CSE 4508 RDBMS Programming Lab

Football Score Record

Hasibul Haque Himel - 160041018

Ifta Khairul Alam - 160041034

Mashrur Nazrul Mashfi - 160041003

**Description:**

In our project we tried to implement a football database management system in oracle Apex environment. Here we have different table for League information, Team list, Manager database, Player database, Fixture, Goal database and Card information. We have 3 different types of user (Admin, Manager, User). Admin have all table and pages available to him. Manager can enter and view data to different table. User only can view those data. We implemented trigger and sequence for every table. For fetching data from table and corresponding parent table we used standard SQL query and PLSQL functions. We also implemented a fixture calendar for different matches. From where we can easily find upcoming matches. For goal and card database we implemented pie chart and standard bar diagram for finding max goal scorer, max assist and most card (Yellow and Red). We can find max goals and card in terms of both players and teams. Means we can also find which team scored max number of goals etc. There are other features like total goal scored this season, Total card, Max goal scorer of a particular team etc.

Now for Interface we used background picture for pages and added logo of our application. We created a user friendly navigation menu.

**Application Pages:**

1. Home (Accessible by all user)
2. Administrator (Accessible by only database designer and admin)
3. League info (Accessible by all user)
4. Create League (Accessible by manager and admin)
5. Team list (Accessible by all user)
6. Create Team (Accessible by manager and admin)
7. Manager database (Accessible by all user)
8. Manager entry (Accessible by manager and admin)
9. Player details (Accessible by all user)
10. Player entry (Accessible by manager and admin)
11. Fixture (Calendar)
12. Match info (Accessible by all user)
13. Match entry (Accessible by manager and admin)
14. Goal database (Accessible by all user)
15. Goal entry (Accessible by manager and admin)
16. Top Goal Scorer (Pie Chart and Bar diagram)
17. Top Assist (Pie Chart and Bar diagram)
18. Card information (Pie Chart and Bar diagram included)