 **National University of Computer and Emerging Sciences**

# Database Systems

**“Deliverable 1 - Scope”**

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| **DEGREE PROGRAM:** | BS/CS |
| **SEMESTER:** | Summer 2019 |
| **SUBJECT NAME:** | Database Systems |
| **DATE OF SUBMISSION:** | June 28, 2019 |
| **SUBMITTED TO:** | Mr. Bilal Khalid Dar |

**STUDENT SIGNATURE:**

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**Project Description:**

We are developing a Web based Premier League information system. Premier League is an English Football league which consists of 20 football clubs from different cities of England. This system is free for everyone and people can get every update and every kind of information about Premier League through this system.

**Problem Statement:**

* Users face difficulty in getting information about league fixtures.
* Users face difficulty in knowing about the results of the league fixtures.
* Users want to know about the players and teams stats in the league.
* Fans of the clubs want every update about the teams they are following.
* Users want to know about the history of the clubs and the biography of the players.

**Problem Solution:**

* Our system will consist of a fixtures table from where user can know about all the upcoming fixtures.
* Users can see the result of the matches that has been played.
* Users will remain updated with current players and teams stats through players and teams stats table.
* By subscribing, the users can get updates about their favorite teams through email notification.
* User can see the history of any club and the biography of any player of the premier league through this system.

**Advantages/Benefits:**

Premier League fans can easily get all the information about the league from this system by staying on one website. Fans will be able to see the upcoming fixtures and get updated with the results of played matches. Fans will know the team standings through points table. By subscribing, the fans will get updates about their favorite teams through Email notification.

**Scope:**

**User Module:**

When the user will open our website, he will see 8 tabs on the very front page (players, teams, managers, fixtures, stadiums, player stats, team stats, points table). If the user wants information about any player, he will go the “Players” tab and will enter the player’s name in the player search bar and he will get the information of that player. If the user wants information about any team, he will go the “Teams” tab and will enter the team’s name in the team search bar and he will get the information of that team. If the user wants information about any manager, he will go the “Managers” tab and will enter the manager’s name in the manager search bar and he will get the information of that manager. User can see date and time of upcoming fixtures in the

“Fixtures” tab. User can see the results of the played matches in the “Results” tab. User can see the player statistics of the league in the “Player Stats” tab. User can see the team statistics of the league in the “Team Stats” tab. User can see the current standing of the teams in the “Points Table” tab. If he want, he can also subscribe for the email notification about his favorite news and updates, either weekly or daily or monthly.

**Admin Module:**

When the administrator will log in to system he will see the admin panel. The admin panel will consist of 8 to 10 different tabs where he has full access to change the information showing on the tabs. Including players, teams, managers, fixtures, stadiums, player stats, team stats, points table. The admin can also check how many accounts have been registered, and can also delete them. Points table will also be managing by the admin, he will update the points of every team after the match is over. He will also be updating the information about team, player stats and managers. On the fixtures tab, the date and time of the matches he has to update them if any match get postponed or cancelled by any reason.

**Constraints:**

* We wanted to make our system for various popular sports but due to lack of time we have limited our system to only one sport “Football”.
* We have limited our system to provide the information for only “English Premier League” due to less time.
* As our system is only for localhost, therefore we cannot show live streaming or live scores of matches to our users.

**Roles & Project Stakeholders:**

**Developers:**

* Syed Ali Javed
* Bilal Amjad
* M.Haris Noori

**Evaluators:**

* Bilal Khalid Dar
* Usman Kaisser

**Project Approach:**

* We our using only online sources for to gather complete information and the collection of data for our system. (htt) (htt1) (htt3)
* For players and managers information we are using Wikipedia. (htt2)
* For clubs information we are using their official websites.

**Work Division:**

* **Collection of data:** Bilal Amjad-3 entities, Ali Javed- 3 entities, Haris Noori – 2 entities**.**
* **ER/D:** Ali, Bilal, Haris
* **Admin Module:** Haris
* **User Module:** Ali and Bilal
* **Front-End:** Haris, Bilal, Ali

**Conclusion:**

This system is a well-organized sports information system which is user-friendly. This system is free for everyone. By using this system users can get information about every match of English Premier League, they can get information about any player, team or manager who is part of English Premier League.

## References

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