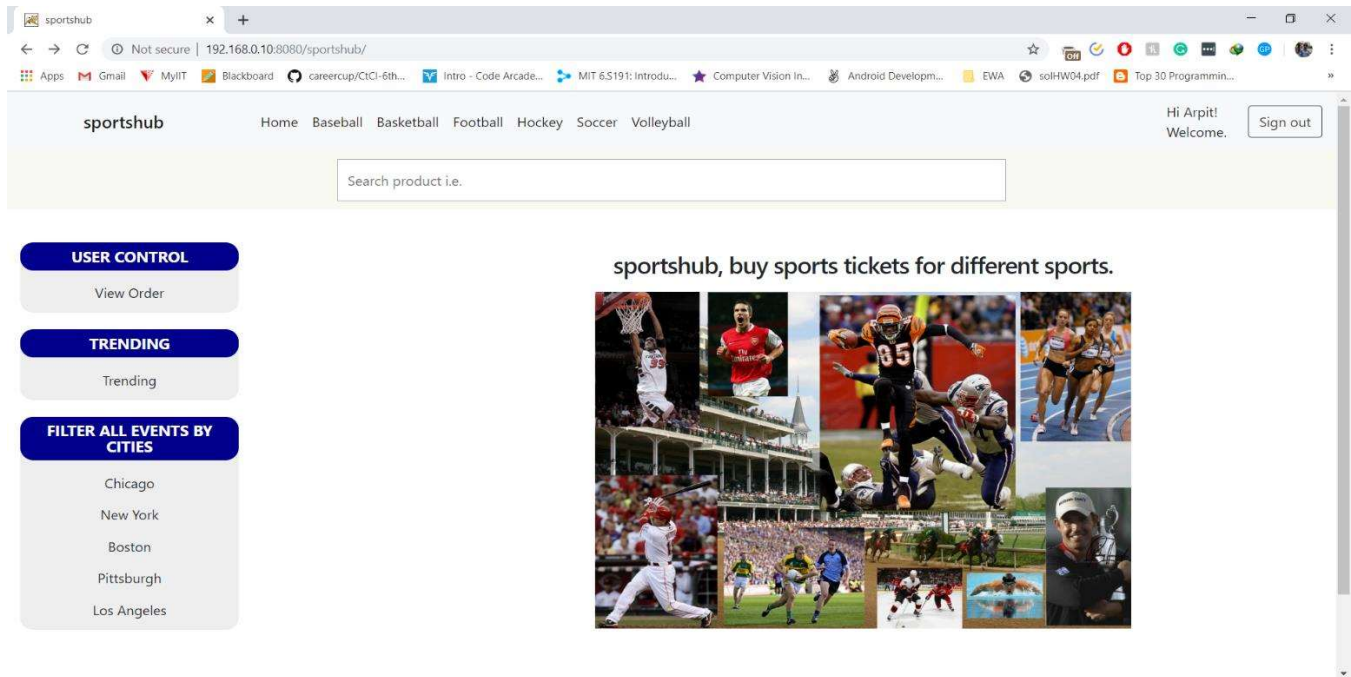
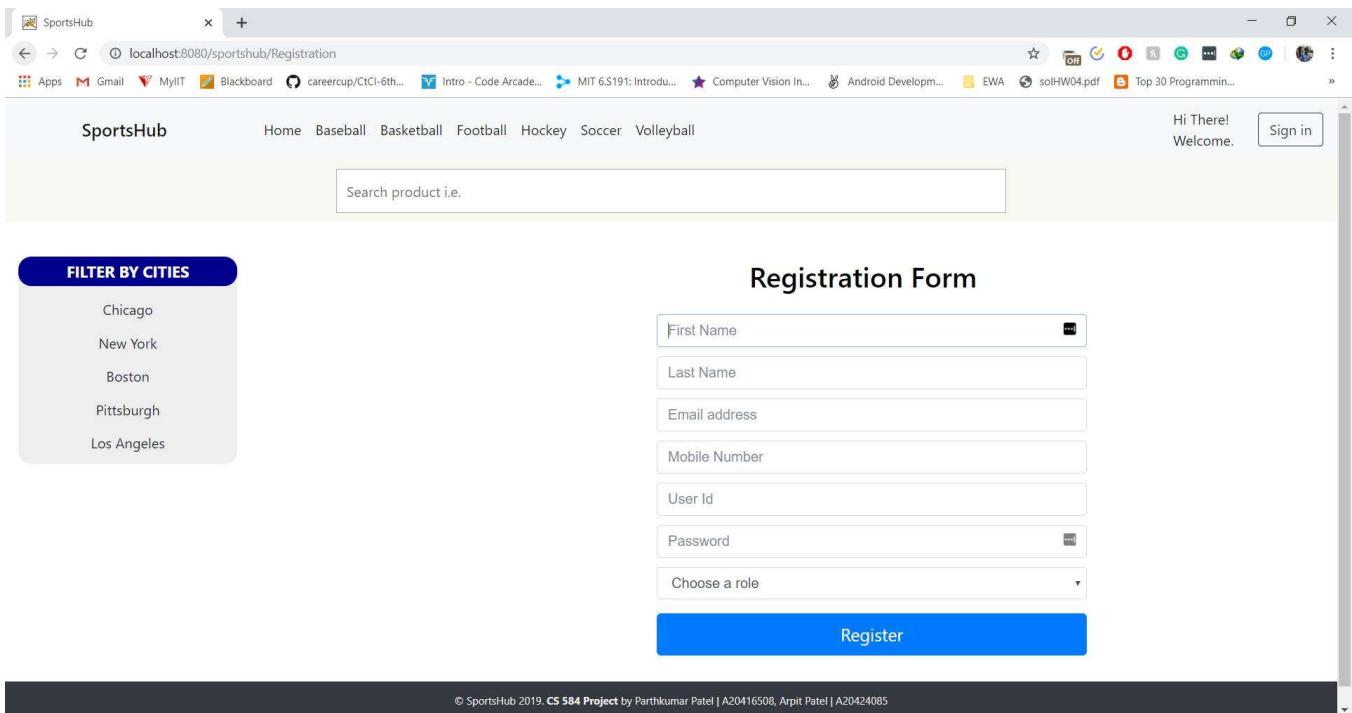


1. Homepage



2. Register



3. Login

SportsHub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi There! Welcome. [Sign in](#)

Search product i.e.

FILTER BY CITIES

- Chicago
- New York
- Boston
- Pittsburgh
- Los Angeles

Please Sign in

Email address

Password

Choose a role

[Sign in](#)

[New User? Register Here](#)

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4. Basketball Page

sportshub

Not secure | 192.168.0.10:8080/sportshub/ProductDisplayServlet?sportscategory=Basketball

SAINT FRANCIS PA RED FLASH AT ST. JOSEPH'S HAWKS BASKETBALL

Date: 2019-11-30T19:00:00-0500 | Place: Michael J. Hagan Arena | Discount: 0.0%

Address: Philadelphia, PA, 19131

[Add to Cart](#)

CAMPBELL FIGHTING CAMELS AT FLORIDA GULF COAST EAGLES BASKETBALL

Date: 2019-11-30T19:00:00-0500 | Place: Allico Arena | Discount: 0.0%

Address: Fort Myers, FL, 33965

[Add to Cart](#)

CANTON CHARGE AT COLLEGE PARK SKYHAWKS

Date: 2019-11-30T18:30:00-0500 | Place: Gateway Center Arena at College Park | Discount: 0.0%

Address: Atlanta, Georgia, 30337

[Add to Cart](#)

XAVIER GOLD AT NEW ORLEANS PRIVATEERS BASKETBALL

Date: 2019-11-30T18:00:00-0600 | Place: UNO Lakefront Arena | Discount: 0.0%

Address: New Orleans, LA, 70122

Sold out.


[Add to Cart](#)

ROBERT MORRIS COLONIALS AT CLEVELAND STATE VIKINGS BASKETBALL

Date: 2019-11-30T18:00:00-0500 | Place: Cleveland State University Wolstein Center | Discount: 0.0%


[Add to Cart](#)

5. Football Page

 sportshub


Not secure | 192.168.0.10:8080/sportshub/ProductDisplayServlet?sportcategory=Football

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**NORTH CAROLINA TAR HEELS AT NC STATE WOLFPACK FOOTBALL**


Date: 2019-11-30T19:00:00-0500 | Place: Carter-Finley Stadium | Discount: 0.0%
Address: Raleigh, NC, 27607

Add to Cart

**TEXAS A&M AGGIES AT LSU TIGERS FOOTBALL**


Date: 2019-11-30T18:00:00-0600 | Place: Tiger Stadium Baton Rouge | Discount: 0.0%
Address: Baton Rouge, LA, 70893

Add to Cart

**PARKING PASSES ONLY VANDERBILT COMMODORES AT TENNESSEE VOLUNTEERS FOOTBALL**


Date: 2019-11-30T16:01:00-0500 | Place: Neyland Stadium Parking Lots | Discount: 0.0%
Address: Knoxville, TN, 37996

Add to Cart

**BAYOU CLASSIC - GRAMBLING V SOUTHERN**

Date: 2019-11-30T16:00:00-0600 | Place: Mercedes-Benz Superdome | Discount: 0.0%
Address: New Orleans, LA, 70112


Add to Cart

**VANDERBILT COMMODORES AT TENNESSEE VOLUNTEERS FOOTBALL**

Date: 2019-11-30T16:00:00-0500 | Place: Neyland Stadium | Discount: 6.0%
Address: Knoxville, TN, 37996

Add to Cart

6. Page with 2 filters Hockey and New York

 sportshub

Not secure | 192.168.0.10:8080/sportshub/ProductDisplayServlet?sportcategory=Hockey&eventcity=New%20York

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Home Baseball Basketball Football Hockey Soccer Volleyball


Hi There! Welcome. [Sign in](#)

Search product i.e.

FILTER HOCKEY EVENTS BY CITIES


- Chicago
- New York
- Boston
- Pittsburgh
- Los Angeles

NEW YORK

**PARKING PASSES ONLY VEGAS GOLDEN KNIGHTS AT NEW YORK RANGERS**

Date: 2019-12-02T19:01:00-0500 | Place: Madison Square Garden Parking Lots | Discount: 0.0%
Address: New York, NY, 10001

Sold out. [Add to Cart](#)

**VEGAS GOLDEN KNIGHTS AT NEW YORK RANGERS**

Date: 2019-12-02T19:00:00-0500 | Place: Madison Square Garden | Discount: 0.0%
Address: New York, NY, 10001

Sold out. [Add to Cart](#)

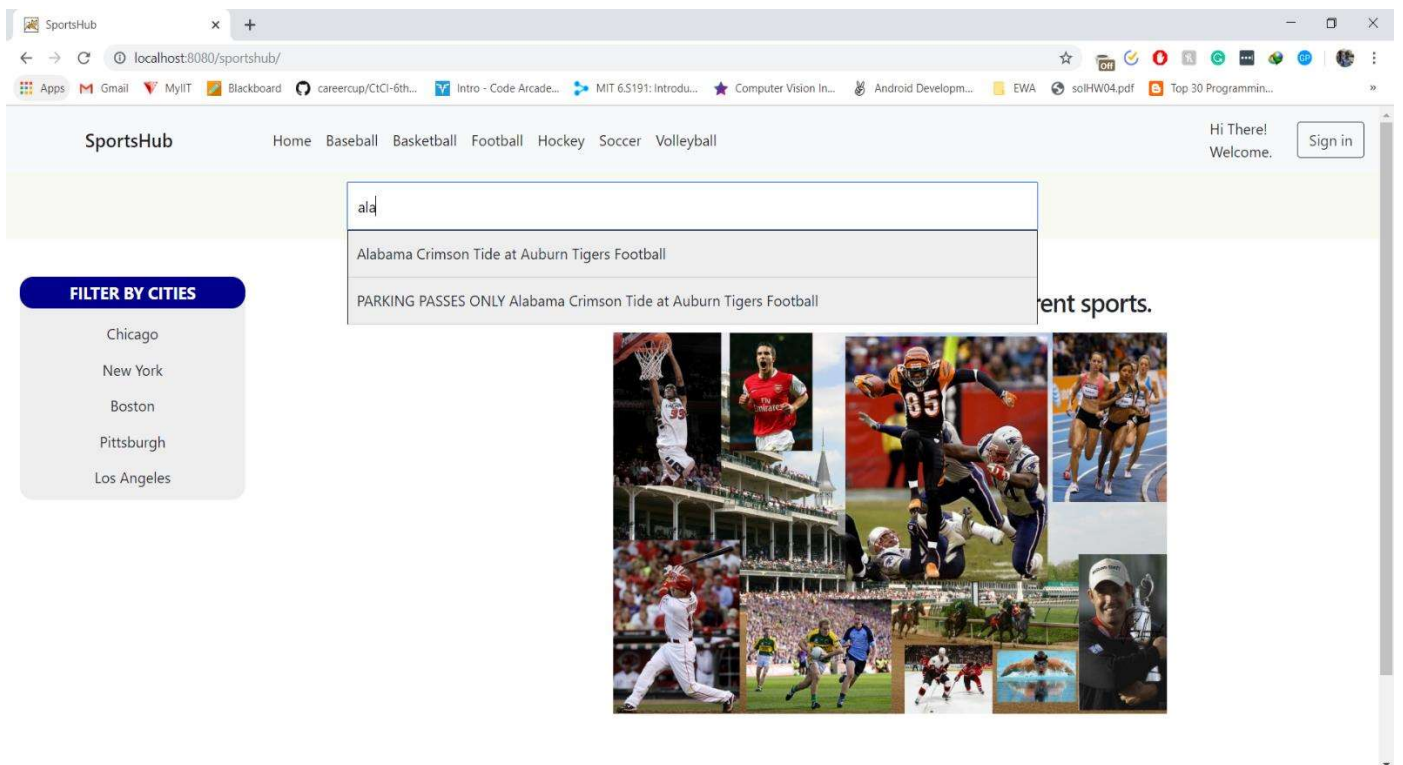
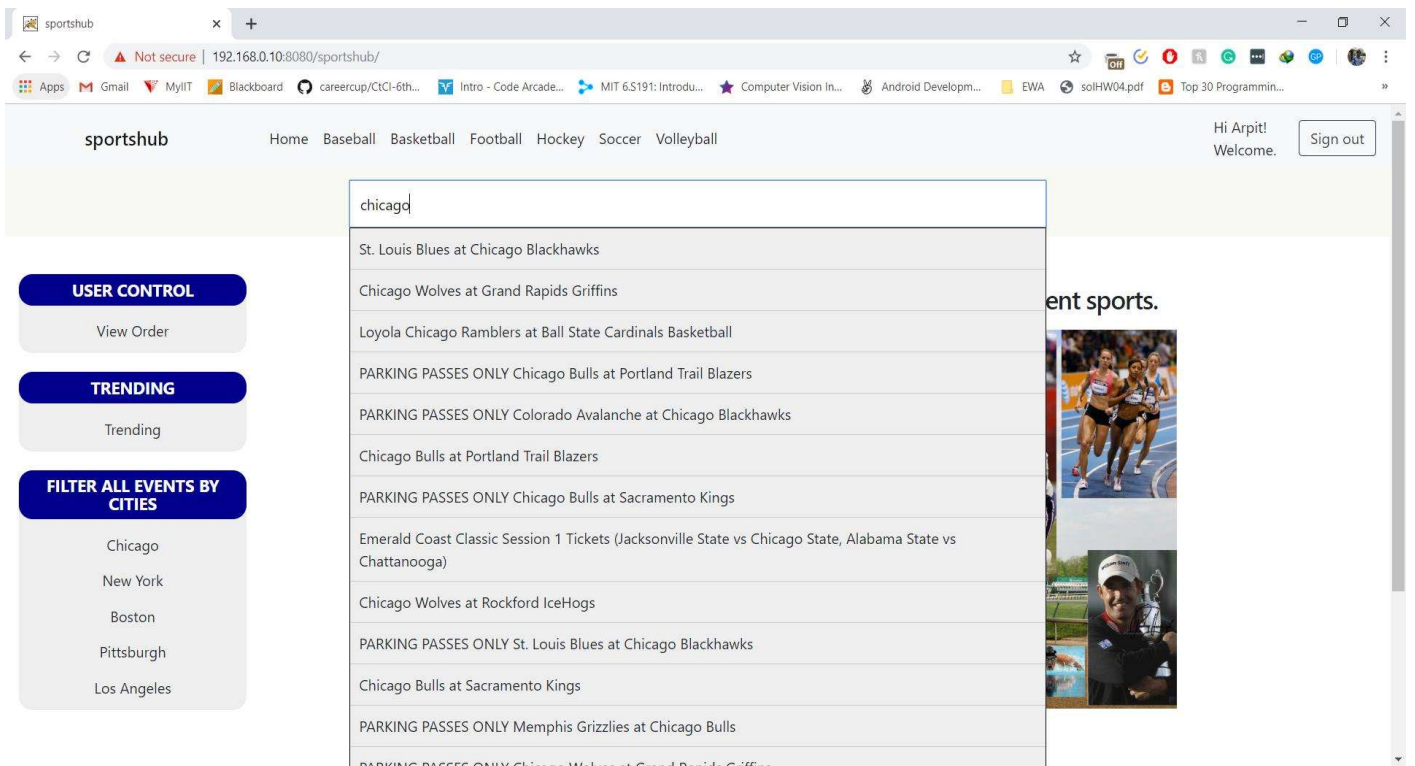
7. View Event Page

The screenshot shows a web application interface for viewing an event. The browser address bar shows the URL: `192.168.0.10:8080/sportshub/ViewProductServlet?eventid=104230571`. The page has a header with the site name 'sportshub' and navigation links: Home, Baseball, Basketball, Football, Hockey, Soccer, Volleyball. A user is logged in as 'Hi Parth! Welcome' with a 'Sign out' button. A search bar is present with the placeholder 'Search product i.e.'. On the left, there are three sidebar sections: 'USER CONTROL' with links 'Add Product', 'Update/Delete Product', 'Inventory Report', and 'Sales Report'; 'TRENDING' with 'Trending'; and 'FILTER ALL EVENTS BY CITIES' with a list of cities: Chicago, New York, Boston, Pittsburgh, and Los Angeles. The main content area displays the event details for 'TEXAS LONGHORNS AT IOWA STATE CYCLONES WOMENS VOLLEYBALL'. It includes a volleyball icon, the event title, and details: Date: 2019-11-30T16:00:00-0600, Place: Hilton Coliseum, Discount: 0.0%, and Address: Ames, IA, 50010. There is an 'Add to Cart' button. Below the event details is a section titled 'Write Review About Event'. This section contains form fields for 'Retailer Name', 'Zip', 'City', 'State', 'Reviewer Name', 'Your Age', 'Gender', and 'Occupation', followed by a 'Comments' field.

8. Select ticket in drop down menu

This screenshot shows the same event page as before, but with a dropdown menu open for selecting a ticket. The dropdown menu is located next to the 'Add to Cart' button and lists the following options: STU2--Price \$6, GA29--Price \$6, General Admission--Price \$6, 113--Price \$21, GA5--Price \$21, 132--Price \$21, 110--Price \$20, 113--Price \$21, GENERAL ADMISSION--Price \$10, and GA27--Price \$6. The event details for 'TEXAS LONGHORNS AT IOWA STATE CYCLONES WOMENS VOLLEYBALL' are still visible. Below this event, another event 'TEXAS AM AGGIES AT FLORIDA GATORS WOMENS VOLLEYBALL' is partially visible, showing its details: Date: 2019-11-30T16:00:00-0500, Place: Stephen OConnell Center, Discount: 0.0%, and Address: Gainesville, FL, 32603. At the bottom, the start of a third event 'TCU HORNED FROGS WOMEN'S VOLLEYBALL' is visible. The browser's taskbar at the bottom shows various open applications like Google Chrome, Sticky Notes, and a terminal window.

9. Auto Complete Search



10. Ticket Sold out

sportshub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi Arpit! Welcome. Sign out

Search product i.e.

USER CONTROL

View Order

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago
New York
Boston
Pittsburgh
Los Angeles

SOCCER

MONTERREY FLASH AT MESQUITE OUTLAWS

Date: 2019-12-04T19:35:00-0600 | Place: Mesquite Arena | Discount: 0.0%
Address: Mesquite, TX, 75149

Add to Cart

HARRISBURG HEAT AT ROCHESTER LANCERS

Date: 2019-11-30T19:00:00-0500 | Place: Roc Dome Arena | Discount: 0.0%
Address: Henrietta, NY, 14467

Sold out. Add to Cart

MILWAUKEE WAVE AT ST. LOUIS AMBUSH

Date: 2019-11-29T19:05:00-0600 | Place: Family Arena | Discount: 0.0%

Sold out.

11. Cart

SportsHub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi There! Welcome. Sign in

Search product i.e.

FILTER BY CITIES

Chicago
New York
Boston
Pittsburgh
Los Angeles

Cart Details

Place Order

#	Product	Quantity	Price	Buy Warranty	Remove
1.	Texas AM Aggies at Florida Gators Womens VolleyballTemp	1	\$16	<input type="checkbox"/>	Remove

12. Payment Page

The screenshot shows a web browser window with the URL `192.168.0.10:8080/sportshub/PlaceOrderServlet`. The page has a header with the "sportshub" logo, navigation links (Home, Baseball, Basketball, Football, Hockey, Soccer, Volleyball), and a user greeting "Hi Arpit! Welcome." with a "Sign out" button. A search bar is present with the placeholder text "Search product i.e.". On the left, there are three sections: "USER CONTROL" with a "View Order" button, "TRENDING" with a "Trending" button, and "FILTER ALL EVENTS BY CITIES" with a list of cities: Chicago, New York, Boston, Pittsburgh, and Los Angeles. The main content area is titled "Place Your Order" and contains a form with the following fields: "Full Name", "Address", "zip code", "Mobile Number", and "Credit Card(xxxx-xxxx-xxxx-xxxx)". A blue "Place Order" button is at the bottom of the form.

USER CONTROL

View Order

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago
New York
Boston
Pittsburgh
Los Angeles

Place Your Order

Full Name

Address

zip code

Mobile Number

Credit Card(xxxx-xxxx-xxxx-xxxx)

Place Order

13. Order Placed

The screenshot shows the same web browser window as in the previous image, but the URL is now `192.168.0.10:8080/sportshub/PlaceOrderServlet?place=success`. The page layout is identical, but the main content area now displays the message "Order with orderID: 3 Placed" instead of the "Place Your Order" form.

USER CONTROL

View Order

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago
New York
Boston
Pittsburgh
Los Angeles

Order with orderID: 3 Placed

14. View Order

sportshub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi Arpit! Welcome. Sign out

Search product i.e.

USER CONTROL

View Order

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago
New York
Boston
Pittsburgh
Los Angeles

View Order

Order ID

View Order

15. Write Review

sportshub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi Arpit! Welcome. Sign out

Search product i.e.

FILTER ALL EVENTS BY CITIES

New York
Boston
Pittsburgh
Los Angeles

Write Review About Event

Retailer Name:

Zip: City: State:

Reviewer Name:

Your Age: Gender: Occupation:

Comments:

write your review for the product...

Ratings: 5

Submit

16. View Review

sportshub

Not secure | 192.168.0.10:8080/sportshub/ViewProductServlet?eventId=104179475

Apps Gmail MyIIT Blackboard careercup/CtCI-6th... Intro - Code Arcade... MIT 6.S191: Intro... Computer Vision In... Android Developm... EWA solHW04.pdf Top 30 Programmin...

write your review for the product...

Ratings: 5

Submit

Reviews

Retailer:Parth City:CHICAGO State:IL Zip:60616

★★★★★
very good experience
Rajnik (Male) Age: 23 Student by occupation--Sun Nov 24 21:26:13 CST 2019

★★★★★
yayy!!
Arpit Patel (Male) Age: 23 Student by occupation--Sun Nov 24 21:26:33 CST 2019

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17. Trending By Most Liked and Top Zip code

sportshub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi Parth! Welcome Sign out

Search product i.e.

USER CONTROL

- Add Product
- Update/Delete Product
- Inventory Report
- Sales Report

TRENDING

- Trending

FILTER ALL EVENTS BY CITIES

- Chicago
- New York
- Boston
- Pittsburgh
- Los Angeles

Top Zip Code

Zip Code	No of Ticket Sold.
60616	18
60606	6
60615	4
60666	3
60612	1

Most Liked

Event Name	Rating
Navy Midshipmen at Brown Bears Basketball	5.0
Monterrey Flash at Mesquite Outlaws	5.0
2020 Chicago Cubs Convention Friday Only	5.0
Texas AM Aggies at Florida Gators Womens Volleyball	5.0
Vanderbilt Commodores at Tennessee Volunteers Football	5.0

18. Trending By Most Sold

New York

Boston

Pittsburgh

Los Angeles

Event Name	Rating
Navy Midshipmen at Brown Bears Basketball	5.0
Monterrey Flash at Mesquite Outlaws	5.0
2020 Chicago Cubs Convention Friday Only	5.0
Texas AM Aggies at Florida Gators Womens Volleyball	5.0
Vanderbilt Commodores at Tennessee Volunteers Football	5.0

Most Sold

Product Name	No. of Items Sold
Middle Tennessee Blue Raiders at Western Kentucky Hilltoppers Football	6
Iowa State Cyclones at Kansas State Wildcats Football	5
Toledo Walleye at Reading Royals	5
Southern Miss Golden Eagles at Florida Atlantic University Owls Football	4
Boston College Eagles at Pittsburgh Panthers Football	4

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19. Inventory of Events

sportshub

Home Baseball Basketball Football Hockey Soccer Volleyball

Hi Parth!
Welcome.

Sign out

Search product i.e.

USER CONTROL

Add Product

Update/Delete Product

Inventory Report

Sales Report

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago

New York

Inventory

Show 10 entries

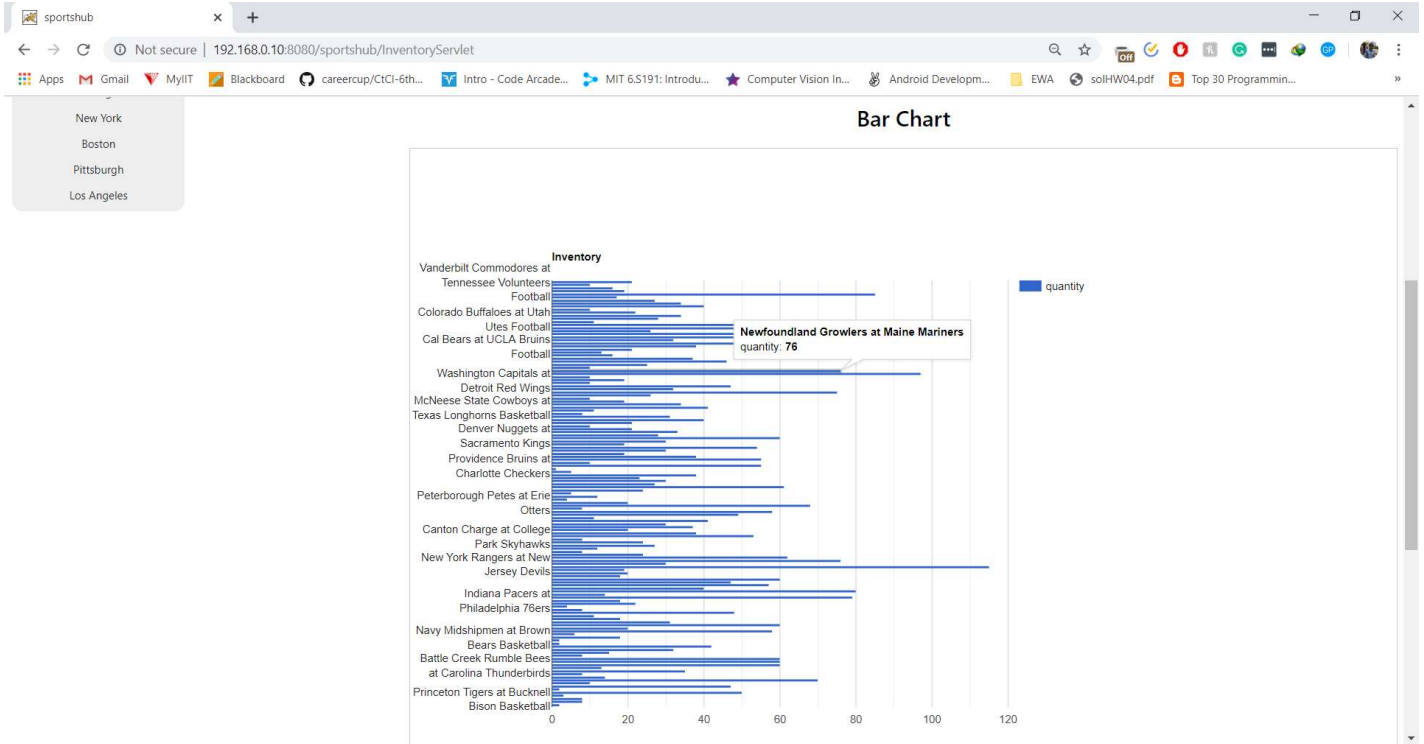
Search:

Event ID	Event Name	Quantity	Discount
103838476	Vanderbilt Commodores at Tennessee Volunteers Football	21	6.0
103839256	PARKING PASSES ONLY Alabama Crimson Tide at Auburn Tigers Football	16	3.0
103839378	PARKING PASSES ONLY Louisville Cardinals at Kentucky Wildcats Football	10	4.0
103839388	Texas A&M Aggies at LSU Tigers Football	58	0.0
103839438	PARKING PASSES ONLY Clemson Tigers at South Carolina Gamecocks Football	19	1.0

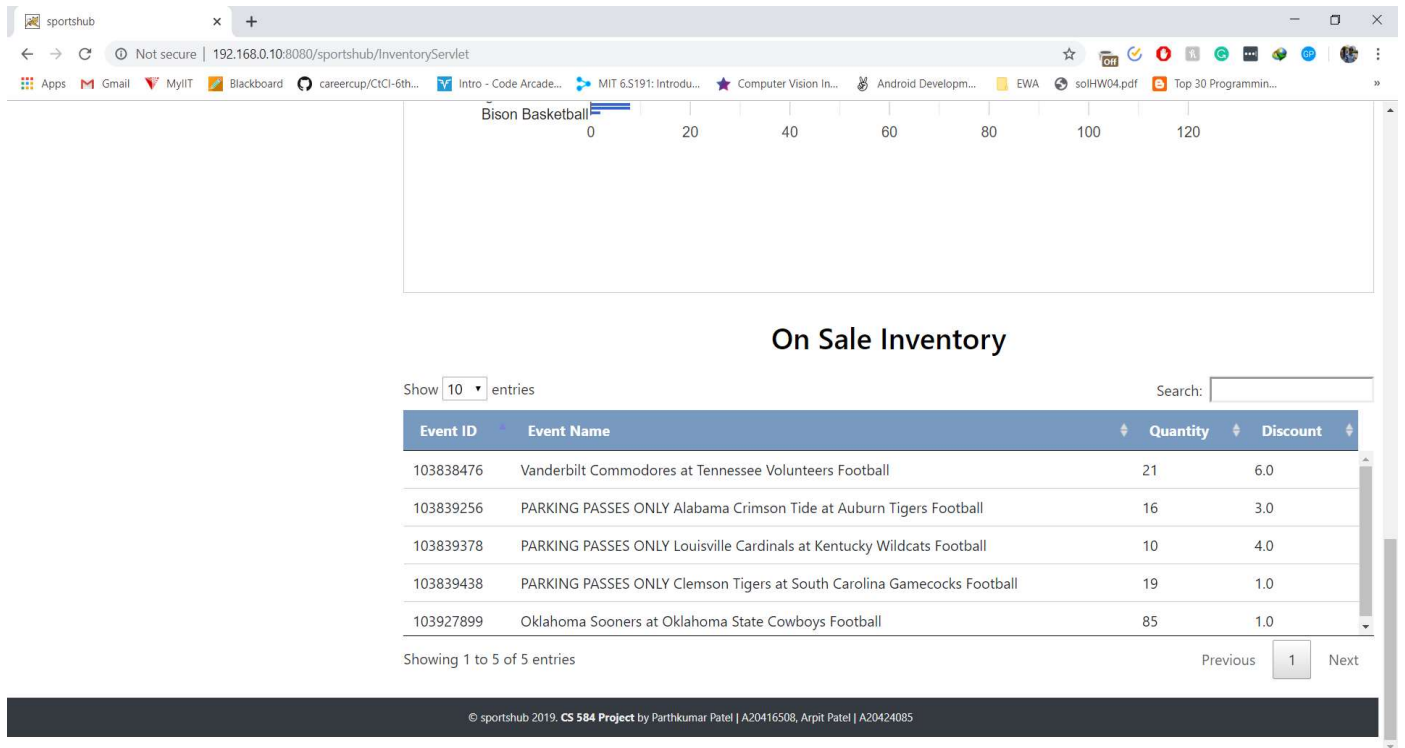
Showing 1 to 10 of 139 entries

Previous12345...14Next

20. Bar Chart of Inventory



21. Inventory of Events that is on sale



22. Sales Report

sportshub

HomeBaseballBasketballFootballHockeySoccerVolleyball

Hi Parth! Welcome.

Sign out

Search product i.e.

USER CONTROL

Add Product

Update/Delete Product

Inventory Report

Sales Report

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago

Sales

Show 10 entries

Search:

Event ID	Event Name	Total Ticket Sold
103929833	Iowa State Cyclones at Kansas State Wildcats Football	5
103947467	Maryland Terrapins at Michigan State Spartans Football	1
104012213	UAB Blazers at North Texas Mean Green Football	2
104015814	Southern Miss Golden Eagles at Florida Atlantic University Owls Football	4
104015838	Middle Tennessee Blue Raiders at Western Kentucky Hilltoppers Football	6

Showing 1 to 10 of 10 entries

Previous1Next

23. Add Product by Manager

sportshub

Not secure | 192.168.0.10:8080/sportshub/AddProduct

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USER CONTROL

Add Product

Update/Delete Product

Inventory Report

Sales Report

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago

New York

Boston

Pittsburgh

Los Angeles

Add Product

eventid

eventname

Image:

Choose FileNo file chosen

Sports Category

eventdate

eventplace

eventcity

eventstate

eventzipcode

Discount

Add Product

24. Update/Delete Product by Manager

USER CONTROL

Add Product

Update/Delete Product

Inventory Report

Sales Report

TRENDING

Trending

FILTER ALL EVENTS BY CITIES

Chicago

New York

Boston

Pittsburgh

Los Angeles

View Product

View

Update Product

Image:

No file chosen

Update Product

Delete Product

25. CustomerOrders table

[illegible]

26. EventCatalog Table

customerorder eventcatalog

Limit to 1000 rows

1 • SELECT * FROM sportshub.eventcatalog;

eventid	eventname	image	sportscategory	eventdate	eventplace	eventcity	eventstate	eventzipcode	disc
103838476	Vanderbilt Commodores at Tennessee Volunteers Football	imagesNew/3.jpg	Football	2019-11-30T16:00:00-0500	Neyland Stadium	Knoxville	TN	37996	6
103838477	Vanderbilt Commodores at Tennessee Volunteers Football	imagesNew/3.jpg	Football	2019-12-01T16:00:00-0500	Neyland Stadium	Knoxville	TN	37996	0
103839238	Missouri Tigers at Arkansas Razorbacks Football	imagesNew/3.jpg	Football	2019-11-29T13:30:00-0600	War Memorial Stadium (Little Rock)	Little Rock	AR	72205	2
103839256	PARKING PASSES ONLY Alabama Crimson Tide at Auburn Tigers Football	imagesNew/3.jpg	Football	2019-11-30T14:31:00-0600	Jordan-Hare Stadium Parking Lots	Auburn	AL	36832	3
103839378	PARKING PASSES ONLY Kentucky Wildcats Football	imagesNew/3.jpg	Football	2019-11-30T12:01:00-0500	Kroger Field Parking Lots	Lexington	KY	40502	4
103839388	Texas A&M Aggies at LSU Tigers Football	imagesNew/3.jpg	Football	2019-11-30T18:00:00-0600	Tiger Stadium Baton Rouge	Baton Rouge	LA	70893	0
103839417	Ole Miss Rebels at Mississippi State Bulldogs Football	imagesNew/3.jpg	Football	2019-11-28T18:31:00-0600	Davis Wade Stadium	Starkville	MS	39759	5
103839418	PARKING PASSES ONLY Ole Miss Rebels at Mississippi State Bulldogs Football	imagesNew/3.jpg	Football	2019-11-28T18:31:00-0600	Davis Wade Stadium Parking Lots	Starkville	MS	39759	2
103839438	PARKING PASSES ONLY Clemson Tigers at South Carolina Gamecocks Football	imagesNew/3.jpg	Football	2019-11-30T12:01:00-0500	Williams Brice Stadium Parking Lots	Columbia	SC	29201	1
103839447	PARKING PASSES ONLY Vanderbilt Commodores at Tennessee Volunteers Football	imagesNew/3.jpg	Football	2019-11-30T16:01:00-0500	Neyland Stadium Parking Lots	Knoxville	TN	37996	0
103839828	Alabama Crimson Tide at Auburn Tigers Football	imagesNew/3.jpg	Football	2019-11-30T14:30:00-0600	Jordan-Hare Stadium	Auburn	AL	36832	0
103839859	Louisville Cardinals at Kentucky Wildcats Football	imagesNew/3.jpg	Football	2019-11-30T12:00:00-0500	Kroger Field	Lexington	KY	40502	0
103839883	Clemson Tigers at South Carolina Gamecocks Football	imagesNew/3.jpg	Football	2019-11-30T12:00:00-0500	Williams Brice Stadium	Columbia	SC	29201	0
103927899	Oklahoma Sooners at Oklahoma State Cowboys Football	imagesNew/3.jpg	Football	2019-11-30T13:00:00-0600	Boone Pickens Stadium at Lewis F...	Stillwater	OK	74078	1
103927925	PARKING PASSES ONLY Iowa State Cyclones at Kansas State Wildcats Football	imagesNew/3.jpg	Football	2019-11-30T13:01:00-0600	Bill Snyder Family Stadium Parking...	Manhattan	KS	66502	0
103927935	West Virginia Mountaineers at TCU Horned Frogs Football	imagesNew/3.jpg	Football	2019-11-29T14:30:00-0600	Amon G Carter Stadium	Fort Worth	TX	76129	0
103927936	PARKING PASSES ONLY West Virginia Mountaineers at TCU Horned Frogs Football	imagesNew/3.jpg	Football	2019-11-29T14:31:00-0600	Amon G Carter Stadium Parking Lots	Fort Worth	TX	76129	0
103928903	PARKING PASSES ONLY Baylor Bears at Kansas Jayhawks Football	imagesNew/3.jpg	Football	2019-11-30T13:01:00-0600	Memorial Stadium Kansas Parking ...	Lawrence	KS	66044	0
103928931	Texas Tech Red Raiders at Texas Longhorns Football	imagesNew/3.jpg	Football	2019-11-29T11:00:00-0600	Darrell K Royal - Texas Memorial S...	Austin	TX	78712	0
103929809	Baylor Bears at Kansas Jayhawks Football	imagesNew/3.jpg	Football	2019-11-30T13:00:00-0600	Memorial Stadium Kansas	Lawrence	KS	66044	0
103929833	Iowa State Cyclones at Kansas State Wildcats Football	imagesNew/3.jpg	Football	2019-11-30T13:00:00-0600	Bill Snyder Family Stadium	Manhattan	KS	66502	0
103947462	Ohio State Buckeyes at Michigan Wolverines Football	imagesNew/3.jpg	Football	2019-11-30T12:00:00-0500	Michigan Stadium	Ann Arbor	MI	48104	0
103947467	Maryland Terrapins at Michigan State Spartans Football	imagesNew/3.jpg	Football	2019-11-30T15:30:00-0500	Spartan Stadium (Michigan)	East Lansing	MI	48824	0
103947481	Rutgers Scarlet Knights at Penn State Nittany Lions Football	imagesNew/3.jpg	Football	2019-11-30T15:30:00-0500	Beaver Stadium	University P...	PA	16802	0
103947493	Northwestern Wildcats at Illinois Fighting Illini Football	imagesNew/3.jpg	Football	2019-11-30T11:00:00-0600	Memorial Stadium Illinois	Champaign	IL	61820	0
103947494	PARKING PASSES ONLY Northwestern Wildcats at Illinois Fighting Illini Football	imagesNew/3.jpg	Football	2019-11-29T10:59:00-0600	Memorial Stadium Illinois Parking L...	Champaign	IL	61820	0
103949609	PARKING PASSES ONLY Ohio State Buckeyes at Michigan Wolverines Football	imagesNew/3.jpg	Football	2019-11-30T12:01:00-0500	Michigan Stadium Parking Lots	Ann Arbor	MI	48104	0
103949618	PARKING PASSES ONLY Maryland Terrapins at Michigan State Spartans Football	imagesNew/3.jpg	Football	2019-11-30T15:31:00-0500	Spartan Stadium Michigan State P...	East Lansing	MI	48824	0
103949634	PARKING PASSES ONLY Rutgers Scarlet Knights at Penn State Nittany Lions Football	imagesNew/3.jpg	Football	2019-11-30T15:31:00-0500	Beaver Stadium Parking Lots	University P...	PA	16802	0

27. EventInventory table

customerorder eventcatalog eventinventory

Limit to 1000 rows

1 • SELECT * FROM sportshub.eventinventory;

eventid	eventname	listingid	quantity	sectionname	price
103839447	PARKING PASSES ONLY Vanderbilt Commodores...	1411169107	1	Lot 14	77.25
104016358	Boston College Eagles at Pittsburgh Panthers F...	1414475434	3	Upper Level End Zone 518	9.00
104016358	Boston College Eagles at Pittsburgh Panthers F...	1414475455	3	Upper Level Sideline 517	8.00
103929833	Iowa State Cyclones at Kansas State Wildcats F...	1415188123	2	Upper Sideline 426	7.95
103928871	PARKING PASSES ONLY Oklahoma Sooners at O...	1425951564	1	Golden Spur	89.00
104012213	UAB Blazers at North Texas Mean Green Football	1431763320	2	General Admission	10.00
103949618	PARKING PASSES ONLY Maryland Terrapins at ...	1435125267	1	Purple Lot 63/126	7.22
104044364	PARKING PASSES ONLY Tulsa Golden Hurricane ...	1439160769	1	Carol Belk Lot	24.00
104016363	Wake Forest Demon Deacons at Syracuse Oran...	1451824790	3	Lower End Zone 110	6.00
103961838	Colorado Buffaloes at Utah Utes Football	1452827787	4	Corner E 32	44.50
103927925	PARKING PASSES ONLY Iowa State Cyclones at...	1452939351	1	West Ahearn Reserved Lot	78.83
103839378	PARKING PASSES ONLY Louisville Cardinals at K...	1453339194	1	Purple Lot	75.00
103839378	PARKING PASSES ONLY Louisville Cardinals at K...	1453339199	1	Purple Lot	75.00
104015814	Southern Miss Golden Eagles at Florida Atlantic ...	1455060968	4	Lower End Zone 135	6.00
104015838	Middle Tennessee Blue Raiders at Western Kent...	1455221024	11	Section 325	21.00
104015838	Middle Tennessee Blue Raiders at Western Kent...	1455221460	12	Section 325	20.00
103947481	Rutgers Scarlet Knights at Penn State Nittany Li...	1455550720	2	Upper Level End Zone NFU	13.90
103961872	Arizona Wildcats at Arizona State Sun Devils Fo...	1462192410	6	Upper Level 316	69.00
103929809	Baylor Bears at Kansas Jayhawks Football	1462517149	7	Coach's Corner 2	8.00
103949634	PARKING PASSES ONLY Rutgers Scarlet Knights...	1462826427	1	General Lot 11	15.61
104166773	Bayou Classic - Grambling v Southern	1467310736	4	Terrace Sideline 640	40.55
104166773	Bayou Classic - Grambling v Southern	1467310747	2	Terrace Sideline 640	38.41
103960794	Cal Bears at UCLA Bruins Football	1467435360	12	Family 28	29.00
104015814	Southern Miss Golden Eagles at Florida Atlantic ...	1469511657	2	Lower Corner 131	6.00
103953577	Churchill Downs - Day At The Races	1469863453	6	Upper Clubhouse 321	8.97
103953577	Churchill Downs - Day At The Races	1469863454	6	Upper Clubhouse 321	8.97
103953577	Churchill Downs - Day At The Races	1469863456	6	Mezzanine Clubhouse 220	21.70
103953577	Churchill Downs - Day At The Races	1469863459	6	Upper Clubhouse 321	8.97
103953577	Churchill Downs - Day At The Races	1469863460	6	Upper Clubhouse 321	8.97
103953577	Churchill Downs - Day At The Races	1469863465	6	Upper Clubhouse 321	8.97

28. Product Recommendation Script Output

```
output.writerow([uid, [iid for (iid, _) in user_ratings]])
```

```
out.close()
```

Rudresh Shah ['Navy Midshipmen at Brown Bears Basketball', 'Vanderbilt Commodores at Tennessee Volunteers Football', 'Texas AM Aggies at Florida Gators Womens Volleyball']

Parth Patel ['Texas AM Aggies at Florida Gators Womens Volleyball', 'Vanderbilt Commodores at Tennessee Volunteers Football', '2020 Chicago Cubs Convention Friday Only']

Arpit Patel ['2020 Chicago Cubs Convention Friday Only', 'Vanderbilt Commodores at Tennessee Volunteers Football']

Marmik Patel ['2020 Chicago Cubs Convention Friday Only', 'Monterrey Flash at Mesquite Outlaws', 'Texas AM Aggies at Florida Gators Womens Volleyball']

Darsh Patel ['Monterrey Flash at Mesquite Outlaws', '2020 Chicago Cubs Convention Friday Only', 'Texas AM Aggies at Florida Gators Womens Volleyball']

Shubham Patel ['Monterrey Flash at Mesquite Outlaws', 'Texas AM Aggies at Florida Gators Womens Volleyball', '2020 Chicago Cubs Convention Friday Only']

Rajnik ['Vanderbilt Commodores at Tennessee Volunteers Football', '2020 Chicago Cubs Convention Friday Only', 'Navy Midshipmen at Brown Bears Basketball']

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