Illinois Tech Sporting Goods (Team 20)

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Introduction:

We have created Illinois Tech Sporting Goods website. It is the retailer website where the user can purchase the sporting goods for various products. We have made the retailer website for sports such as Baseball, Basketball, Soccer, Football, and other sports. There is a manager who can add, update or delete products. We also have the functionality of multiple retailer who can register themselves and can put their products for sale on the website. The manager needs to approve every retailer post registration. Once approved, the retailer can add/update/delete their products on website. The user can Sign up through Facebook or can manually register himself. Once the user is registered he can proceed to purchase the products.

We have implemented 5 important features in this project.

1. Implemented Servlets.
2. All data is stored in MYSQL and reviews stored in MongoDB.
3. Implemented JSP and trending functionality using MYSQL and MongoDB.
4. Ajax Search and Autocomplete feature.
5. Used twitter API to match latest deals online.

1. **The home screen of the project is shown below.**
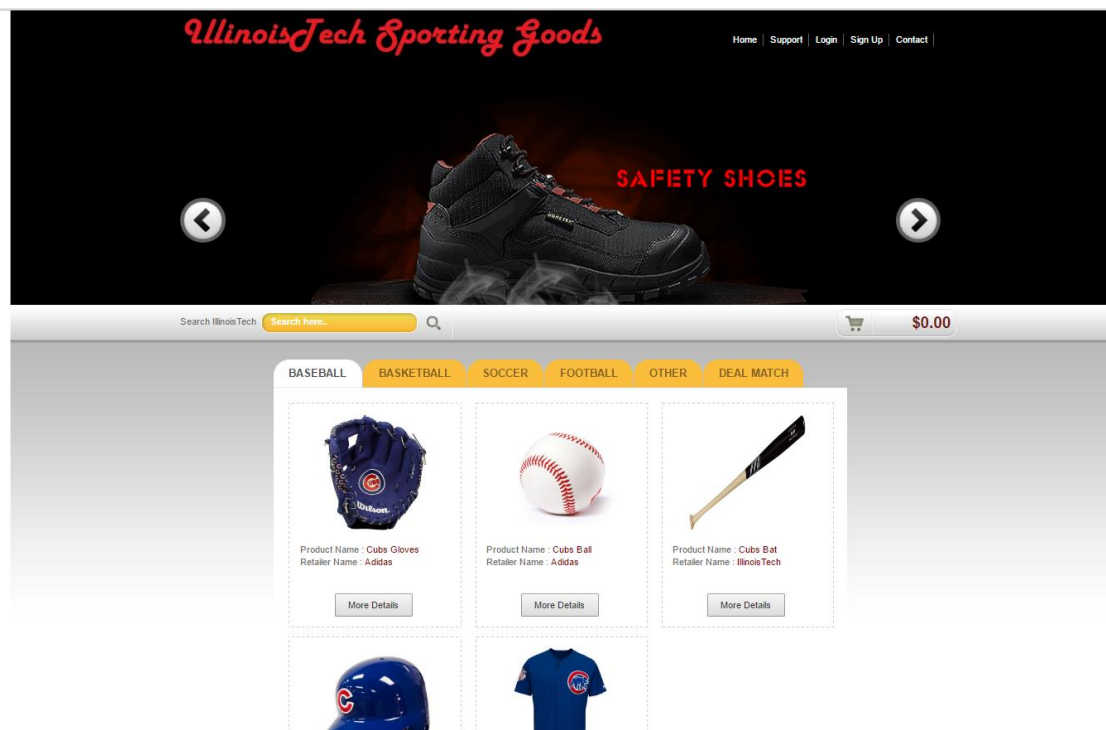
The above products are sold for Baseball sport. Similarly, we also have products for Basketball, Soccer, Football and other Sports. Please find the screenshot for their products below.

2. **The user should first click on signup. He needs to fill the information in the form mentioned. Below represents the screenshot for Sign up page.**
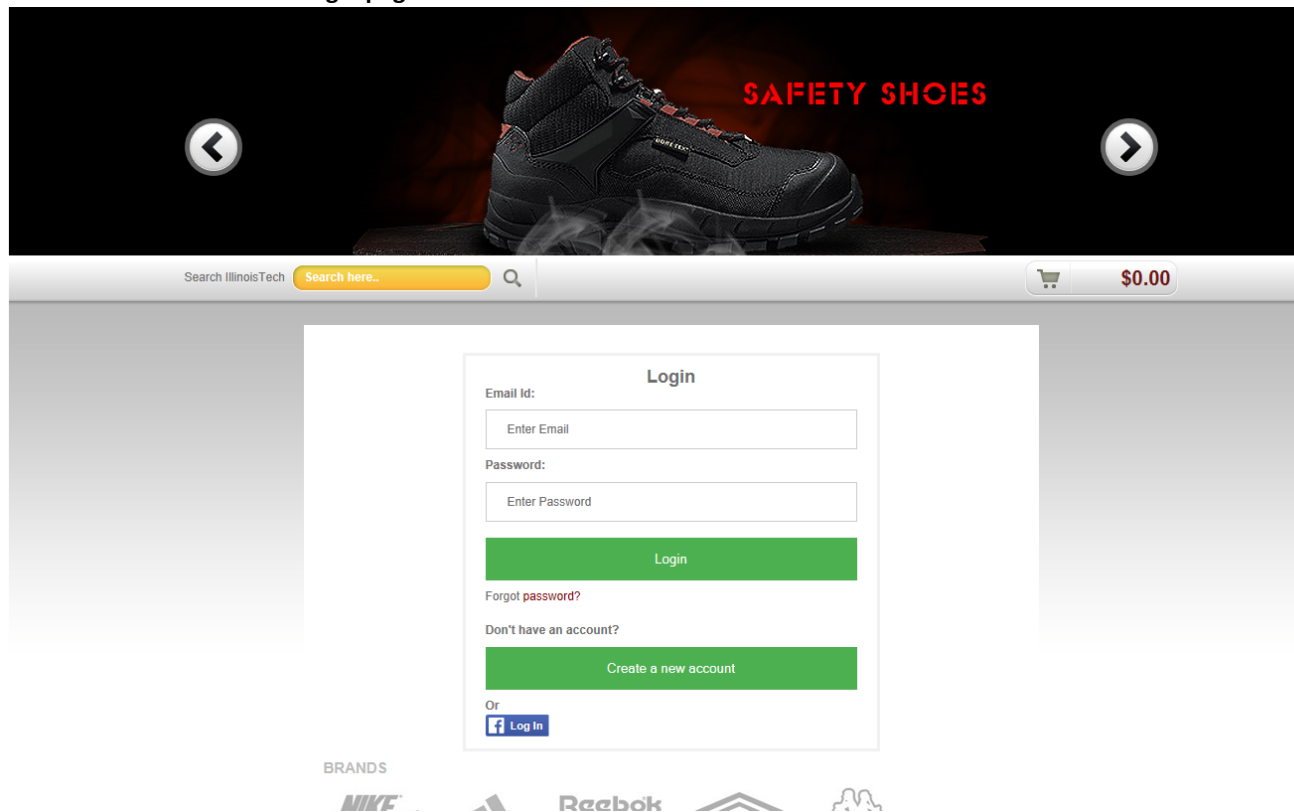

The user will be successfully registered and his information will be successfully stored in the database.
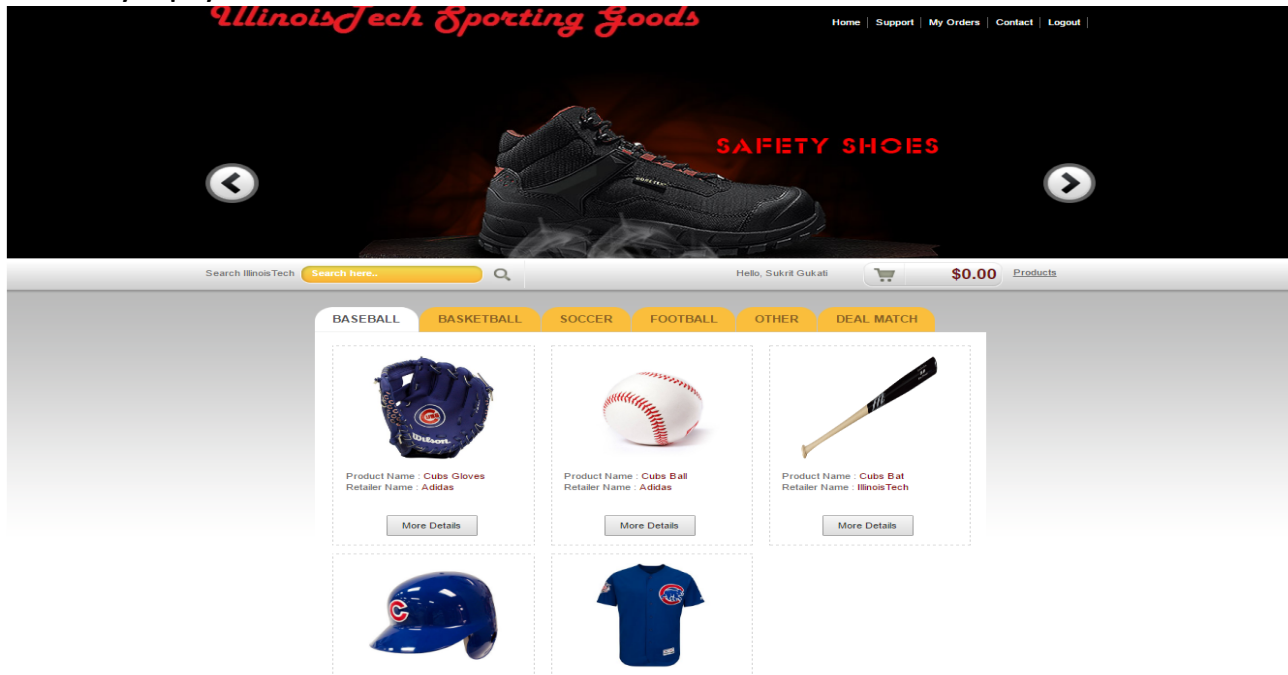
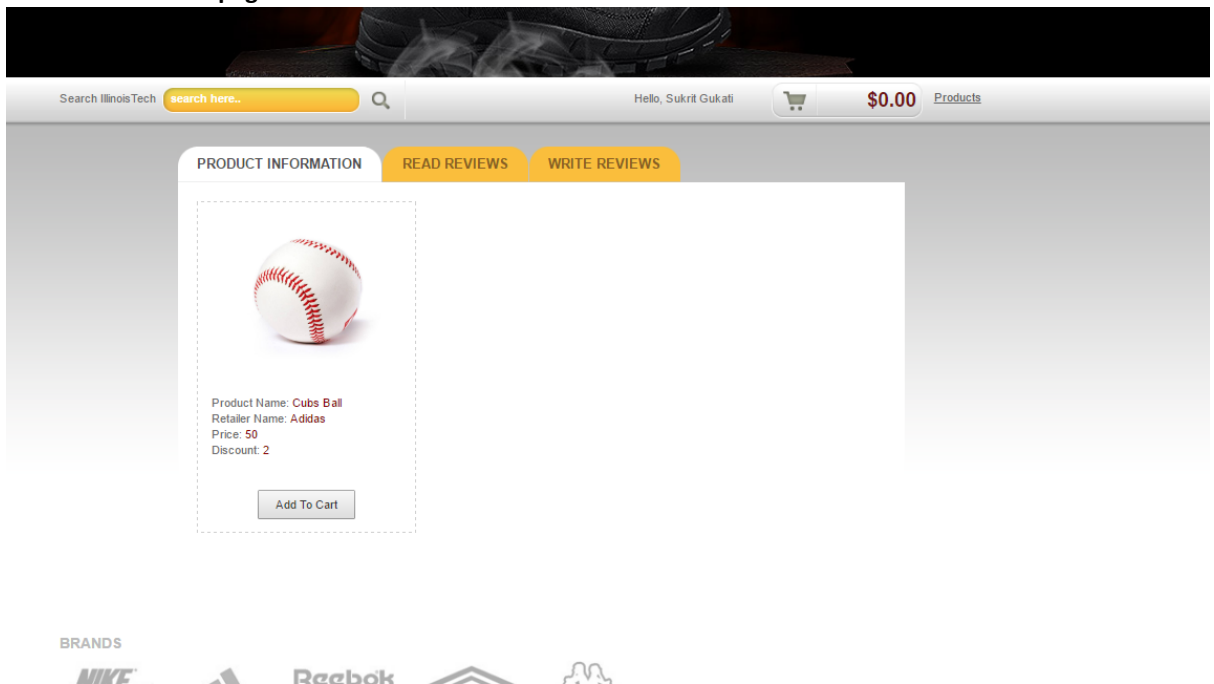**3.** **Below is the screenshot for Login page.**

4. **The User when chooses to login with FB the following page will be displayed. He needs to enter his Facebook userid and enter his Facebook password. This is shown below.**
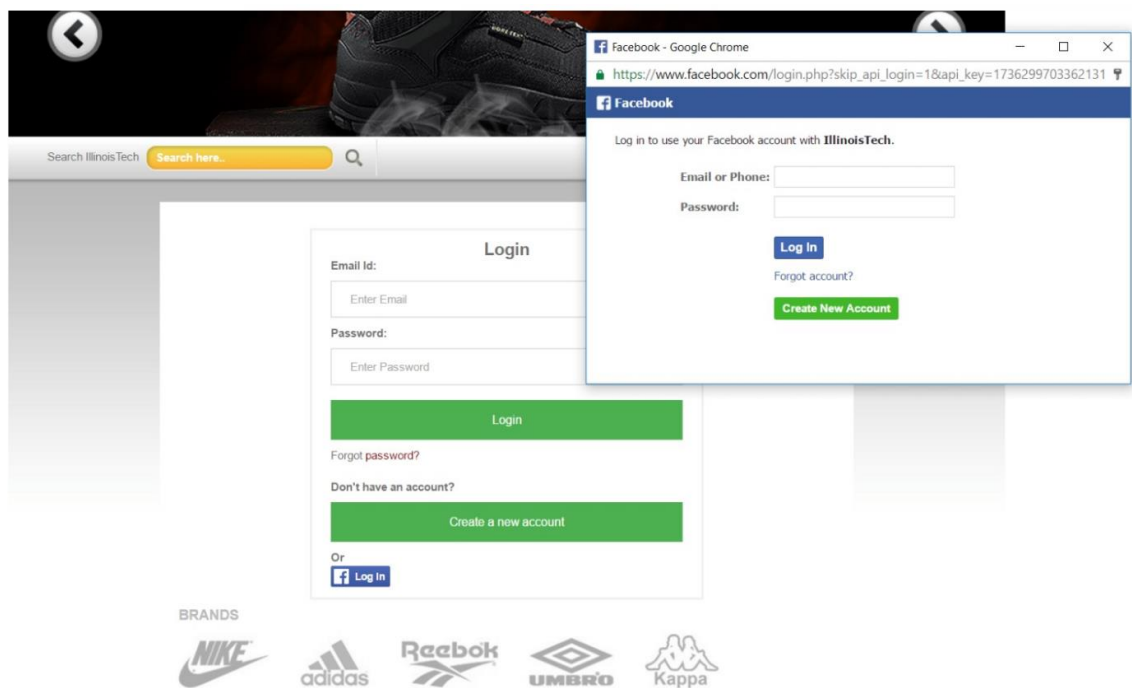
The user can click on FB Login and the user will be successfully registered via login.
This is one of the additional functionality. Once successfully log in the user home page will be successfully displayed. Please find the below screenshot.

5. **The user can proceed to purchase the product by clicking on more details. On this page he can view the price of the product. There is separate tab for Read Reviews and Write Reviews. Below is the screenshot for this page.**

6. **To add the product to the cart. He needs to click on Add To Cart. Below is the screenshot for the cart.**
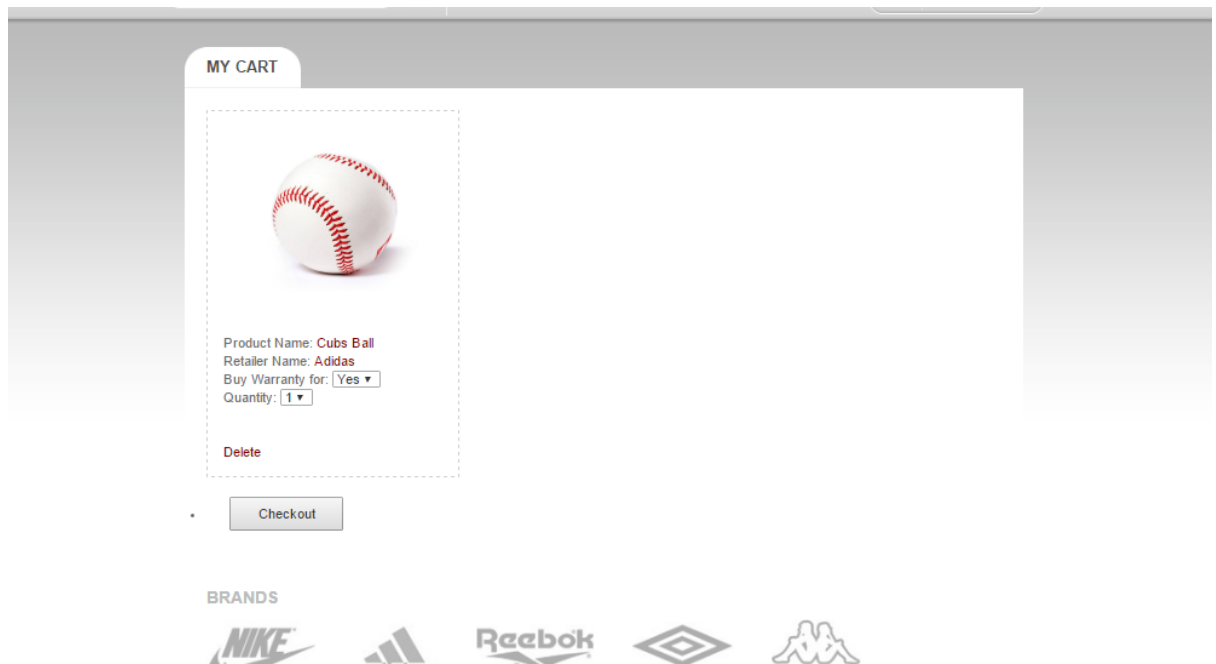
On this cart page the user can change the quantity or can buy warranty for this product. He can also modify the information of the cart by removing the products added by clicking on delete. To proceed to checkout he needs to click on checkout button.

7. **On the next page he will get the order summary page.**
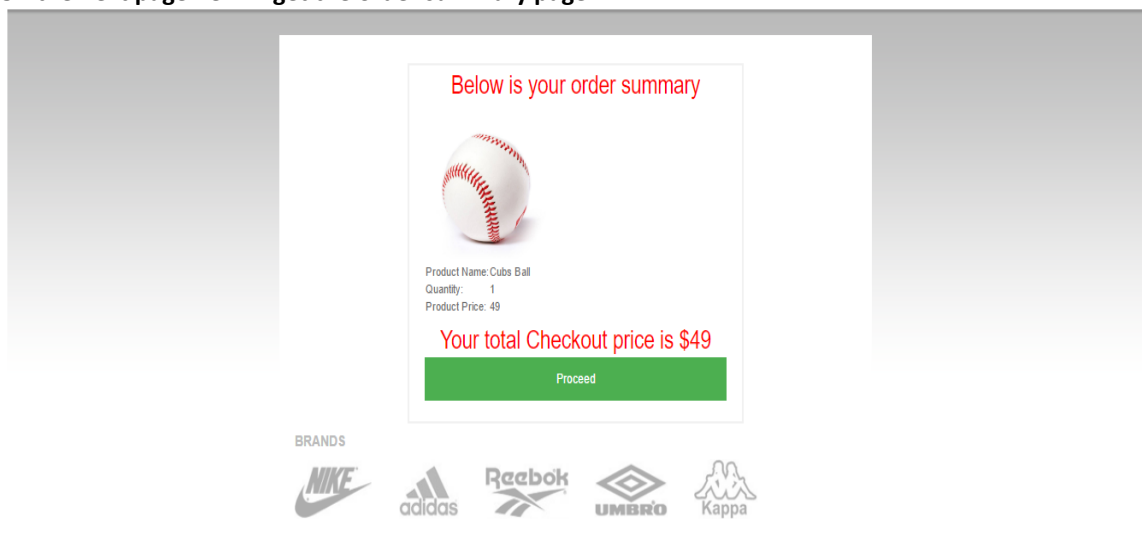
The user will get the names of the products he is purchasing and the checkout price. The checkout price is calculated by taking into consideration the quantity of the product and discount applied on this product. To purchase the product he needs to click on Proceed.

8. **The user needs to fill the information on the checkout page which is given below.**

Your Total Cost is $49

Enter your shipping address

Shipping Address

2851 south king drive Apt 401

Enter Credit/Debit Card Details

Credit Card Number

4200215263524856

CVV

525

Name on Card

Sukrit Gulati

Expiry Date(MM/YY)

07/21

Confirm Order

BRANDS

Home | Support | My Account | The Store | Contact
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9. **Once the order is placed successfully the following page of invoice is displayed with the product information, delivery date and order id.**

Congratulations!!!!!
Below is your order summary

Your Total Cost is 49

Order ID is: 2580
Delivery Date is: 12/16/2016

BRANDS

Home | Support | My Account | The Store | Contact   © Design by Grad Students at Illinois Tech

This information is stored in data base as customer order along with the products bought by this customer.

10. **The user can also WRITE REVIEW and READ REVIEW for particular product. The reviews will be stored into MongoDB. Below are the screenshot for review parts.**

The user when clicked on Submit review it will be successfully inserted into MongoDB.

To Read Review click on Read Review Tab. The following page will be displayed

11. Below is the Ajax Functionality displayed.
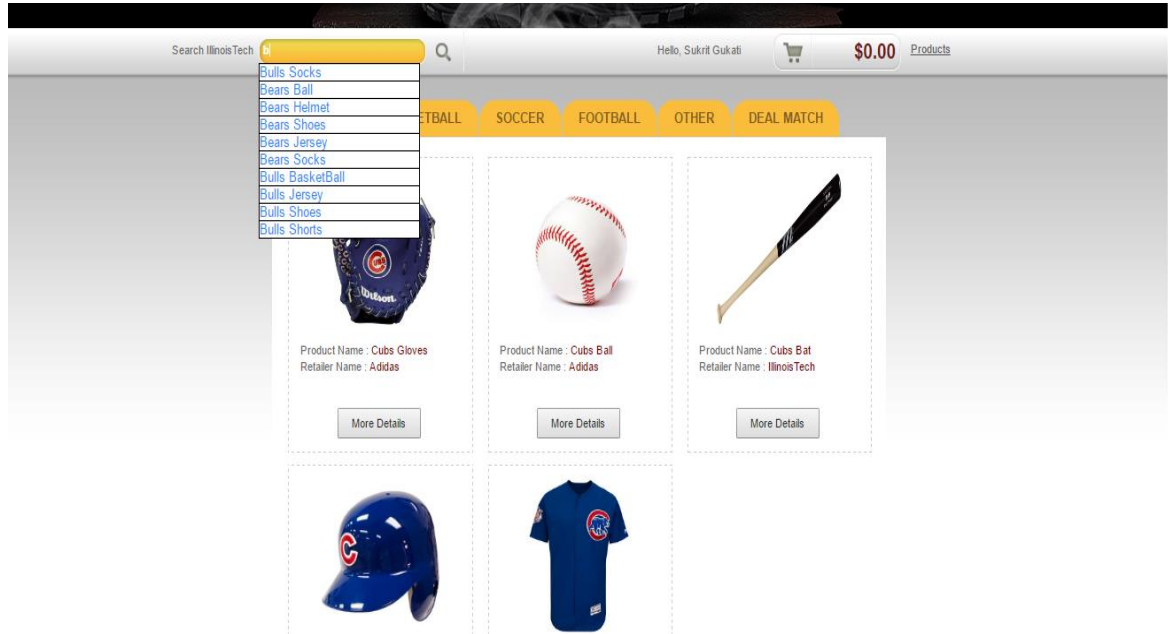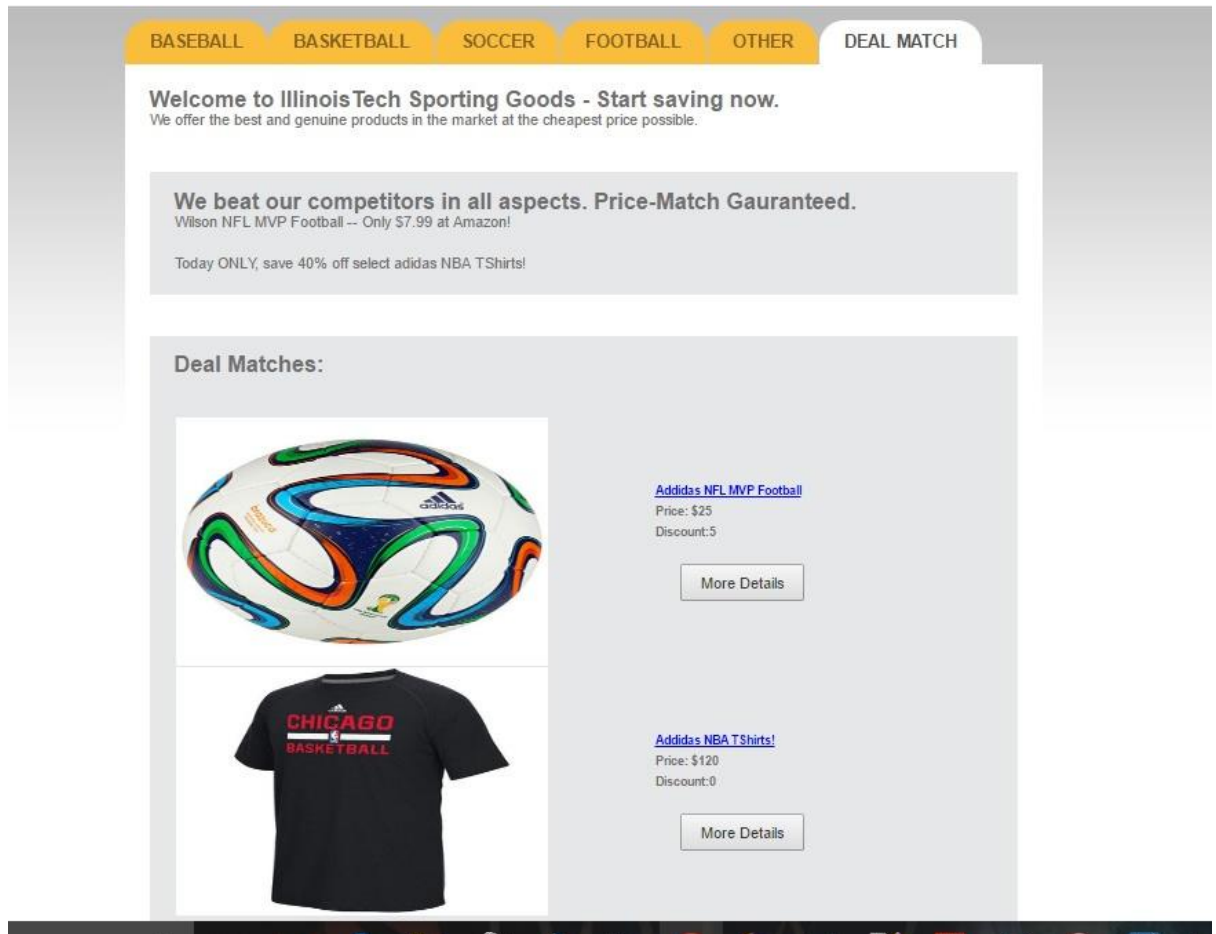

**If we choose the Bears Shoes. The product information page will we displayed as below.**
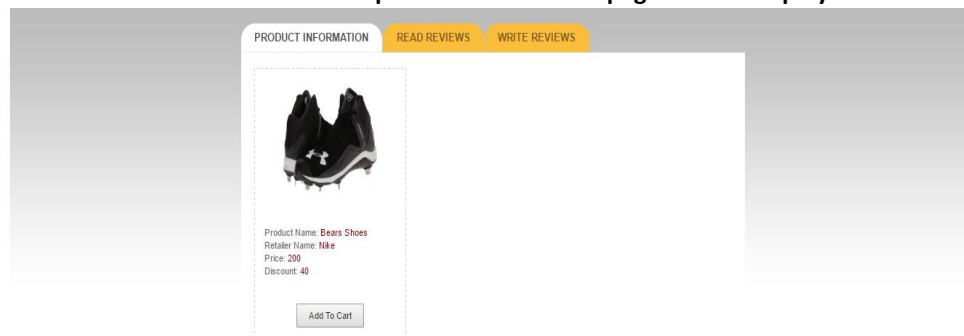
12. **To check the functionality of deal match click on deal match tab. The following information will be displayed. The products in the database are matched with the deals found online using twitter API. Below is the screenshot for DEAL MATCH.**

13. **We have also implemented the functionality of Trending.**
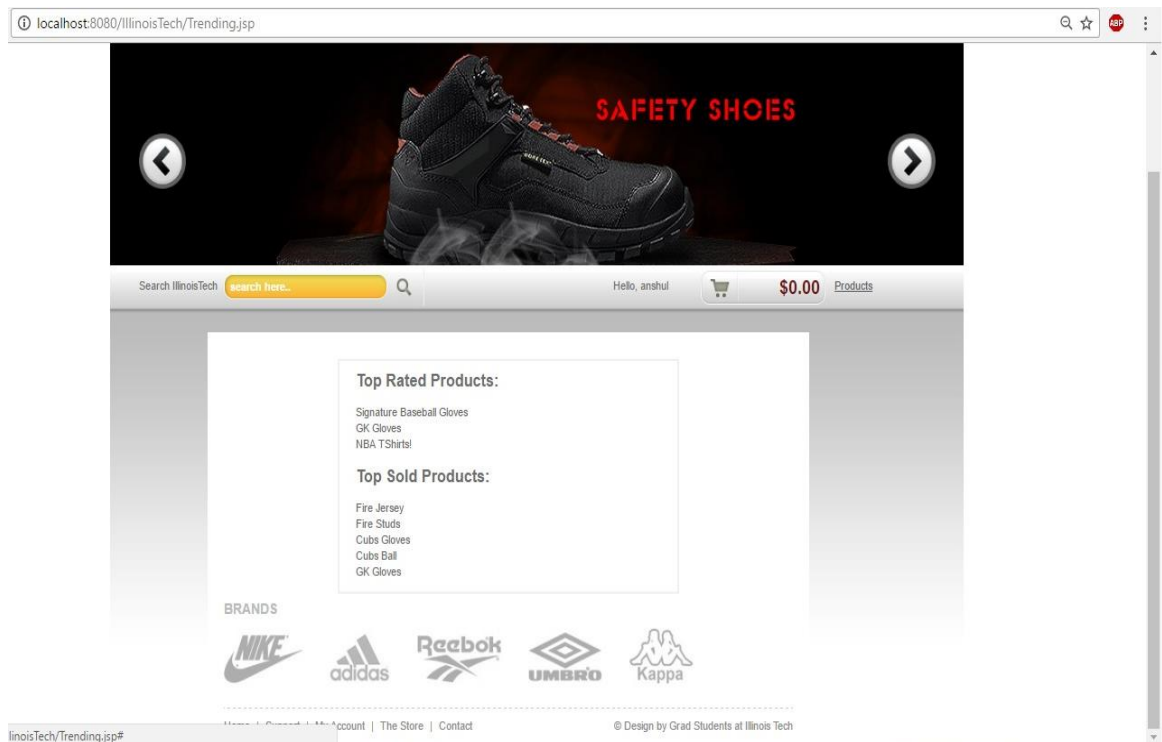
In trending section we have found the top rated products depending on the ratings for the products using MongoDb. To find the top sold products we used MYSQL depending on the number of products sold.

14. **To login as the manager, the manager should login using the email id and password provided for the manager. Below is the homepage for manager**
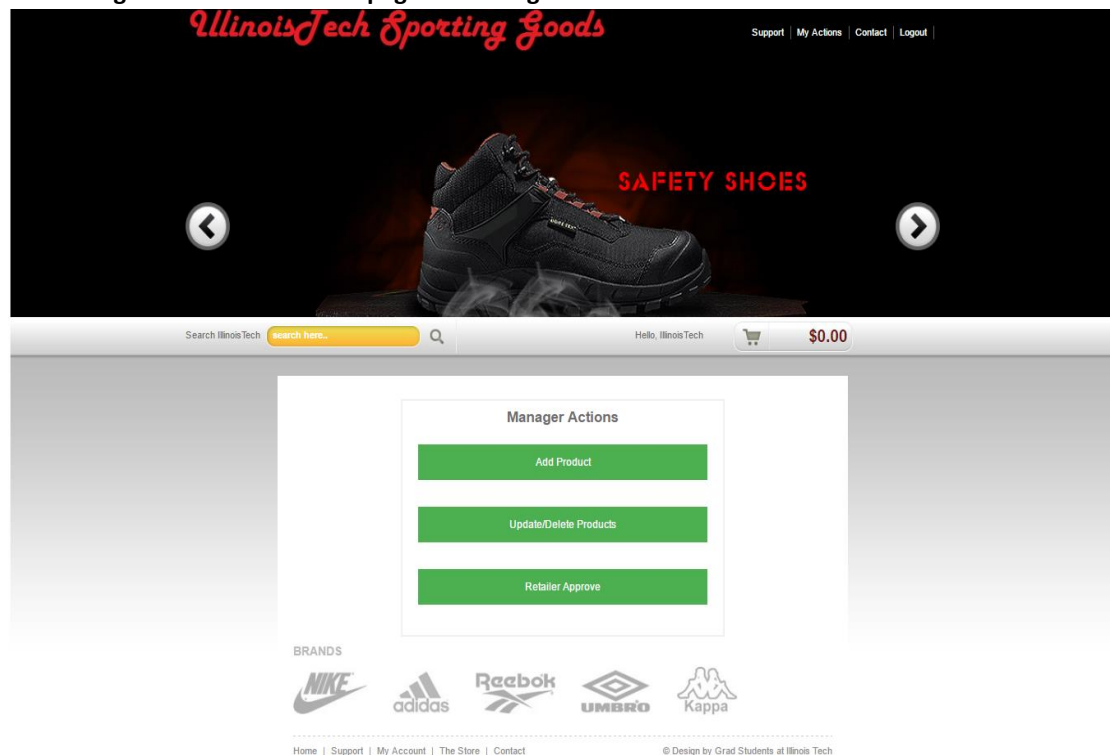
The manager can Add Product, Update/Delete Product and Approve recently registered retailers.

Initially the Manager will have to choose between Approve or reject for the retailer. If the retailers is approved then he can sell his own products in the website. If the manager choses to reject the retailer then all the functionality of the retailer will be revoked.
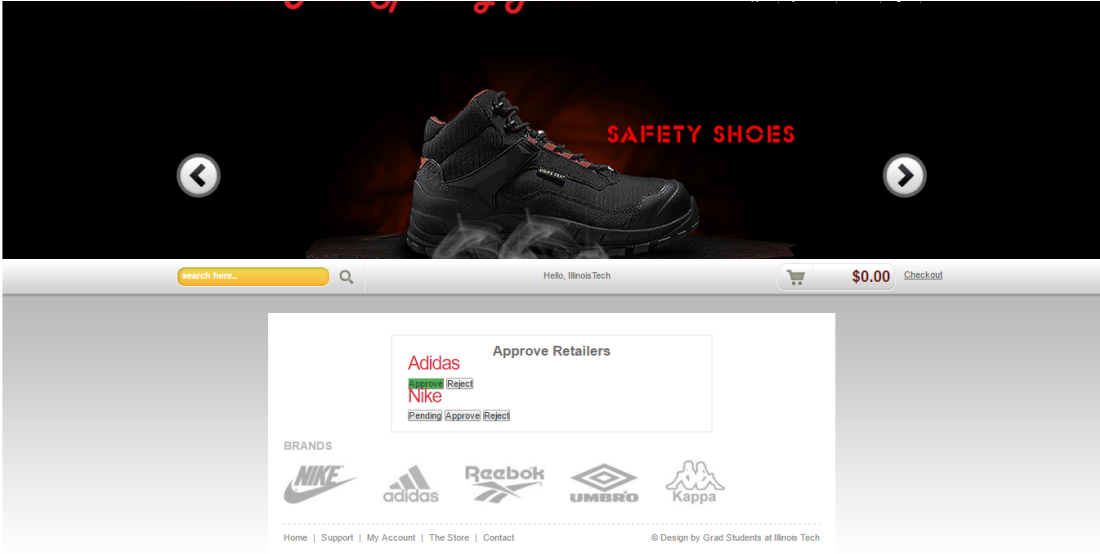
15. **To signup as the retailer he should click on 'SIGNUP as RETAILER' on the Signup page. The signup page will be displayed and he needs to enter his information as shown below.**

 Once the retailer is successfully registered the manager needs to approve him as retailer which is shown in the above screenshot.

Once the retailer is approved the retailer needs to login again. The following homepage will be displayed for the retailer.

The retailer can view his own products or can add new products on sale. He can also update/delete products.

To add new product he needs to click on Add new Product. The following page will be displayed. The retailer needs to fill all the information as shown in the page below.

 Similarly, the retailer can update/ delete product. This information is shown in the video attached with this project.