**10/7/2016**

**COMP-229-006**

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The website “Tournament Hits” is a Game Tracker website which tracks the progress of top teams of four different leagues of four different sports. The reason we choose the name “Tournament hits” because our website allows user to track the scores of top teams in the world.

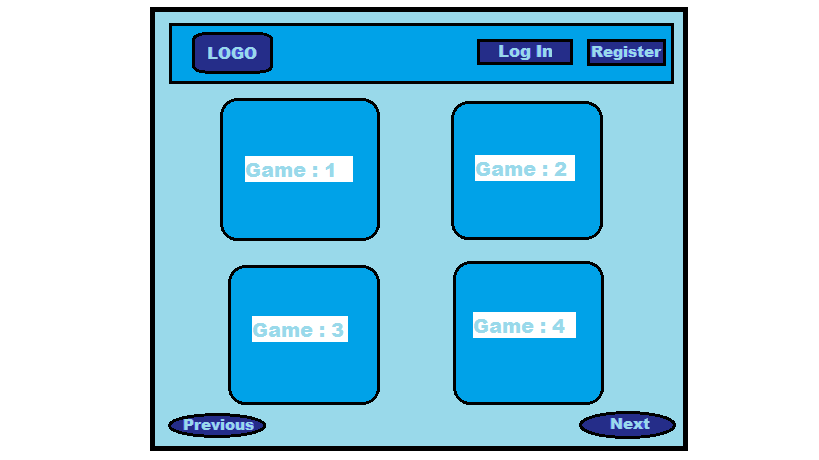
* Our website tracks 4 different games for each calendar week.
* Our website will also measure how many points were scored and how many points were allowed (or lost) for each team and how many spectators watched each game.
* All the four leagues appear on the main page of the website.
* Our website has database of scores up to four weeks including the ongoing week.
* Each time user clicks on particular week, the score of teams will be shown accordingly.
* Anonymous user can only see the last updated scores that has been updated in our website database.
* Any user can register anytime to modify the scores and view his own scores on website.
* Our typography and color would include shades of black, gray and blue.

1. **game structure description**

**Four Games**

* Basketball
* Football
* Hockey
* Volleyball
* Teams in Basketball: Toronto Raptors & Miami Heats.
* Teams in Football: Toronto FC & DC United
* Teams in Hockey: Toronto Maple Leafs & Ottawa Senators
* Teams in Volleyball: Canada & Russia

1. **wireframe**



1. **Game tracker part-b**

* **Main Game Tracking Page Setup**

**Main Game Tracking Page** will display the **weekly statistics** of each game. Each game will track **two teams** and our web application will record which team won the game. Our Web App will also measure how many points were **scored** and how many points were **allowed** (or lost) for each team and how many **spectators** watched each game. The weekly results will be recorded in a database using appropriate tables and relations.

Our main game tracking page setup includes a football game tracked between Toronto FC and DC United with the number of spectators in their game.

The game is tracked in four different weeks between Week12 to Week15.

* **Database Structure Setup**

We made a database on the local server, and on that database, four tables were produced (one for each week). All the necessary fields were put into the table.

We used both hand-written queries system and design view available in visual studio to produce tables.

Database connection was set up with the web application by using the models.

We used LINQ, SQL and created queries to build our tables for each particular week. We formatted our site structure using CSS properties in accordance to bootstrap and fontawesome.

1. **Game tracker part-C**

A form will allow the user to enter profile information.

(**Username**, **password, email address, etc.),** which will be stored in a database table.

A form will allow a **registered user** to **Login**.

Upon successful **Login**, other forms or controls will allow the user to **Logout.**

**Modify** his or her profile.

**Site security** will prevent non-registered users from modifying any Game or Team statistics.

All the four weeks have different statistical data of all four games.

There is a add button for each game of each week to add the new scores requested by user. Once user clicked it on add button, he/she can always can always comeback and ignore their decision. Logout button will redirect the user on the Default Page. User can add the data of his/her choice.

Steps:-

Firstly, when the Game Tracker Website opens, the user is able to see different statistical data of four different games.

If the user wants to modify the data that is add data to the table, then upon clicking the “add button”, the user is redirected to the login page where he needs to login. And if the user is not a registered user, then the user has to register.

After successful registration and login, the user can modify data.

And the user can successfully logout when he wishes to do so.

1. **github and azure link**

* GitHub Link: <https://github.com/Ishan2996/COMP-229-006-Project-1-GameTracker>
* Azure Link To Website: <http://comp-229-006-gametracker.azurewebsites.net>