

SPORTS HUB

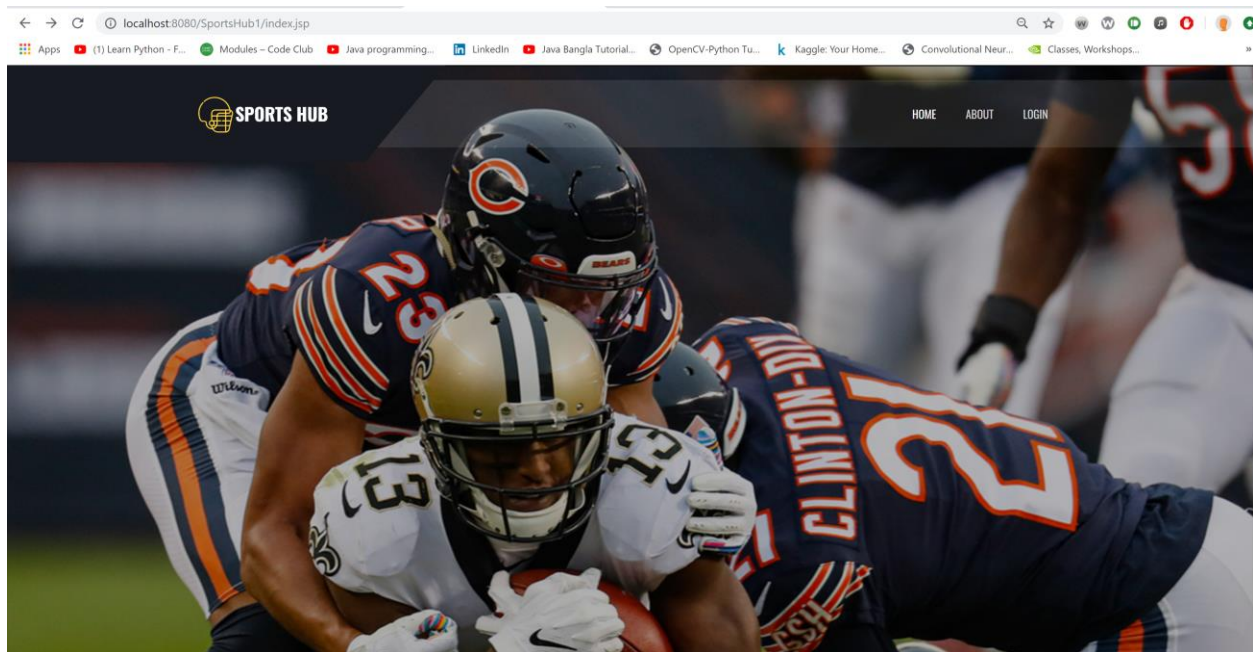
Amitdeb Prasad Bhattacharya

abhattacharya2@hawk.iit.edu

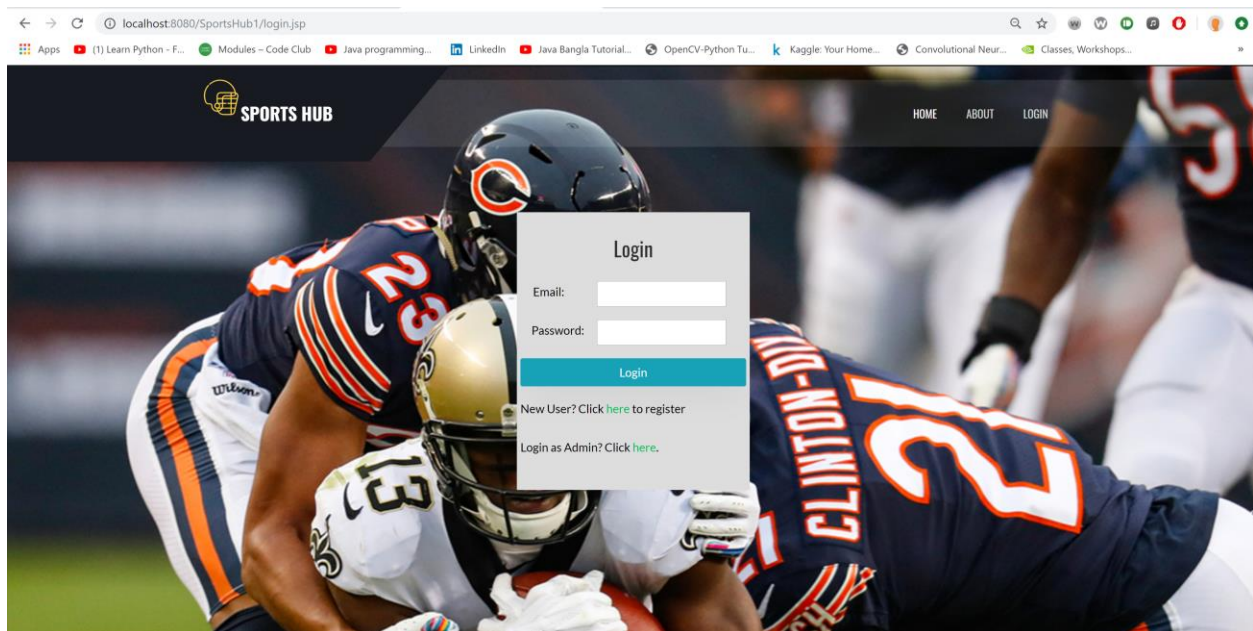
Baltej Singh

bsingh18@hawk.iit.edu

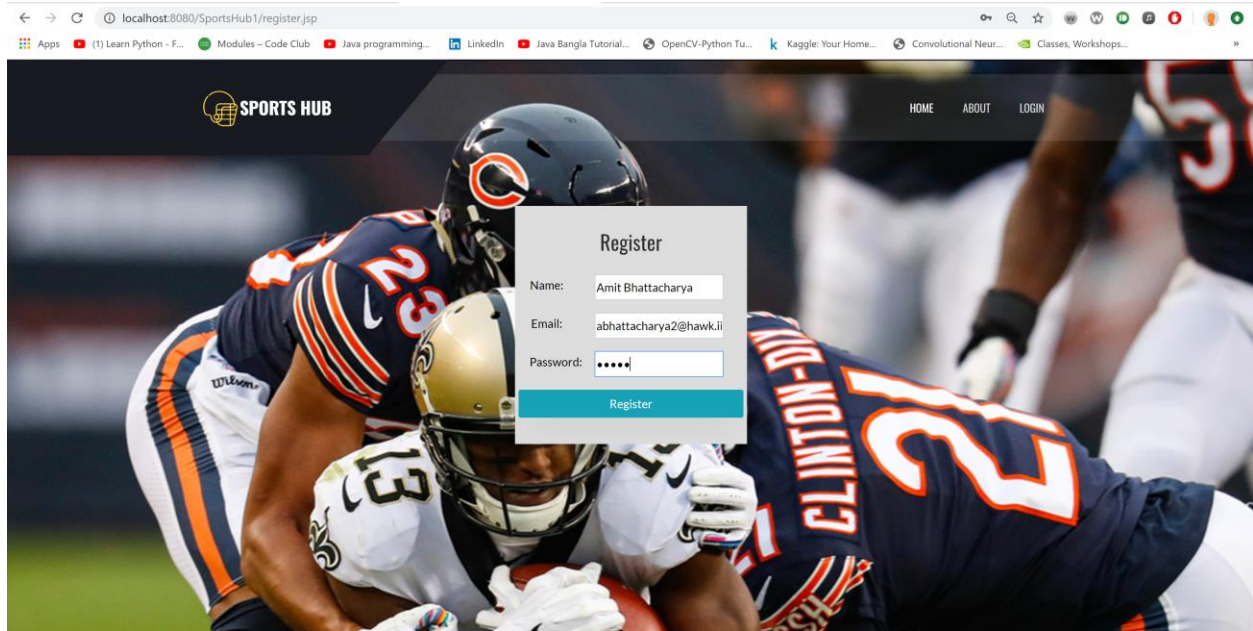
Below is the home page for Sports Hub website



After clicking Login, user gets redirected to login page.



Register as a new user.



Once we register as a new user, the user details are stored into the MySQL database table, as shown below:

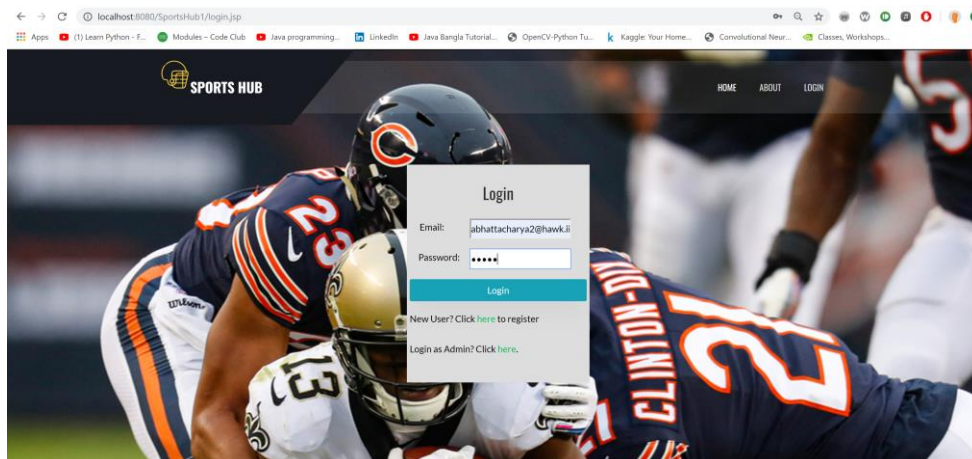
Limit to 1000 rows

```
1 SELECT * FROM sportshub.userdetails;
```

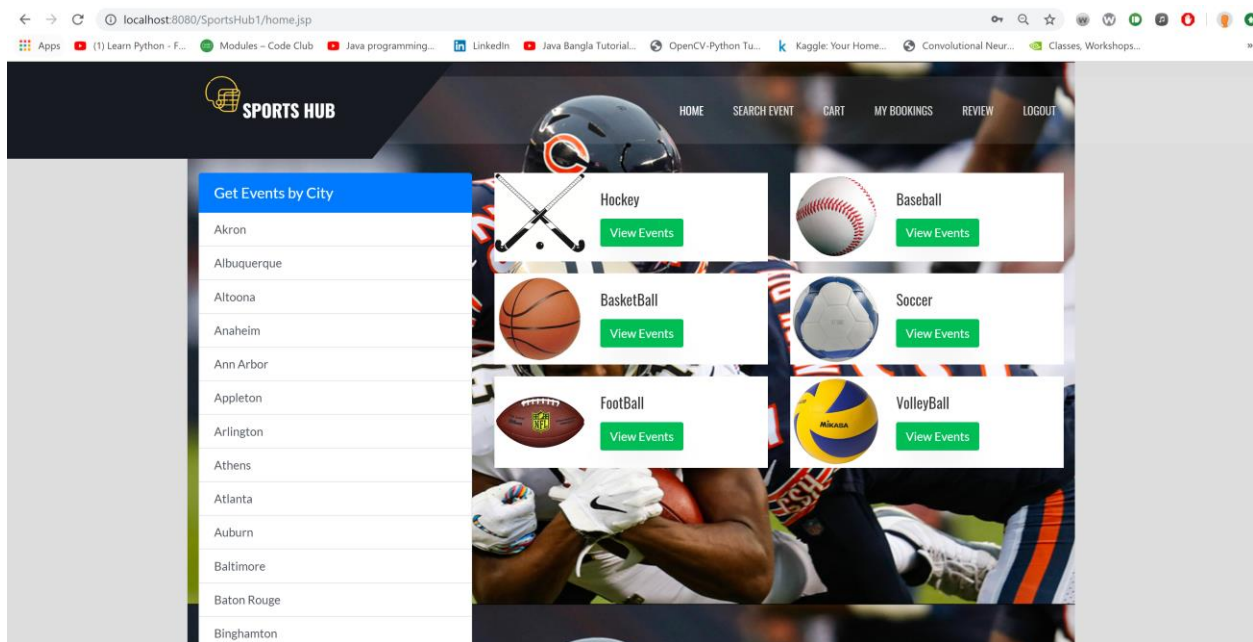
Result Grid Filter Rows: Edit: Export/Import

	id	name	emailAddress	password	type
▶	4	Amitdeb Bhattacharya	amitbhattacharya56@gmail.com	1234	user
	5	bsingh	baltej68@gmail.com	123	user
	6	amit	amit1@gmail.com	amit	user
	7	admin	admin@xyz.com	123	admin
	8	test1	amitbhattacharya56@gmail.com	123	user
	9	Amit Bhattacharya	abhattacharya2@hawk.iit.edu	12345	user

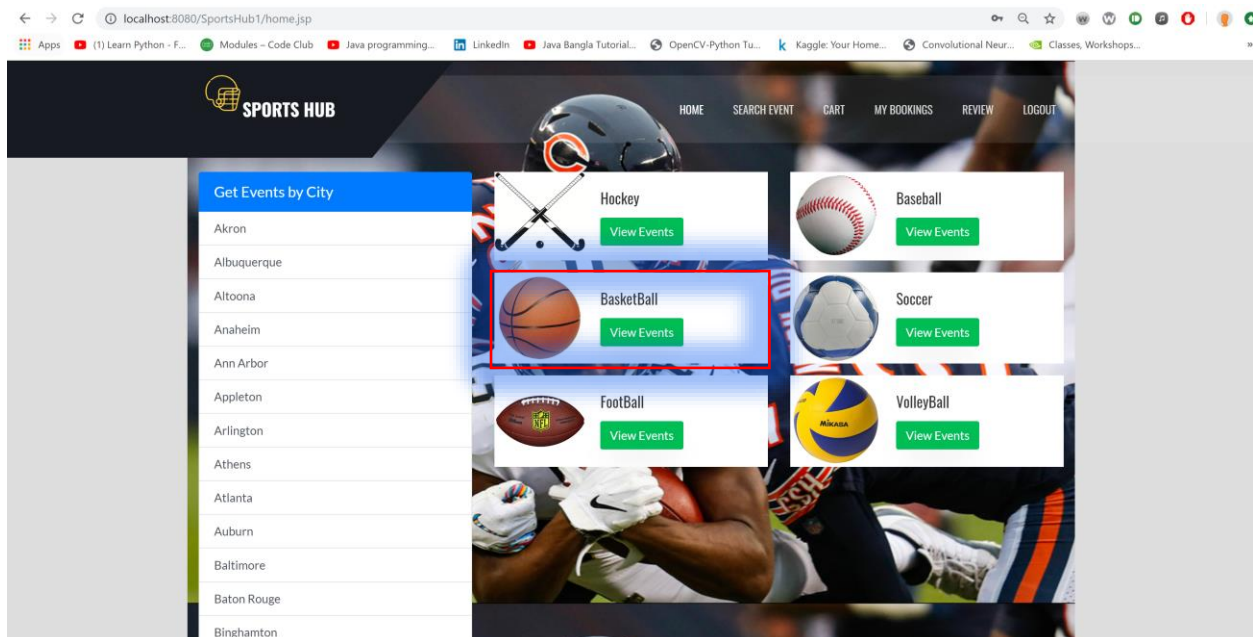
Logging in as abhattacharya2@hawk.iit.edu.



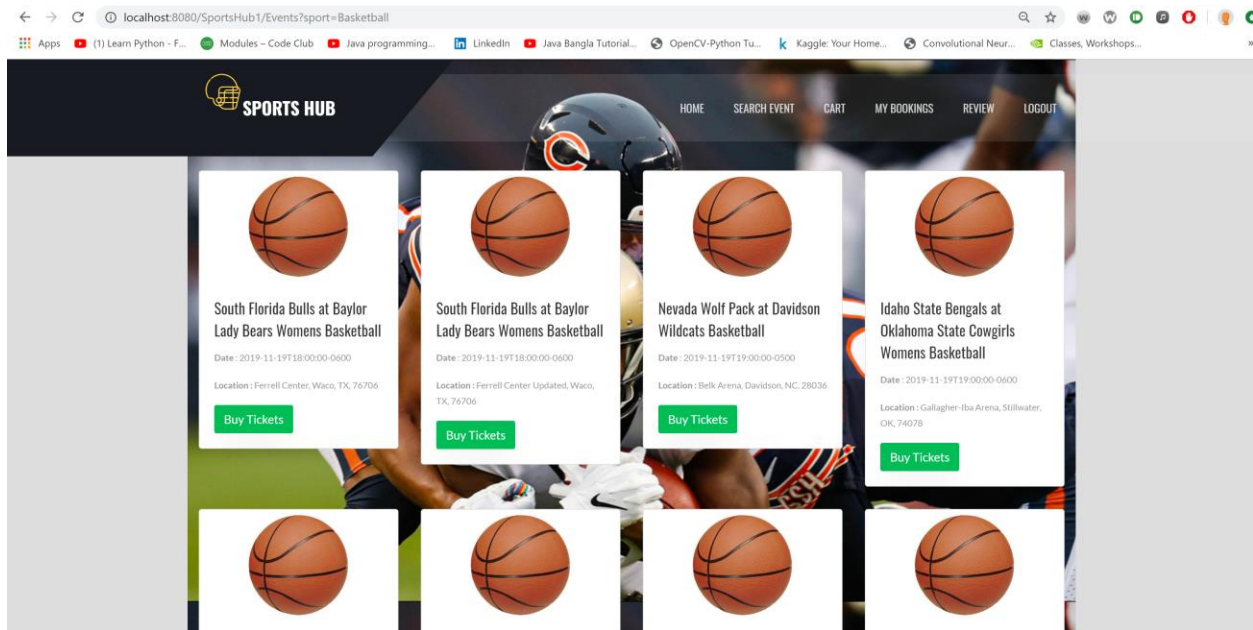
After logging in, the user can see the different categories of sports as well as the events based on cities.



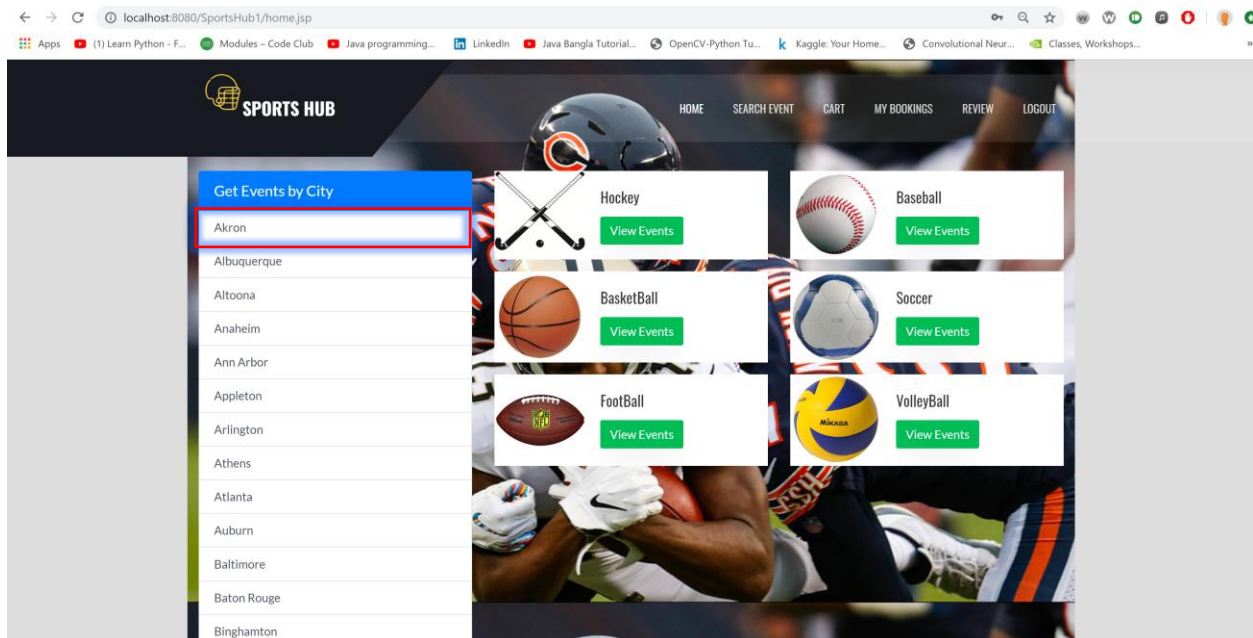
If user wants to see the events for a specific sport like Basketball, he needs to click on the sport name and it will redirect to that sport's events page, where user can see all the events for that sport.

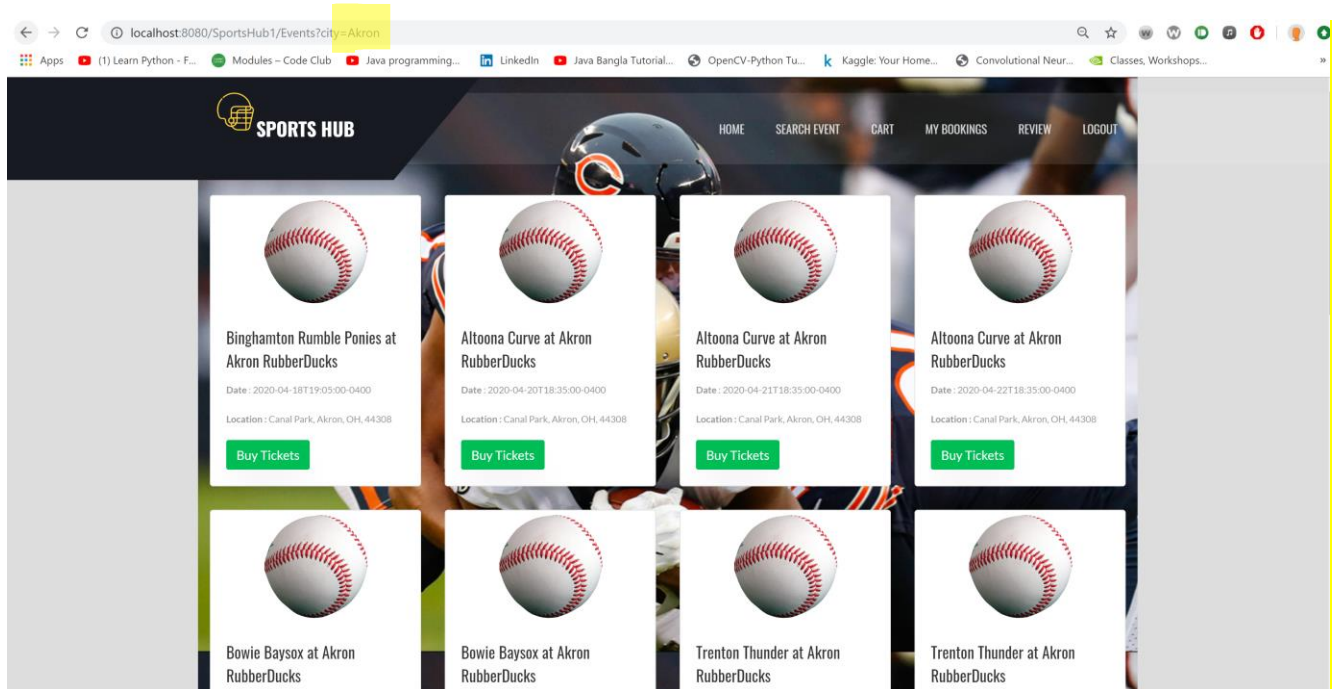


After selecting Basketball, the user gets redirected to the Basketball events page.

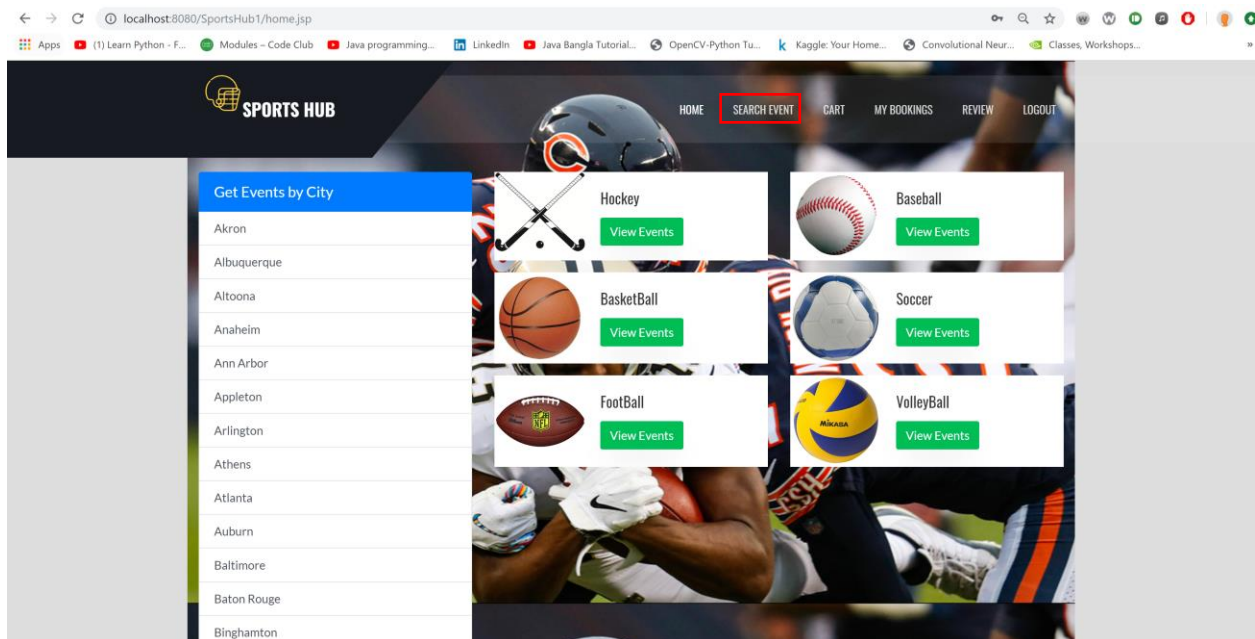


The user can also select any city to see all the events happening for that particular city. Let's just select Akron for example. After selecting Akron, user has been redirected to below webpage.

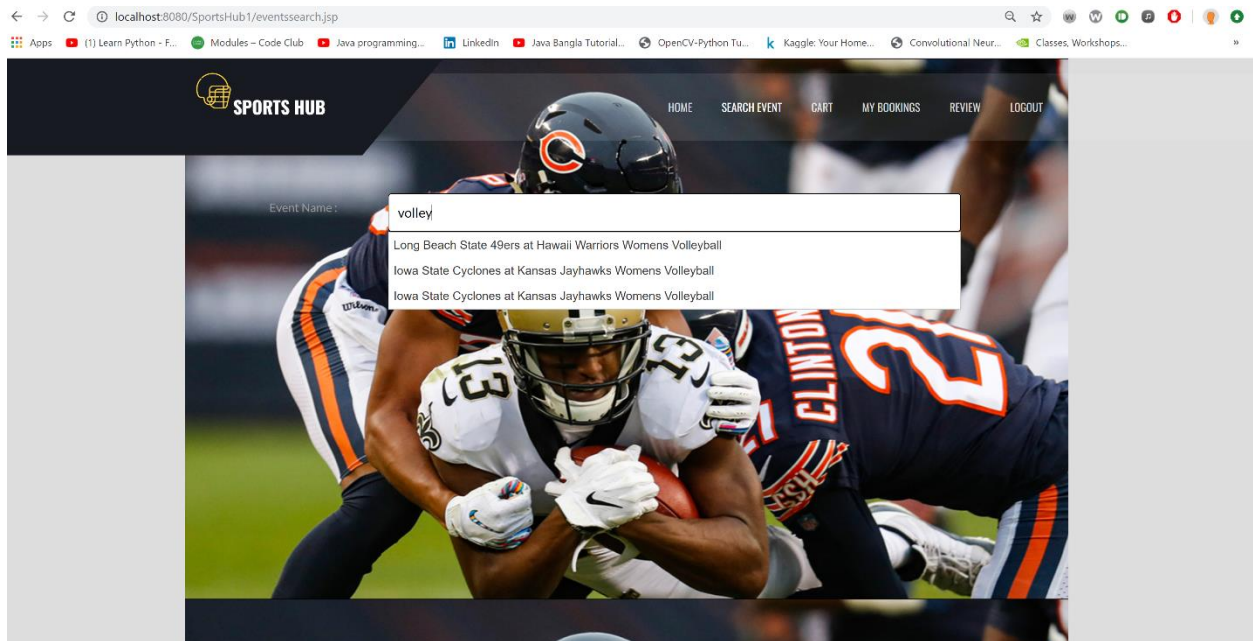




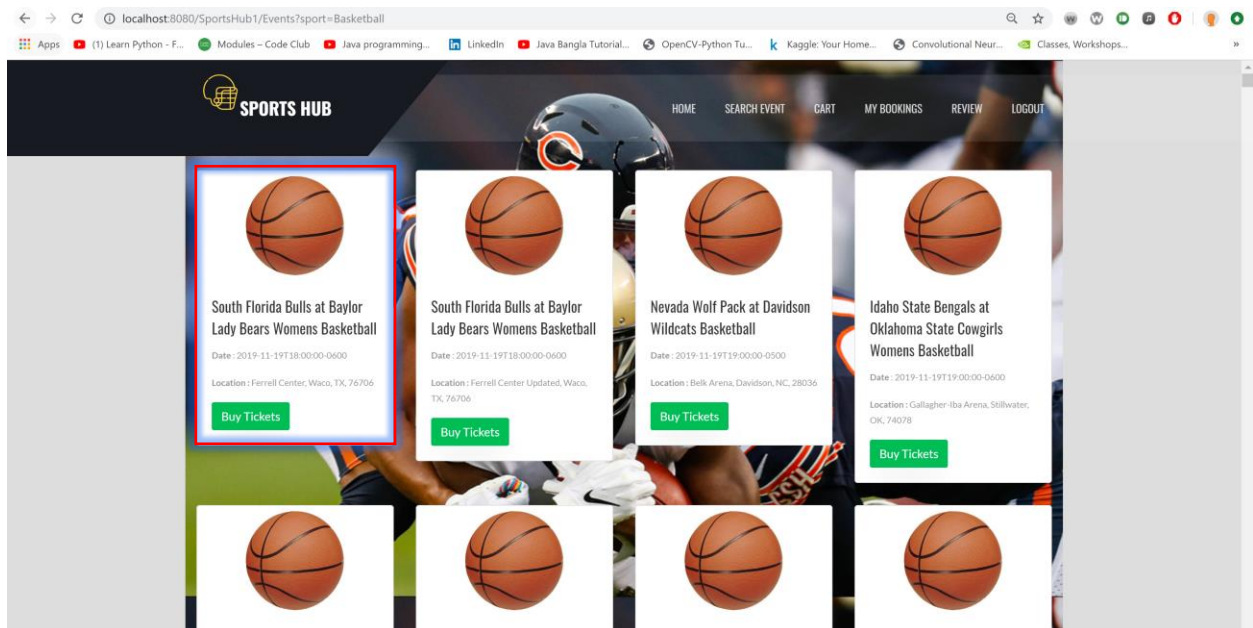
User can use the search event tab to search for events using event names or cities in which they want to check for an upcoming event.



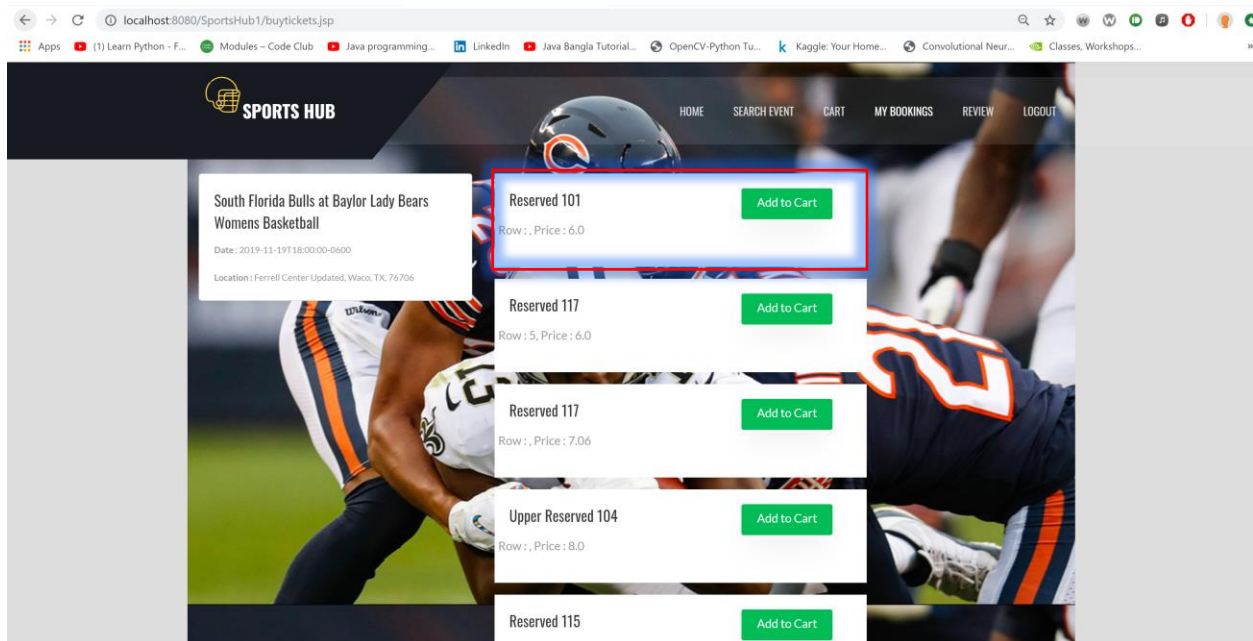
The search uses AJAX to show suggestions based on the keywords entered by the user and uses the events data stored in MySQL database. A search for Volleyball is shown below:



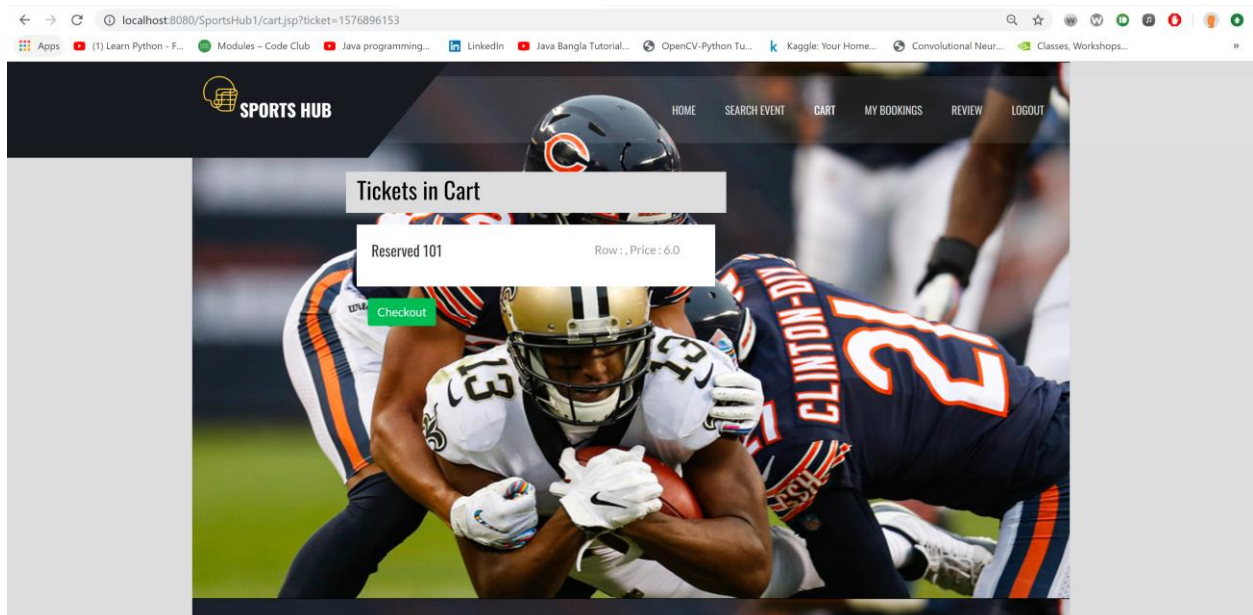
If a user wants to buy tickets for a specific event, he just needs to click on the buy tickets button as shown,



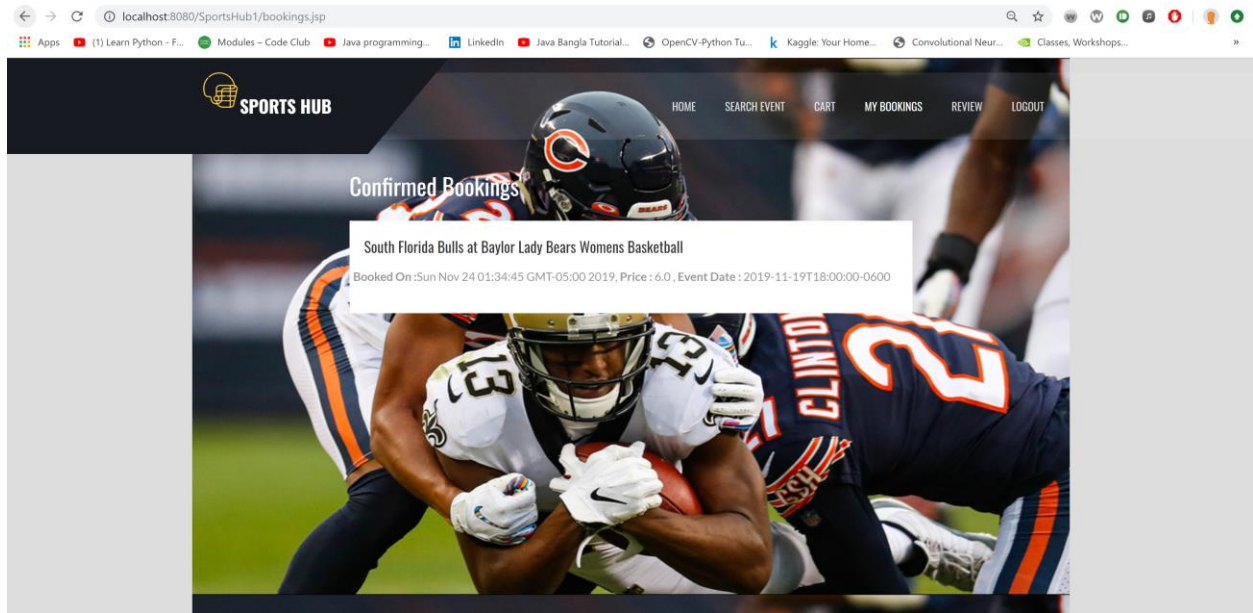
After clicking on Buy Tickets button user will get all the available sections/listings for that specific event, and user can select which seat to buy from the available options. Let's select buy ticket for Reserved 101.



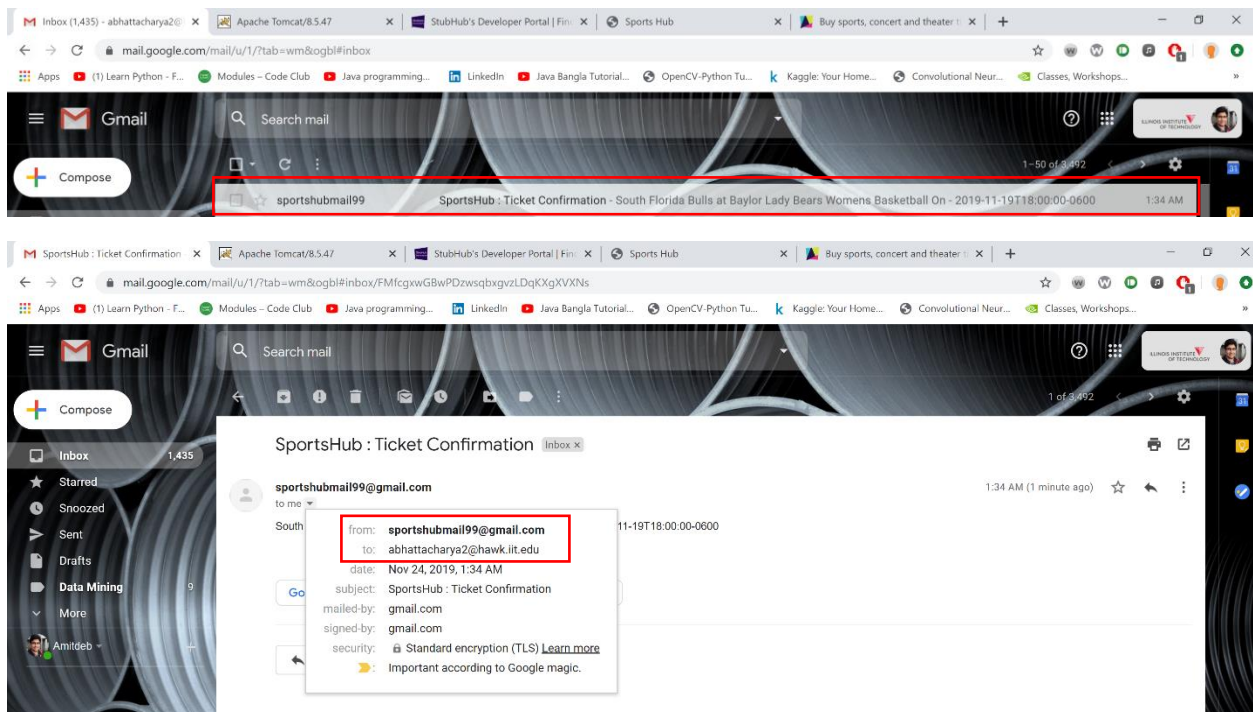
Once the user clicks on Add to Cart button, he is redirected to the checkout page, as seen below

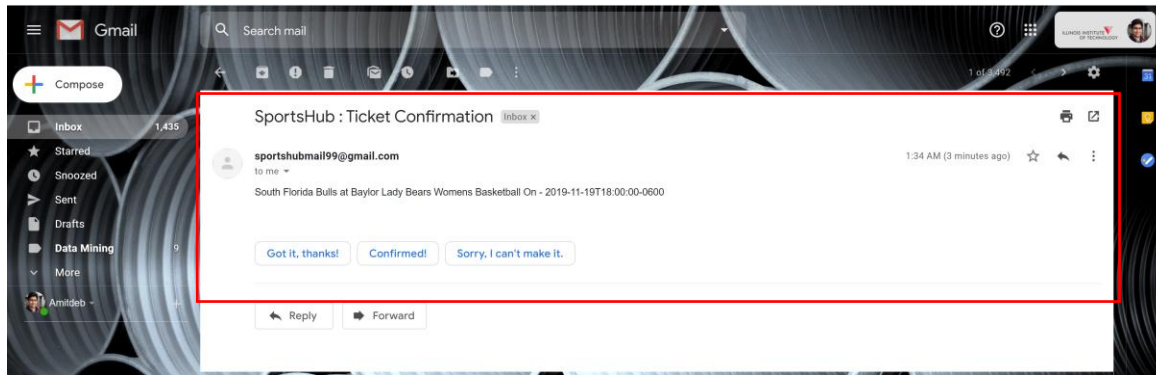


Once clicking on the checkout page, the user is redirected to the bookings page and it displays the confirmed tickets.



After successfully purchasing a ticket, the user has receives a confirmation email from SportsHub, bearing the Event name and the date and time at which the event occurs.





In MySQL database, the transaction for a particular user gets stored in the bookings table, as shown, we have booking by user_id as 9.

MySQL query results showing the booking table and user details table.

Query 1: `SELECT * FROM sportshub.booking where user_id = 9;`

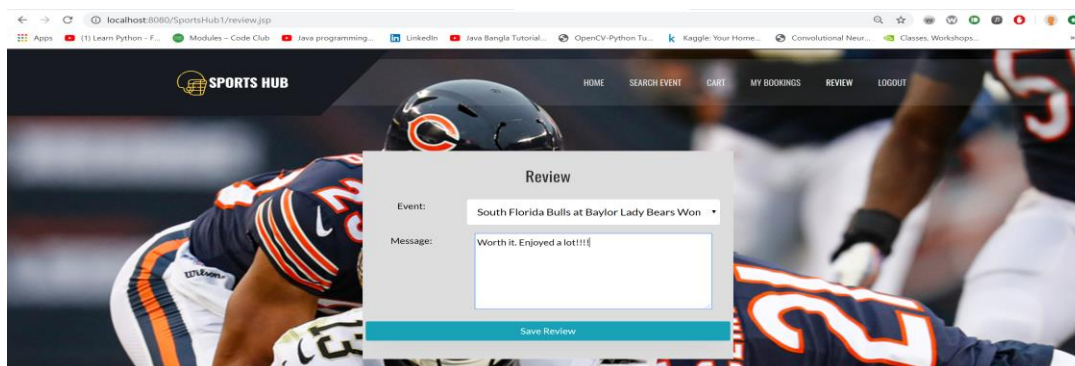
booking_id	listing_id	user_id	event_id	event_name	event_date	seats	bookingDate	bookingPrice
23	1576896153	9	104369353	South Florida Bulls at Baylor Lady Bears Women...	2019-11-19T18:00:00-0600	1	Sun Nov 24 01:34:45 GMT-05:00 2019	6.0

Query 2: `SELECT * FROM sportshub.userdetails where emailAddress = 'abhattacharya2@hawk.iit.edu';`

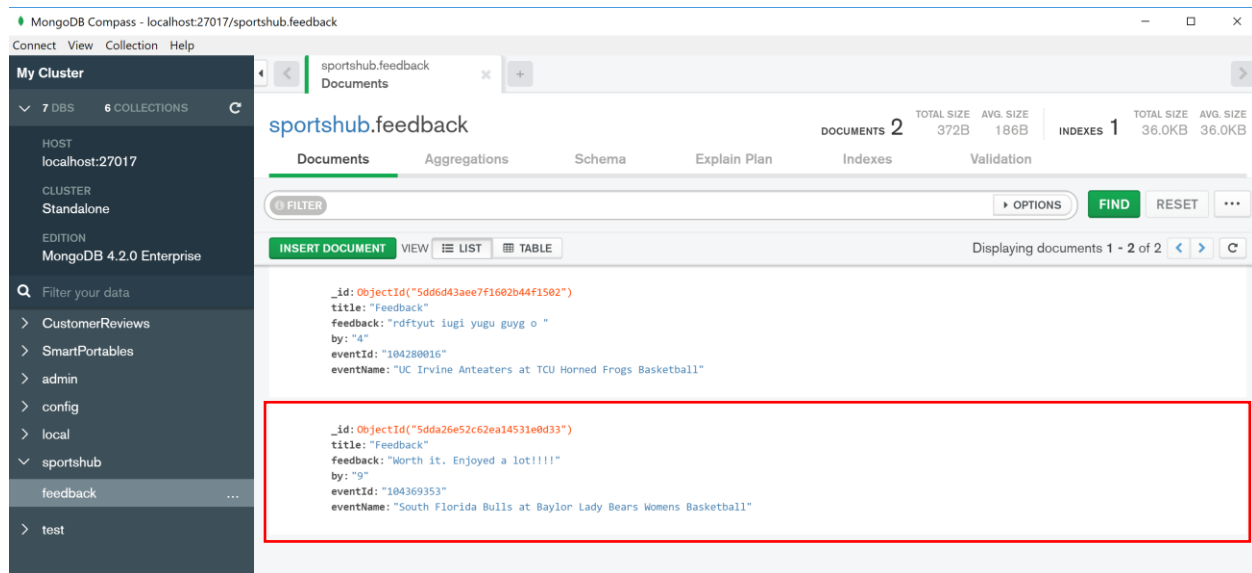
id	name	emailAddress	password	type
9	Amit Bhattacharya	abhattacharya2@hawk.iit.edu	12345	user

A red arrow points from the user_id '9' in the first table to the user_id '9' in the second table.

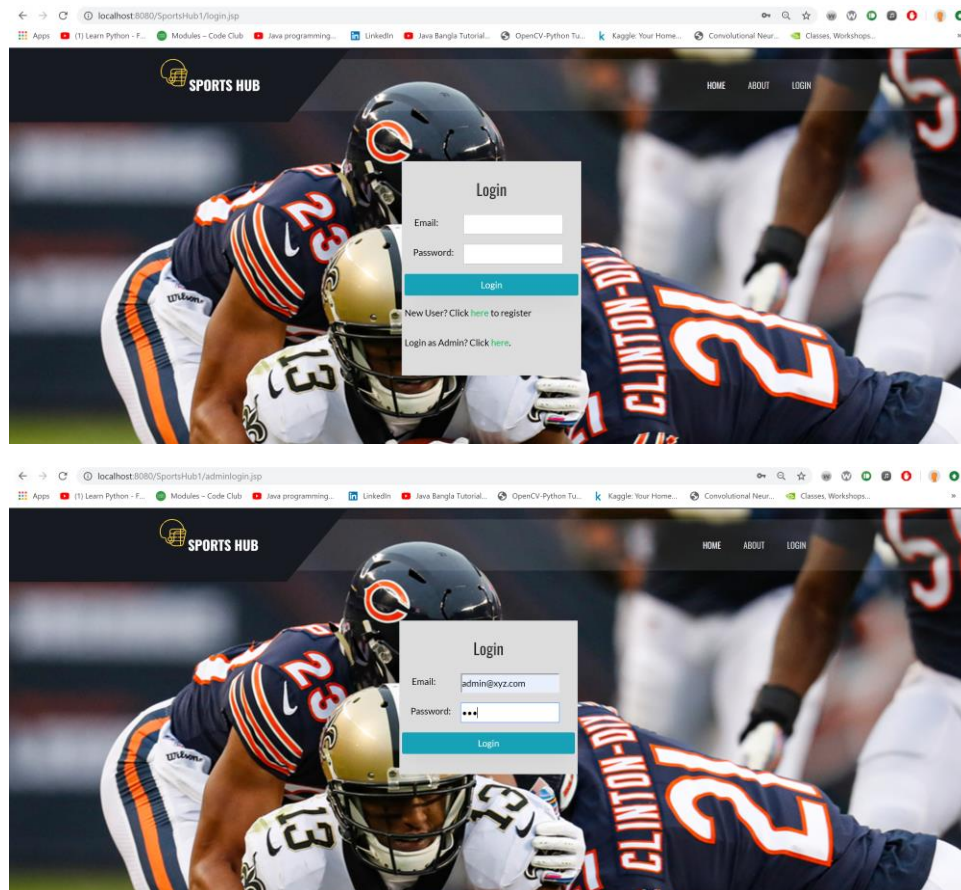
User can also provide reviews for the tickets he purchased, using the Review tab provided in the header menu.



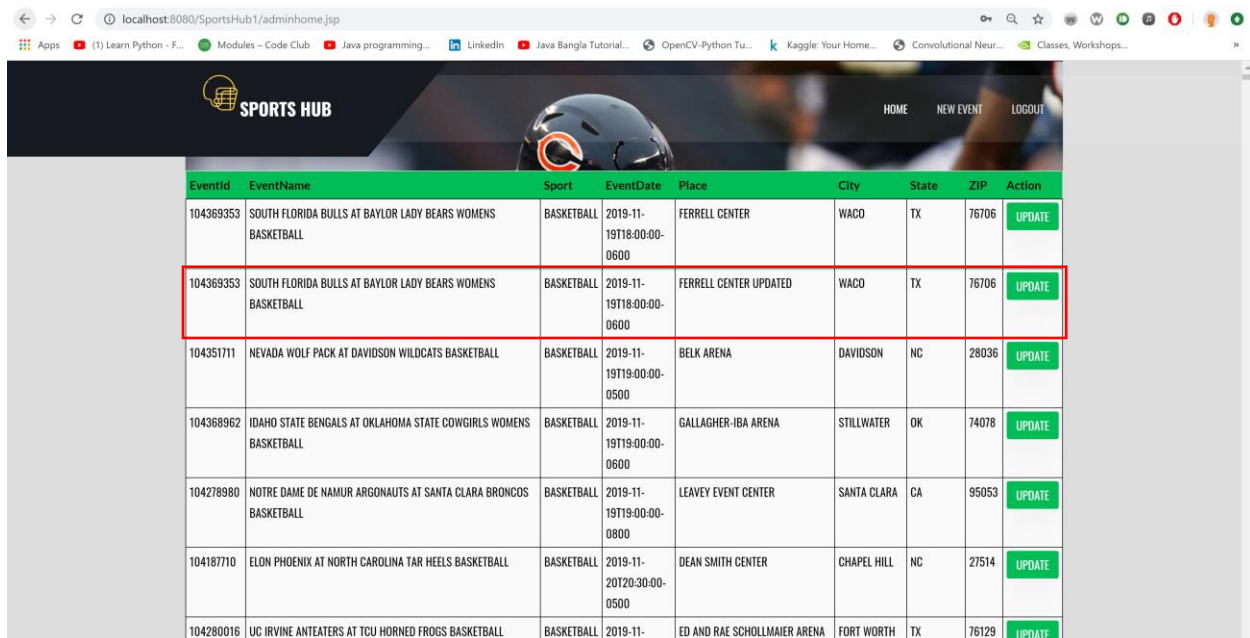
The review from the user gets stored in the MongoDB collection.



Admin can also login and has authority to update event details like changing venue/date/event id etc. Now we are doing admin login to showcase the admin functionality:



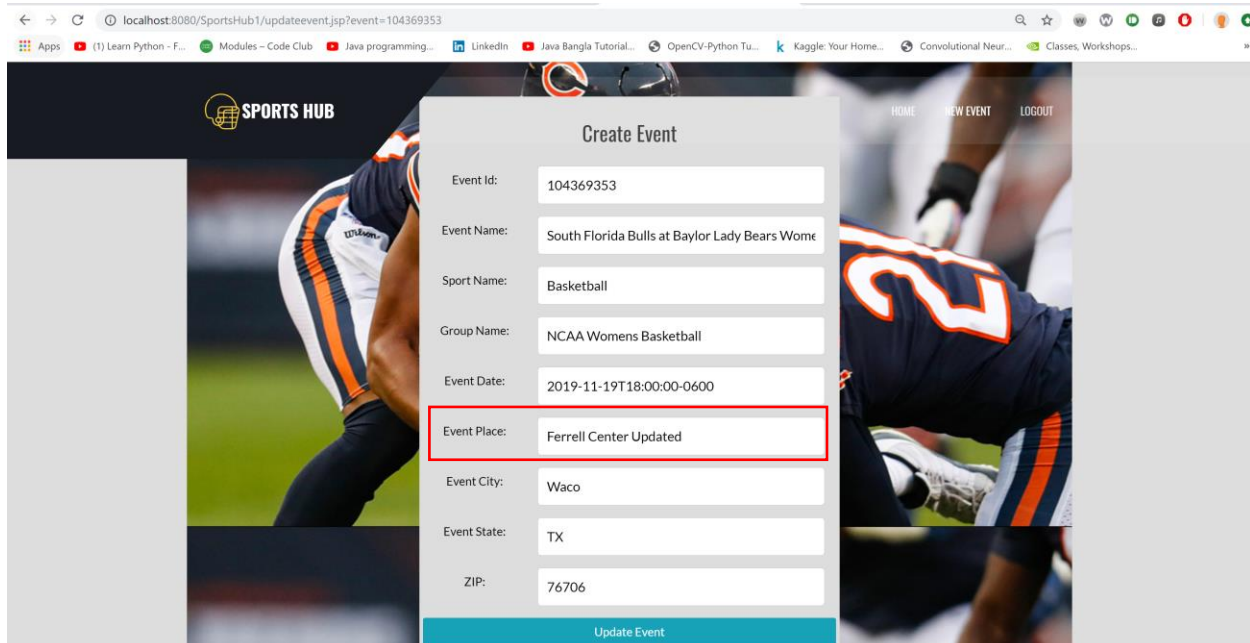
Once we login as an admin, the admin we get the admin dashboard as shown below:



The screenshot shows the Sports Hub admin dashboard. At the top, there is a navigation bar with the Sports Hub logo and links for HOME, NEW EVENT, and LOGOUT. Below the navigation bar is a table listing events. The table has columns for EventId, EventName, Sport, EventDate, Place, City, State, ZIP, and Action. The row for event 104369353 is highlighted with a red border.

EventId	EventName	Sport	EventDate	Place	City	State	ZIP	Action
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER	WACO	TX	76706	UPDATE
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER UPDATED	WACO	TX	76706	UPDATE
104351711	NEVADA WOLF PACK AT DAVIDSON WILDCATS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0500	BELK ARENA	DAVIDSON	NC	28036	UPDATE
104368962	IDAHO STATE BENGALS AT OKLAHOMA STATE COWGIRLS WOMENS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0600	GALLAGHER-IBA ARENA	STILLWATER	OK	74078	UPDATE
104278980	NOTRE DAME DE NAMUR ARGONAUTS AT SANTA CLARA BRONCOS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0800	LEAVEY EVENT CENTER	SANTA CLARA	CA	95053	UPDATE
104187710	ELON PHOENIX AT NORTH CAROLINA TAR HEELS BASKETBALL	BASKETBALL	2019-11-20T20:30:00-0500	DEAN SMITH CENTER	CHAPEL HILL	NC	27514	UPDATE
104280016	UC IRVINE ANTEATERS AT TCU HORNEFROGS BASKETBALL	BASKETBALL	2019-11-	ED AND RAE SCHOLLMAIER ARENA	FORT WORTH	TX	76129	UPDATE

Let's update an event, we need to click the update button corresponding to that event.



The screenshot shows the Sports Hub admin dashboard with the 'Create Event' form open. The form has fields for Event Id, Event Name, Sport Name, Group Name, Event Date, Event Place, Event City, Event State, and ZIP. The 'Event Place' field is highlighted with a red border.

Field	Value
Event Id	104369353
Event Name	South Florida Bulls at Baylor Lady Bears Wome
Sport Name	Basketball
Group Name	NCAA Womens Basketball
Event Date	2019-11-19T18:00:00-0600
Event Place	Ferrell Center Updated
Event City	Waco
Event State	TX
ZIP	76706

Update Event

Once the admin updates the event, we can see the corresponding changes in the MySQL eventscatalog table.

MySQL Query Editor showing a query to update the event place:

```
1 • SELECT * FROM sportshub.eventscatalog
2 where eventId = 104369353
3 and eventPlace = 'FERRELL CENTER UPDATED';
```

Result Grid:

eventId	eventName	sportName	groupName	eventDate	eventPlace	eventCity	eventState	eventZip
104369353	South Florida Bulls at Baylor Lady Bears Women...	Basketball	NCAA Womens Basketball	2019-11-19T18:00:00-0600	Ferrell Center Updated	Waco	TX	76706

MySQL Query Editor showing a query to update the event place:

```
1 • SELECT * FROM sportshub.eventscatalog
2 where eventId = 104369353
3 and eventPlace = 'FERRELL CENTER PHASE 3';
```

Result Grid:

eventId	eventName	sportName	groupName	eventDate	eventPlace	eventCity	eventState	eventZip
104369353	South Florida Bulls at Baylor Lady Bears Women...	Basketball	NCAA Womens Basketball	2019-11-19T18:00:00-0600	Ferrell Center Phase 3	Waco	TX	76706

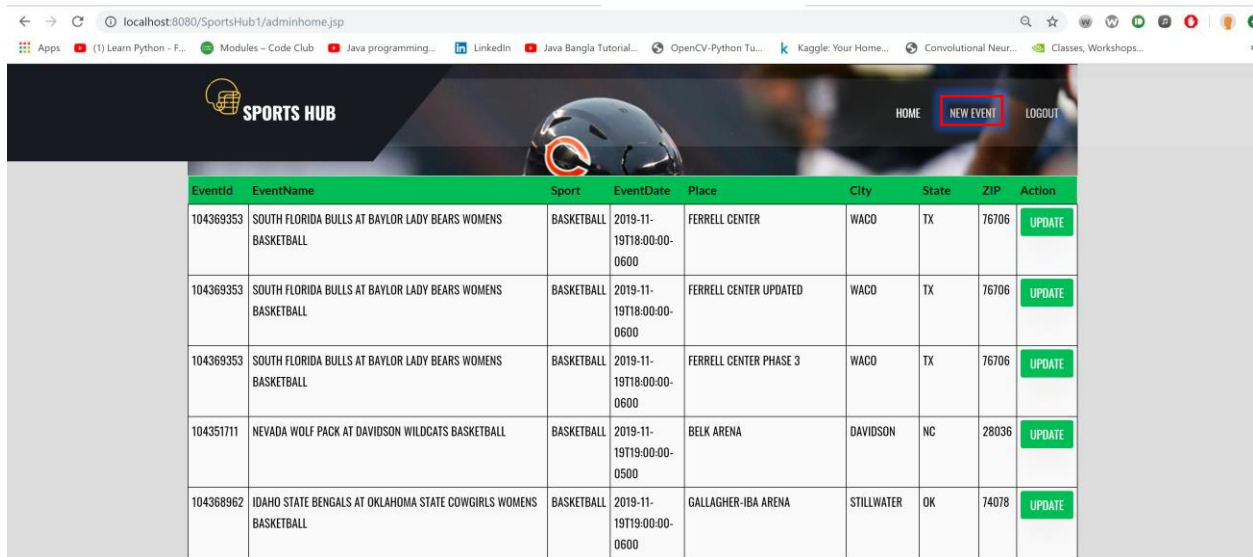
Web application interface showing the event list:

SPORTS HUB

HOME NEW EVENT LOGOUT

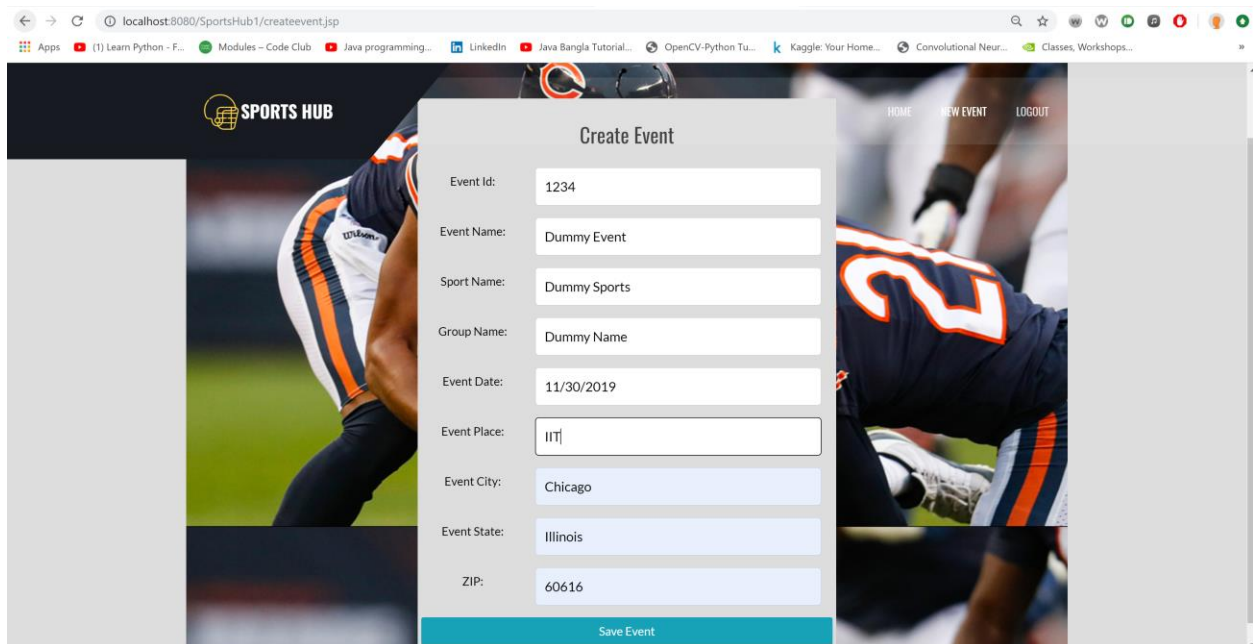
EventId	EventName	Sport	EventDate	Place	City	State	ZIP	Action
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER	WACO	TX	76706	UPDATE
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER UPDATED	WACO	TX	76706	UPDATE
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER PHASE 3	WACO	TX	76706	UPDATE
104351711	NEVADA WOLF PACK AT DAVIDSON WILDCATS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0500	BELK ARENA	DAVIDSON	NC	28036	UPDATE
104368962	IDAHO STATE BENGALS AT OKLAHOMA STATE COWGIRLS WOMENS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0600	GALLAGHER-IBA ARENA	STILLWATER	OK	74078	UPDATE
104278980	NOTRE DAME DE NAMUR ARGONAUTS AT SANTA CLARA BRONCOS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0800	LEAVEY EVENT CENTER	SANTA CLARA	CA	95053	UPDATE

Admin can also add new events, as shown below by clicking on the NEW EVENT tab in the header menu.



The screenshot shows the 'SPORTS HUB' admin interface. The header includes 'HOME', 'NEW EVENT' (highlighted with a red box), and 'LOGOUT' links. Below the header is a table listing events. Each row has an 'UPDATE' button in the 'Action' column.

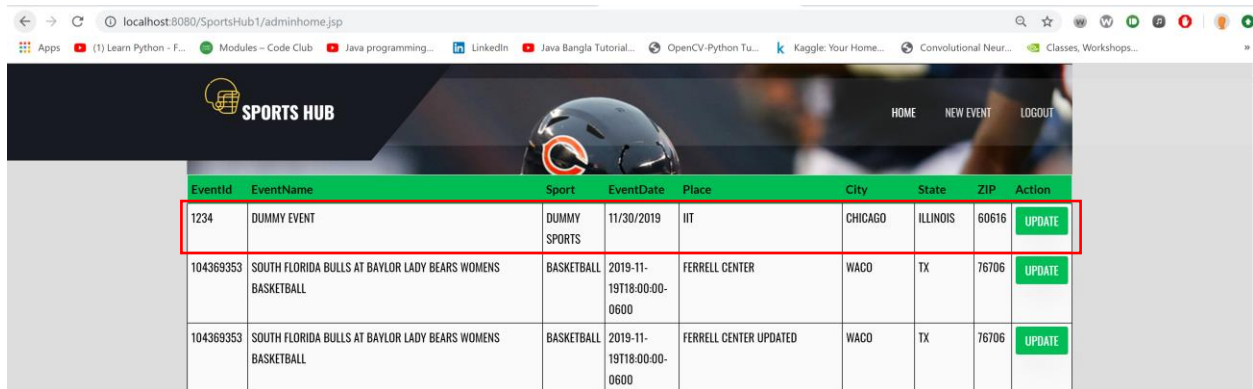
EventId	EventName	Sport	EventDate	Place	City	State	ZIP	Action
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER	WACO	TX	76706	<button>UPDATE</button>
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER UPDATED	WACO	TX	76706	<button>UPDATE</button>
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER PHASE 3	WACO	TX	76706	<button>UPDATE</button>
104351711	NEVADA WOLF PACK AT DAVIDSON WILDCATS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0500	BELK ARENA	DAVIDSON	NC	28036	<button>UPDATE</button>
104368962	IDAHO STATE BENGALS AT OKLAHOMA STATE COWGIRLS WOMENS BASKETBALL	BASKETBALL	2019-11-19T19:00:00-0600	GALLAGHER-IBA ARENA	STILLWATER	OK	74078	<button>UPDATE</button>



The screenshot shows the 'SPORTS HUB' admin interface with the 'NEW EVENT' tab selected. A 'Create Event' form is displayed in the center, allowing an administrator to add a new event. The form includes fields for Event Id, Event Name, Sport Name, Group Name, Event Date, Event Place, Event City, Event State, and ZIP, followed by a 'Save Event' button.

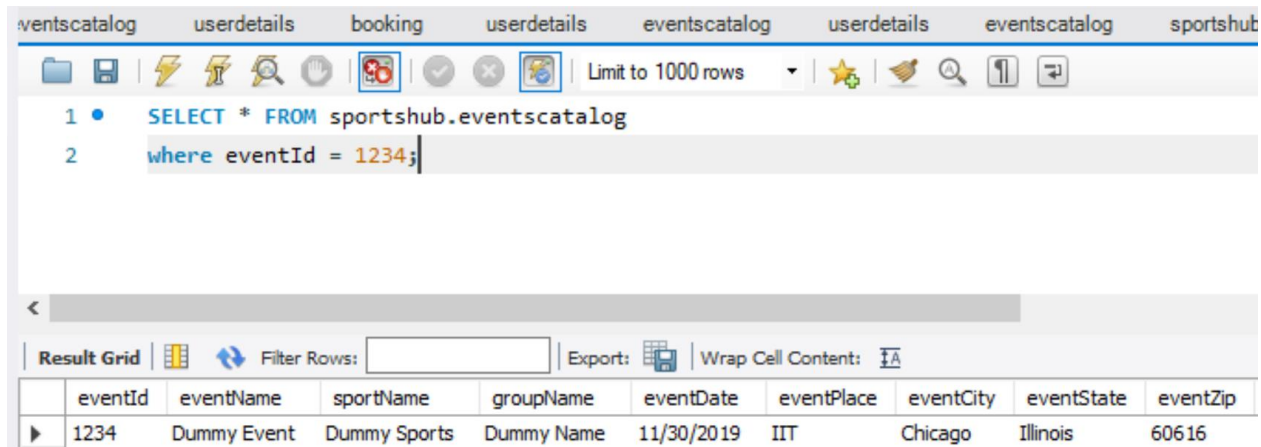
Create Event	
Event Id:	<input type="text" value="1234"/>
Event Name:	<input type="text" value="Dummy Event"/>
Sport Name:	<input type="text" value="Dummy Sports"/>
Group Name:	<input type="text" value="Dummy Name"/>
Event Date:	<input type="text" value="11/30/2019"/>
Event Place:	<input type="text" value="IIT"/>
Event City:	<input type="text" value="Chicago"/>
Event State:	<input type="text" value="Illinois"/>
ZIP:	<input type="text" value="60616"/>
<button>Save Event</button>	

New dummy event gets added to the events list.



EventId	EventName	Sport	EventDate	Place	City	State	ZIP	Action
1234	DUMMY EVENT	DUMMY SPORTS	11/30/2019	IIT	CHICAGO	ILLINOIS	60616	UPDATE
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER	WACO	TX	76706	UPDATE
104369353	SOUTH FLORIDA BULLS AT BAYLOR LADY BEARS WOMENS BASKETBALL	BASKETBALL	2019-11-19T18:00:00-0600	FERRELL CENTER UPDATED	WACO	TX	76706	UPDATE

Also, the corresponding entry can be seen in the MySQL database:



```
1 • SELECT * FROM sportshub.eventscatalog
2 where eventId = 1234;
```

eventId	eventName	sportName	groupName	eventDate	eventPlace	eventCity	eventState	eventZip
1234	Dummy Event	Dummy Sports	Dummy Name	11/30/2019	IIT	Chicago	Illinois	60616