



JAVA PROJECT

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UEFA NEWS

FOOTBALL INFORMATION
AND UPDATES

ABSTRACT



For a football fan in India it is difficult to keep up with the European football competitions. With such a tight fixture schedule and so many matches happening together and mostly after midnight it is almost impossible to know everything that's going on and that's where our "football news application" comes into play.

FEATURES

Our application will have the following features:

- It will consist of an admin panel where by entering your login credentials you will be able to update the latest matchday info.
- It will also consist of a europa league category where you will be displayed all the matches as per the matchdays and their respective scorelines along with the goal scorers.
- And finally it consists of a champions league category where you will be displayed all the matches as per the matchdays and their respective scorelines along with the goal scorers.



OBJECTIVES



- To enable user to keep track of their favourite teams.
- To help the user to know all the goal scorers.
- To enable the admins to update the news anytime.
- User will be able to know about all the biggest matches in Europe.
- To pre-plan their activities accordingly to watch the match after seeing the schedule on our application.

PROBLEM STATEMENT



It is hard to keep up with European football i.e UEFA Competitions for everyone as there are a lot of matches going on at a time and mostly after the midnight in I.S.T. This is a huge problem for the football fans who seek reliable information at the earliest.



Lots of matches happen and have happened so to keep track becomes difficult and to get information in a sorted and a proper manner also becomes increasingly difficult if specially the matches have already been played that is information on past matches.

RESEARCH MOTIVATION



The motivation behind the research was that for a football fan in India it is difficult to keep up with the European football competitions. With such a tight fixture schedule and so many matches happening together and mostly after midnight it is almost impossible to know everything that's going on and that's where our "football news application" 'UEFA News' comes into play.

This application will be a huge help to all the football fans in India as they will be able to keep track of all the football matches going on and track their favourite teams performances as well as other teams.

APPLICATIONS

There are many applications of the project :

- Through this app every football fan in India can become aware of the happenings in European football.
- Every football fan will have a sound knowledge of European competitions despite being in India.
- The latest news I.e match information will be provided as soon as possible.
- Offline availability .
- Huge database containing past as well as present match information facilitates large amount of matchdays to choose from.



A soccer player, likely Zlatan Ibrahimović, is shown in profile, looking upwards. He is wearing a red and black vertically striped AC Milan jersey with 'Fly Emirates' on the front. The background is a blurred stadium.

A LITTLE ABOUT JAVA

Java is a general-purpose, concurrent, class-based, object-oriented computer programming


language that is specifically designed to have as few implementation dependencies as possible. It

is intended to let application developers "write once, run anywhere" (WORA), meaning that code

that runs on one platform does not need to be recompiled to run on another. Java applications are

typically compiled to byte code (class file) that can run on any Java virtual machine (JVM)

regardless of computer architecture

A soccer player, likely Zlatan Ibrahimović, is shown in profile, looking upwards. He is wearing a red and black vertically striped AC Milan jersey with "Fly Emirates" and a Serie A patch. He has a small ponytail and a tattoo on his right arm.

Java is, as of 2012, one of the most popular programming languages in use, particularly for client-server web applications, with a reported 10 million users

[1][2]. Java was originally developed by James Gosling at Sun Microsystems (which has since

merged into Oracle Corporation) and released in 1995 as a core component of Sun Microsystems'

Java platform. The language derives much of its syntax from C and C++, but it has fewer low

level facilities than either of them. Java [3] can be used to write applications and applets. A Java application is similar to any other high-level language program: It can only be compiled and then run on the same machine.



An applet is compiled on one machine, stored on a server in binary, and can be sent to another machine over the Internet to be interpreted by a Java-aware browser. Java comes with a large library of ready-made classes and objects. The key difference between Java 1.0 and 1.1 was in this library. Similarly, Java 2.0 has a very much larger library for handling user interfaces (Swing by name) but only small changes to the core of the language.

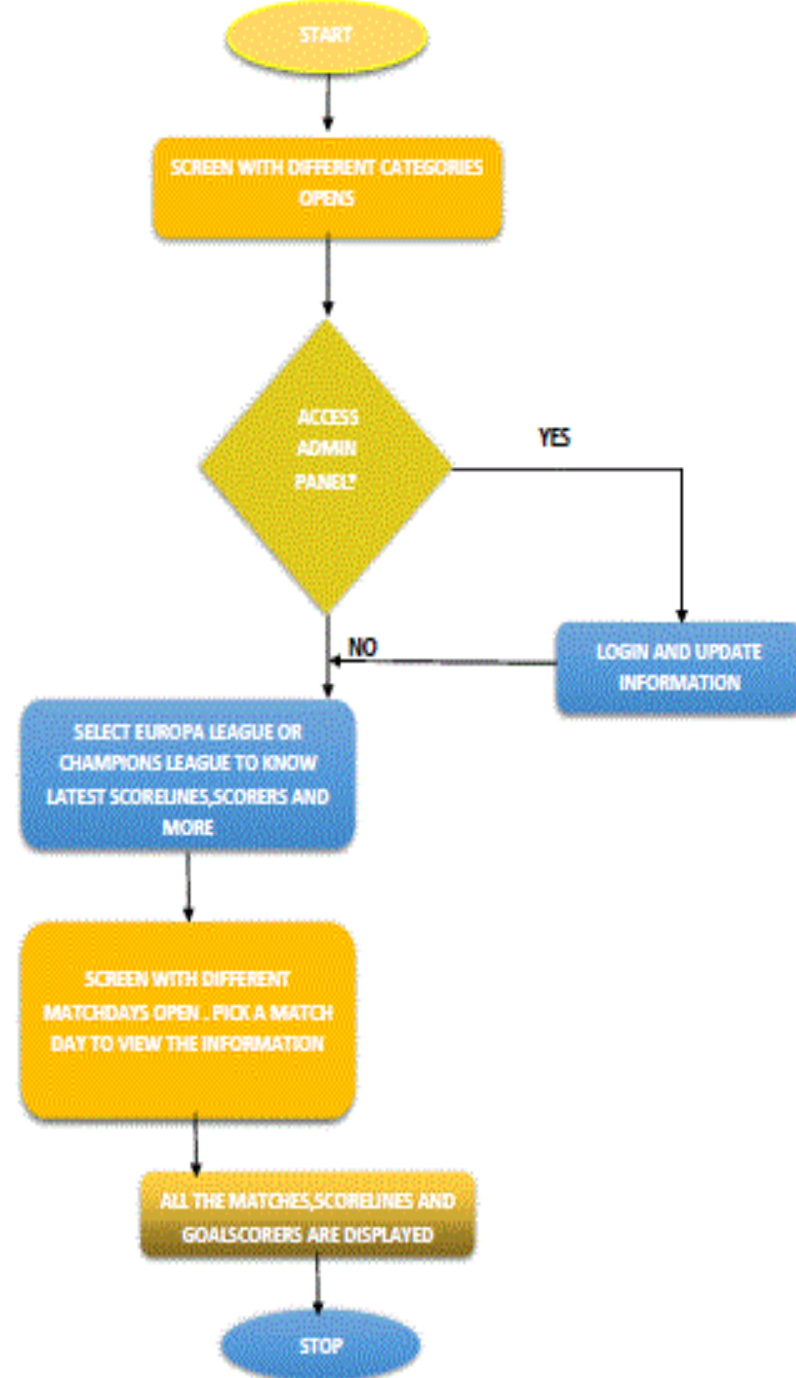


LITERATURE SURVEY

In this project we have used javafx with the combination of scene builder which gives a perfect platform for building an application, i.e (UEFA News) which gives the idea about the main two competitions held in the world of football which is Europa league and the Champions league. This is like getting an overview of the matches held in the tournament in a very short moment of time.

So to perform this task we have used the java language with javafx platform and to enhance it scene builder is used with the help of IntelliJ IDE .

FLOWCHART








A soccer ball with black and white panels is shown hitting a goal net. The net is made of white ropes and is slightly blurred, suggesting motion. The background is a gray and white checkerboard pattern.

CLASS HIERARCHY

```
class Main
  ↓
class Sample2
  ↓
class Sample    class sample4    class Sample3
  ↓
class Sample5
  ↓
class Sample0
```




UCL GROUPS 2020

GROUP A		GROUP B	
 PARIS		 BAYERN	
 REAL MADRID		 TOTTENHAM	
 CLUB BRUGGE		 OLYMPIACOS	
 GALATASARAY		 CRVENA ZVEZDA	
GROUP C		GROUP D	
 MAN. CITY		 JUVENTUS	
 SHAKHTAR DONETSK		 ATLÉTICO	
 DINAMO ZAGREB		 LEVERKUSEN	
 ATALANTA		 LOKOMOTIV MOSKVA	
GROUP E		GROUP F	
 LIVERPOOL		 BARCELONA	
 NAPOLI		 DORTMUND	
 SALZBURG		 INTER	
 GENK		 SLAVIA PRAHA	
GROUP G		GROUP H	
 ZENIT		 CHELSEA	
 BENFICA		 AJAX	
 LYON		 VALENCIA	
 LEIPZIG		 LOSC	

UEL GROUPS 2020



GROUP A

- SEVILLA
- APOEL
- QARABAĞ
- DUDELANGE

GROUP B

- DYNAMO KYIV
- KØBENHAVN
- MALMÖ
- LUGANO

GROUP C

- BASEL
- KRASNODAR
- GETAFE
- TRABZONSPOR

GROUP D

- SPORTING CP
- PSV
- ROSENBORG
- LASK

GROUP E

- LAZIO
- CELTIC
- RENNES
- CFR CLUJ

GROUP F

- ARSENAL
- FRANKFURT
- STANDARD LIÈGE
- VITÓRIA SC

GROUP G

- PORTO
- YOUNG BOYS
- FEYENOORD
- RANGERS

GROUP H

- CSKA MOSKVA
- LUDOGORETS
- ESPANYOL
- FERENCVÁROS

GROUP I

- WOLFSBURG
- GENT
- SAINT ÉTIENNE
- OLEXANDRIYA

GROUP J

- ROMA
- MÖNCHENGLADBACH
- İSTANBUL BAŞAKŞEHİR
- WOLFSBERG

GROUP K

- BEŞİKTAŞ
- BRAGA
- WOLVES
- SLOVAN BRATISLAVA

GROUP L

- MANCHESTER UNITED
- ASTANA
- PARTIZAN
- AZ ALKMAAR

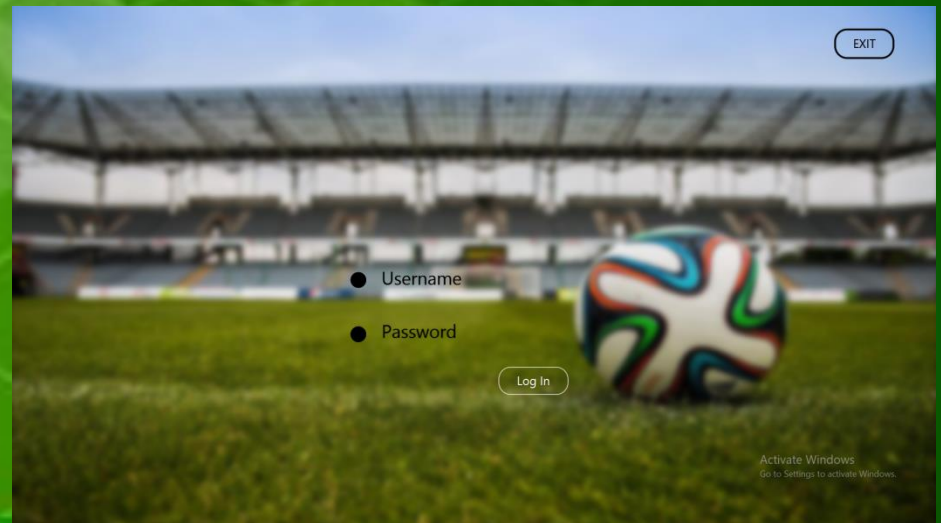
WORKING

As mentioned the home page opens revealing 3 options for us to choose from in addition to an exit button.





*Upon choosing admin panel we
are then taken to the next page
where we are asked for our
username and password.
we can also choose the exit option*





Then the next page opens welcoming the admin to update the information by selecting the competition I.e either Champions league or Europa league and the matchday .

!!! WELCOME USER !!!

CHOOSE THE ITEMS TO UPDATE

UEFA Teams ▼

Europa league

Champions League

Select the day ▼

SUBMIT

Exit

Activate Windows
Go to Settings to activate Windows.



User then adds the information to be updated i.e both the teams and the result. User then selects whether to add the information or delete it.

!!! WELCOME USER !!!

CHOOSE THE ITEMS TO UPDATE

UEFA Teams ▼ Select the day ▼ SUBMIT

Team1	Team2	Winner

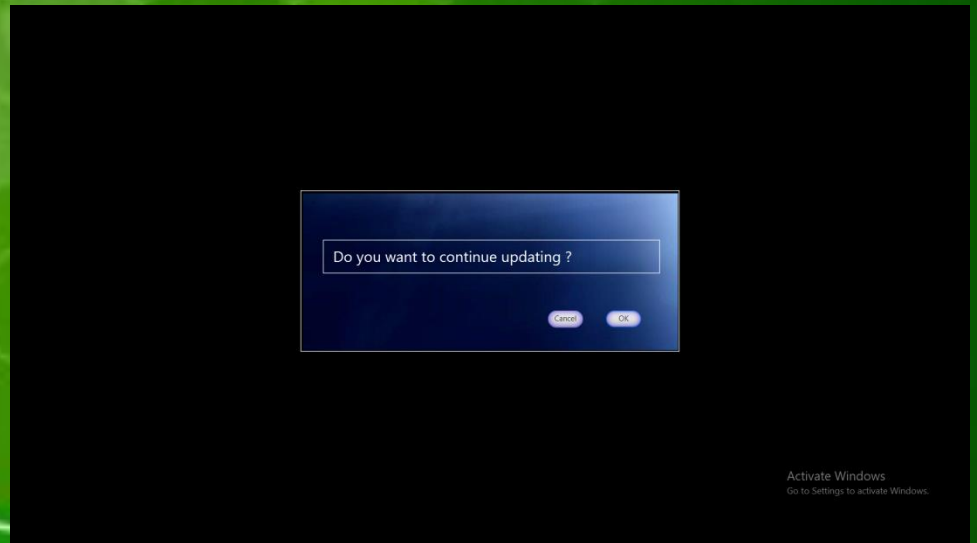
ADD

Delete

Activate Windows
Go to Settings to activate Windows.



After updating a dialogue box appears prompting the user to either continue updating or go back to home page.





After reaching the home page if you pick champions league, next page will open with champions league results of each matchday . You can toggle between the tabs to switch the matchday .

EXIT

Day 1 Day 2 18/09/2019

TEAM 1	TEAM 2	WINNER
Ajax	Lille	Ajax(3)
Benfica	RB Leipzig	RB Leipzig(1)
Dortmund	Barcelona	Tied
Club Brugge	Galatasaray	Tied
Olympicos	Tottenham	Tied
Chelsea	Valencia	Valencia(1)
Red Bull	Genk	Red Bull(4)
Napoli	Liverpool	Napoli(2)

Activate Windows
Go to Settings to activate Windows.



Similarly one can view Europa league results as well by toggling between the matchday tabs.

UEFA
EUROPA
LEAGUE

Team 1	Team 2	Winner
CFR Cluj	Lazio	CFR Cluj(1)
Lask	Rosenborg	Lask(1)
Getafe	Trabzonspor	Getafe(1)
PSV	Sporting	PSV(1)
Basel	Krasnodar	Basel(5)
Apoel	Dudelage	Dudelage(1)
Copenhagen	Lugano	Copenhagen(1)
Celtic	Rennes	Tied

Activate Windows
Go to Settings to activate Windows.



APPLICATIONS USED

- *JavaFX*
- *MySQL*

A photograph of Robert Lewandowski, a Polish professional footballer, wearing a red jersey with white stripes on the sleeves. He is pointing his right index finger towards the camera. The background is a blurred stadium crowd.

HARDWARE REQUIREMENTS

WINDOWS

- **Windows 10 (8u51 and above)**
- **Windows 8.x (Desktop)**
- **Windows 7 SP1**
- **Windows Vista SP2**
- **Windows Server 2008 R2 SP1 (64-bit)**
- **Windows Server 2012 and 2012 R2 (64-bit)**
- **Disk space: 124 MB for JRE; 2 MB for Java Update**
- **Processor: Minimum Pentium 2 266 MHz processor**
- **Browsers: Internet Explorer 9 and above, Firefox**



LINUX

- Oracle Linux 5.5+1
- Oracle Linux 6.x (32-bit), 6.x (64-bit)2
- Oracle Linux 7.x (64-bit)2 (8u20 and above)
- Red Hat Enterprise Linux 5.5+1, 6.x (32-bit), 6.x (64-bit)2
- Red Hat Enterprise Linux 7.x (64-bit)2 (8u20 and above)
- Suse Linux Enterprise Server 10 SP2+, 11.x
- Suse Linux Enterprise Server 12.x (64-bit)2 (8u31 and above)
- Ubuntu Linux 12.04 LTS, 13.x
- Ubuntu Linux 14.x (8u25 and above)
- Ubuntu Linux 15.04 (8u45 and above)
- Ubuntu Linux 15.10 (8u65 and above)



PROJECT SUMMARY

UEFA NEWS is a Java project for 4th semester where we use JavaFX and MySQL to create an application for various football fans to keep them informed and updated on the current proceedings of the worlds biggest club competitions the UEFA Champions League and UEFA Europa League. The huge database also allows offline access as well as huge collection of matches to choose your results from.



CONCLUSION

1. The aim of our project is to make every football fan in India aware of the happenings in European football.
2. We want every football fan to have a sound knowledge of European competitions despite being in India .
3. We want to eliminate all the difficulties faced by Indian fans and provide them with the news as soon as possible.
4. Through this project we were able to explore deeper which resulted in a greater understanding for each one of us and were able to achieve our target.



**Thank
you!**