Yes	Manufacturer Rebate:	Yes	User Name:	nik2	User Age:		User Gender:	Male	User Occupation:		Review Rating:	1	Review Date:	mm/dd/yyyy
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Product Name:		USED-XboxOriginal																															
Product Category:		GamingConsole																															
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User Gender:	Male																																
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Review Date:	mm/dd/yyyy																																
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Nintendo																																	
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12. Read Review

Microsoft	<h3>Reviews For: USED-XboxOriginal</h3> <hr/> <p>Manufacturer Name: Microsoft Product Name: USED-XboxOriginal Product Category: GamingConsole Product Price: 120 Retailer Name: GameSpeed Retailer City: chicago Retailer State: IL Retailer Zip: 60616 Product On Sale: Yes Rebate Available: Yes User Name: nik2 User Age: 24 Gender: Male User Occupation: student Review Rating: 1 Review Date: 2015-10-21 Review Text: good product!</p>
Sony	
Nintendo	
Accessories	