

# **CS595: Enterprise Web Application Development**

**Final Project: Sport4Hawks (Online Retailer)**

## ***Team Member***

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# Requirement Document

## Overview

Every university / school has its own sports center and many students play different sports and they need different sports equipment and accessories for the same. Our aim to develop an application for students in any university so that they can buy such sports accessories and equipment online so that they will be able to save the time.

We have developed a web application called Sports4hawks which will serve the purpose to buying the sports equipment and accessories online.

## Requirement

Since this application is similar to any online retailer in market we have tried to develop most of the features available with existing online retailer website such as BestBuy, Target etc.

Following requirement are taken into consideration while developing this application.

- There will be different type users namely guest and registered users who can buy sports accessories. Admin user will be there who will authentic these users while registration and getting the order details.
- User can opt for buy as guest user or register his / her information through the application.
- There will be different kind of categories such as Casual, Equipment, Foot wares, Men, Women etc. User will be able to buy items from any category by selecting particular one.
- User can add the product to shopping cart. He can increase / decrease / remove the items from the cart.
- We have implemented the autocomplete feature also for searching the items from catalog. User can start typing in search box and relevant items will be suggested in list. User can select item from this list to get the details for that selected item.
- User can place the order and order details will be shown on the application with order number generated for that order. Order details will be saved in text file called OrderDetail.txt .From w this page will be able to return to continue shopping.
- Once user places his / her order he / she can view the placed order using View order tab from which placed order details will be fetched from text file and shown on application page.
- User can choose to cancel the order he has placed however he cannot delete the same if the delivery date is within 5 business days.
- User even can sent inquiry or request email to admin user by selecting contact us tab from the application so that he can send a request to admin for any particular item that may be necessary for his / her sports.

**Table:**

Requirements that we implemented	Requirements that could not implemented
Different User Types	Discounts and offers feature
Option to buy as guest user or Register user	
Different Product Categories	
Products stored in Hash Map as well as in text file which is loaded when application is launched.	
Add product to Cart, Remove Product from Cart, Increase the quantity of product which is added to Cart.	
User can place the order by providing the details. Order number and delivery date is generated and will be shown in the table once the order is placed.	
Placed order can be viewed after providing email id and order can be cancelled by providing order number.	
Autocomplete feature in order to search the name of product from the catalog.	
Contact to Admin in order to send request / query via email.	

## Class Diagram

