SEARCH ENGINE

Group-I2

By:

Name	Class	Roll No.
Naman Dhaval Desai	SE6	11
Pratham Sunil Gupta	SE6	16
Aryan Gulabchand Yadav	SE6	62

Guided by: Ms. Jalpa Mehta
Ms. Nida Jawre

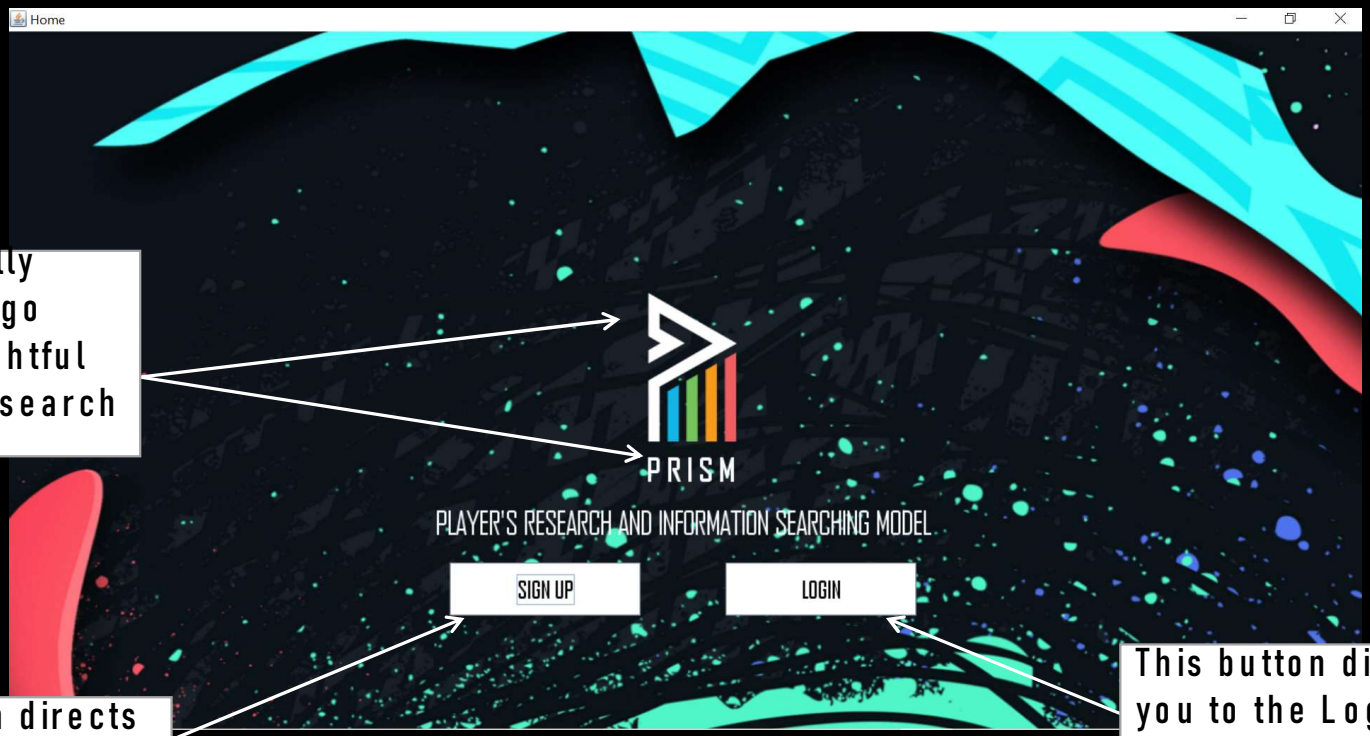
PRISM

PROBLEM STATEMENT

- Improvised on a previously existing static database which stores the information of all the different versions of football players in an online game (FIFA Mobile). This already existing static database does not show the user all the parameters at once, hence to compare between the statistics of players is almost impossible. Implement the storage of different accounts of different users making the database comparatively more secure and personalized too. Implement a better way of visualizing and comparing the differences between different versions of players. Include and view personalized and detailed information of each player in the database.
- Languages to be used: JAVA and SQL.

LAYOUT & FEATURES

HOME PAGE

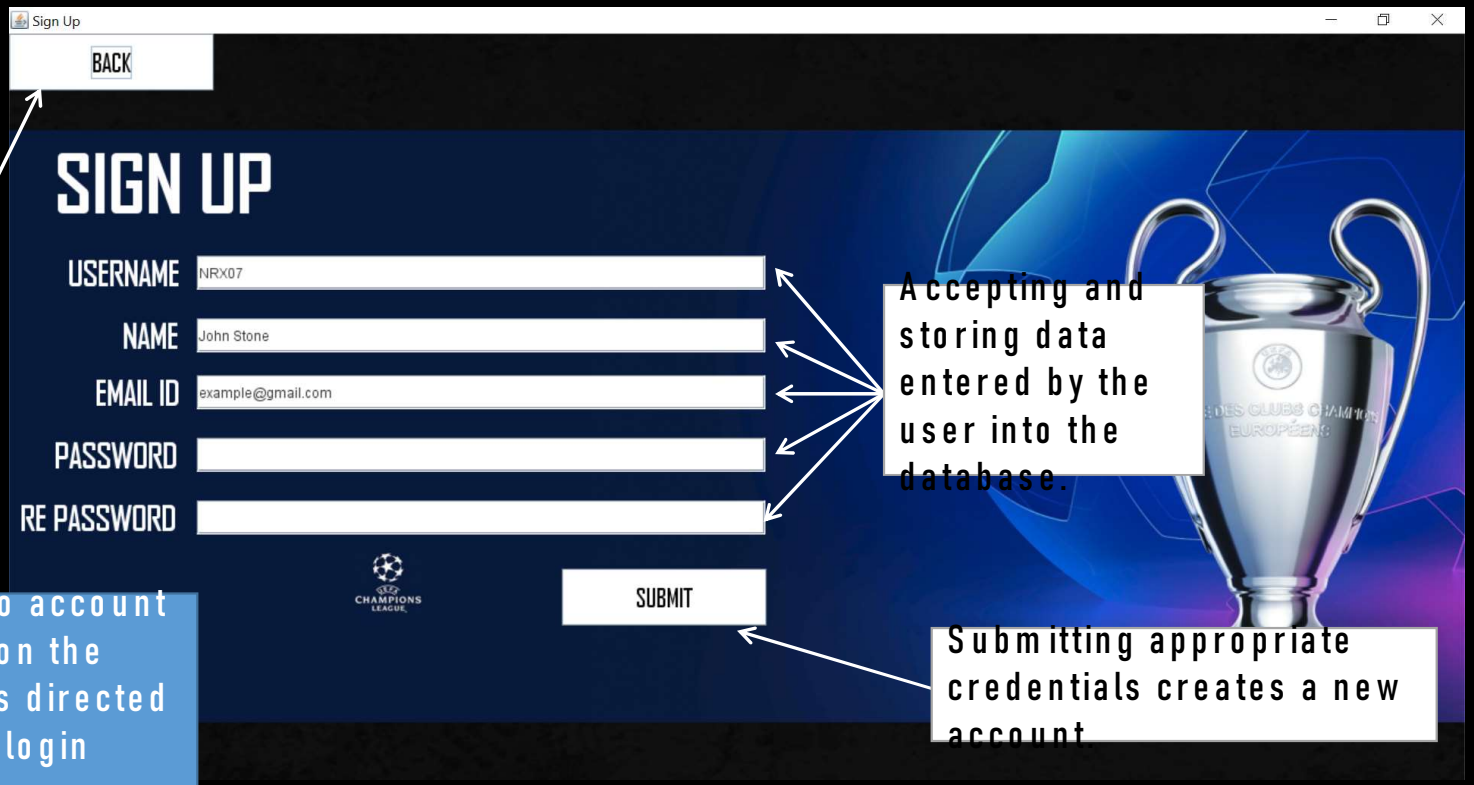


Professionally Designed Logo with an Insightful title for this search engine

This button directs you to the Sign-Up page.

This button directs you to the Log-In page.

SIGN-UP PAGE

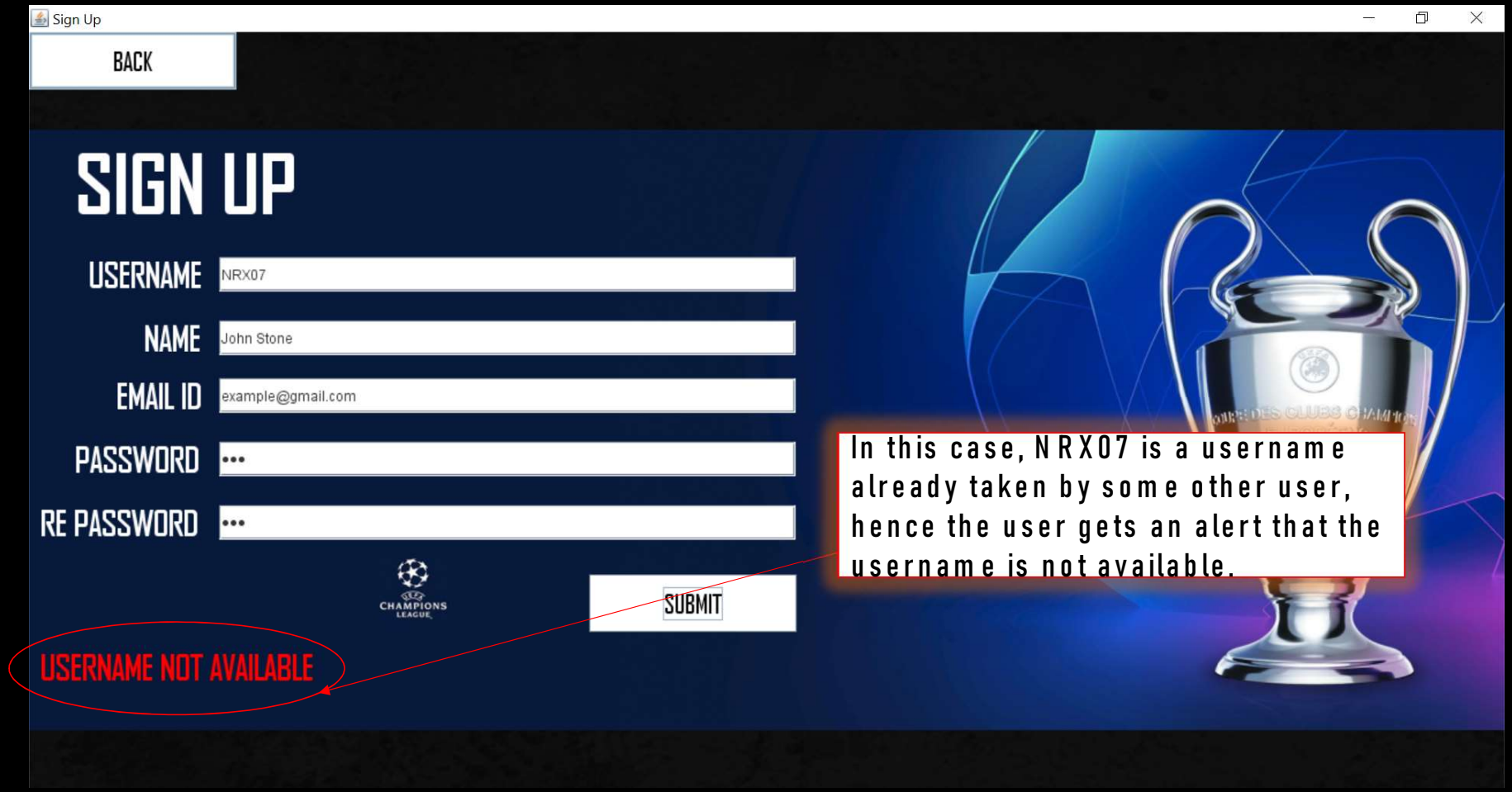


Back button directs you back to the previous page.

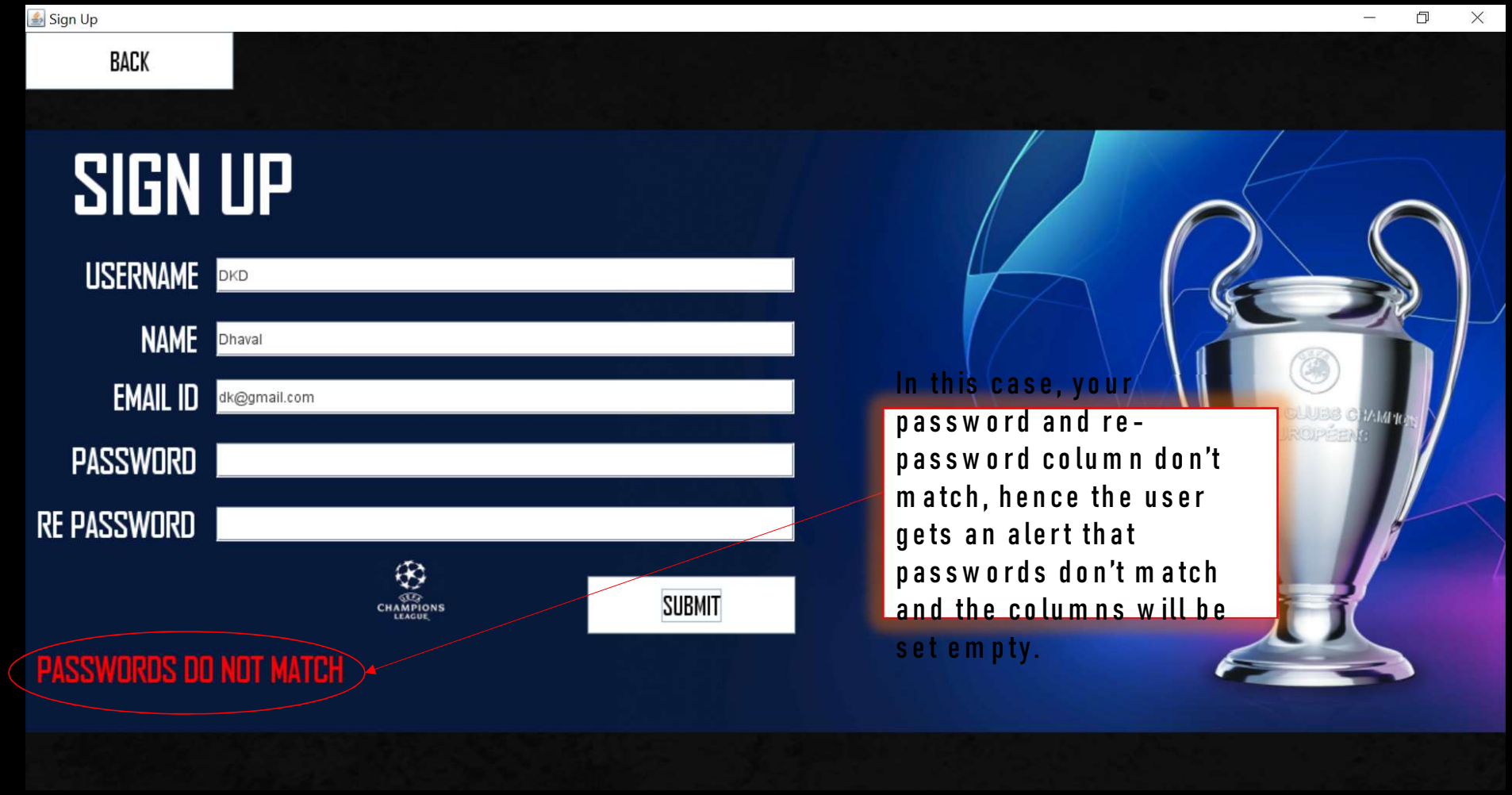
Accepting and storing data entered by the user into the database.

Submitting appropriate credentials creates a new account.

Post to account creation the user is directed to the login page.

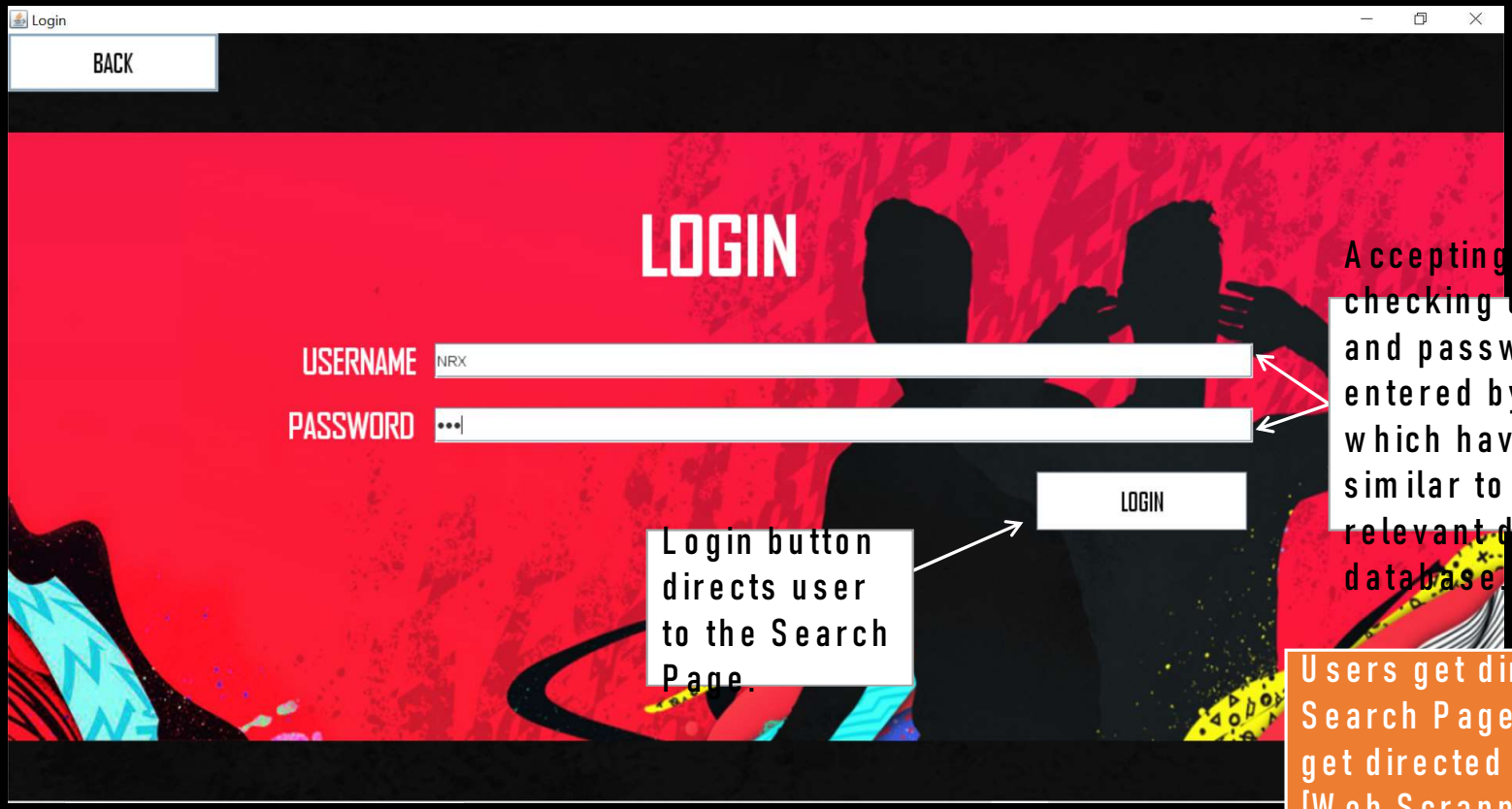


In this case, NRX07 is a username already taken by some other user, hence the user gets an alert that the username is not available.



In this case, your password and re-password column don't match, hence the user gets an alert that passwords don't match and the columns will be set empty.

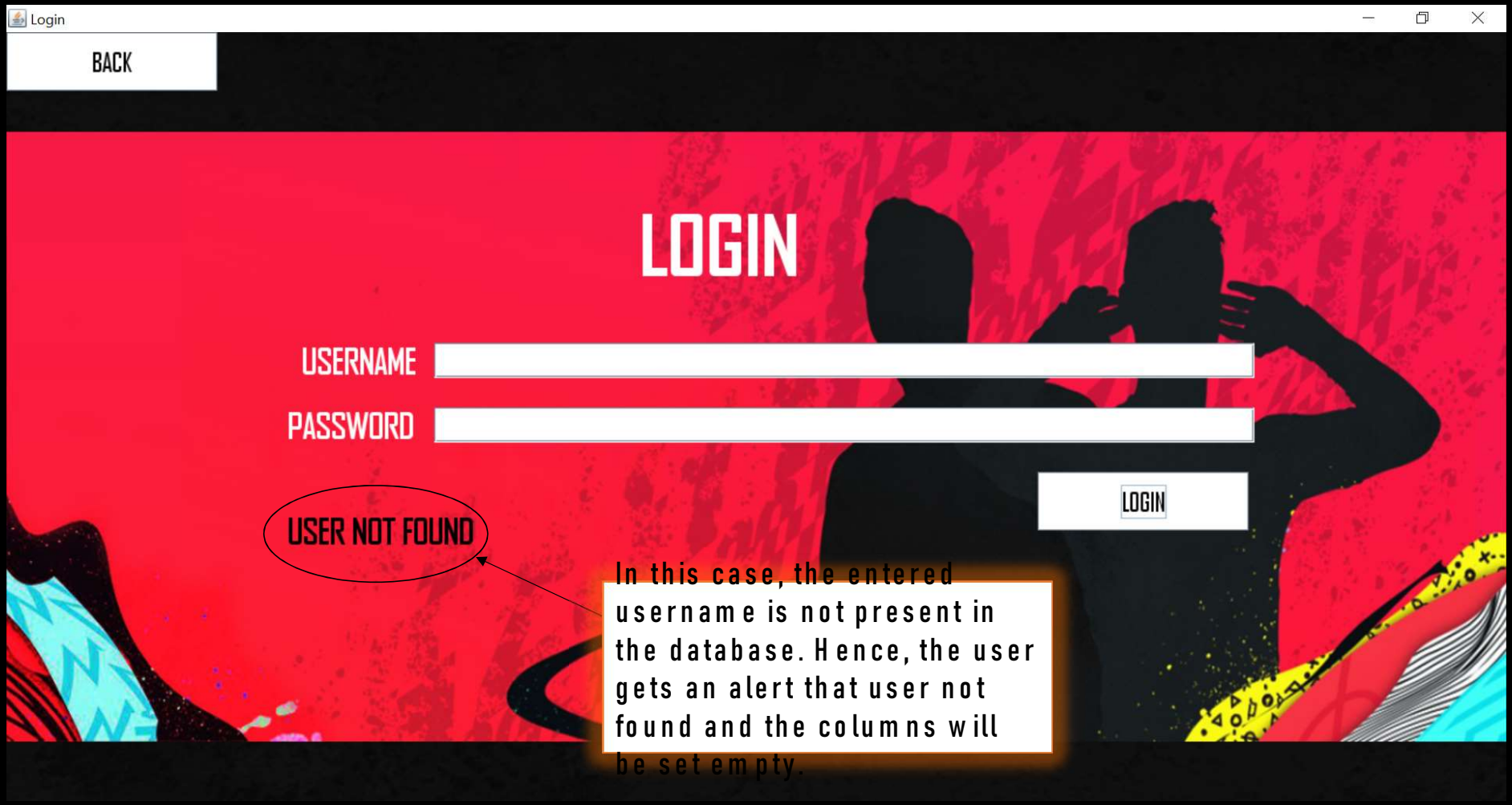
LOGIN PAGE



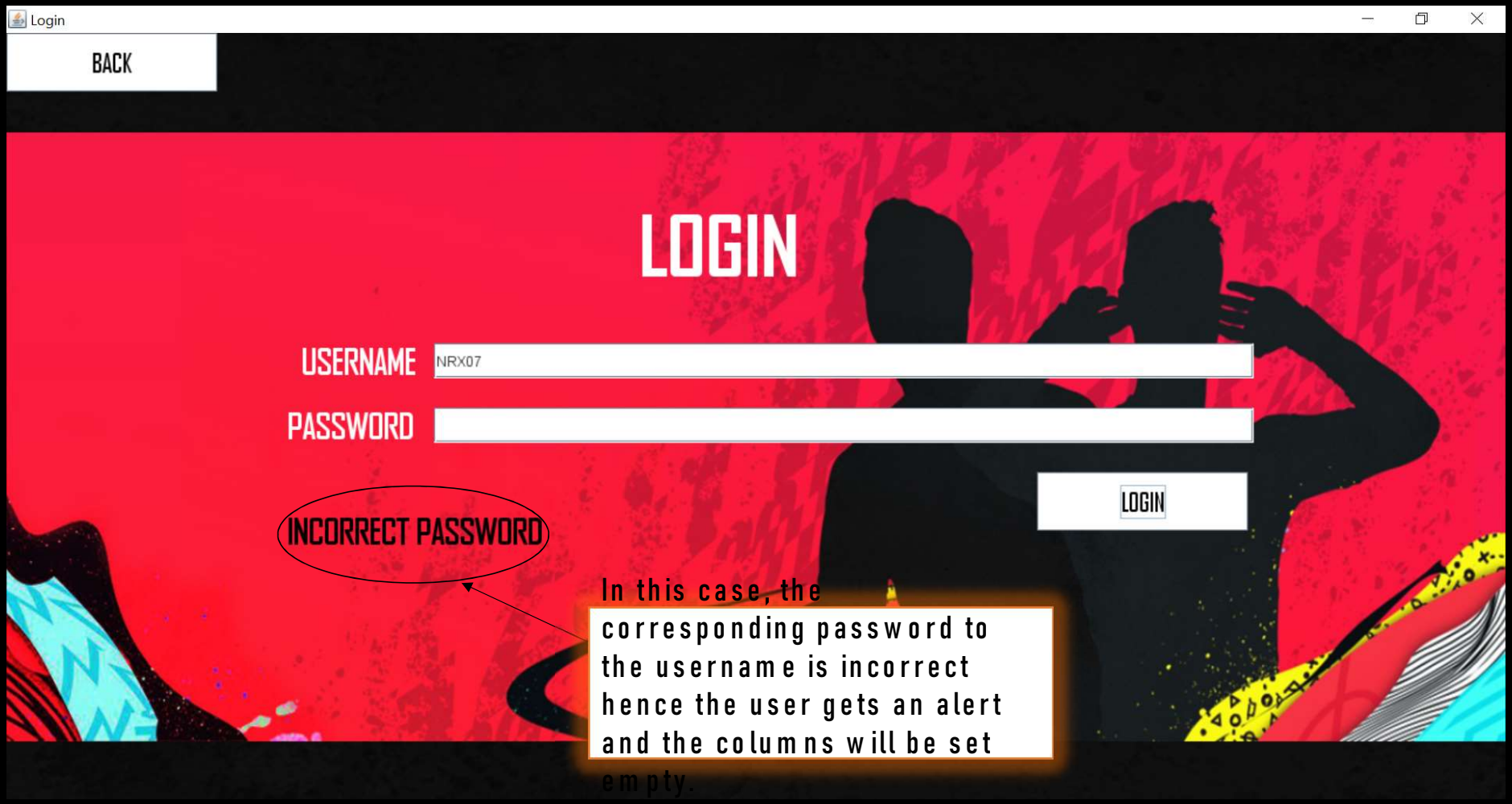
Accepting checking username and password entered by the user which have to be similar to the relevant data of database.

Login button directs user to the Search Page.

Users get directed to the Search Page and Admins get directed to the WSS [Web Scrapping System].

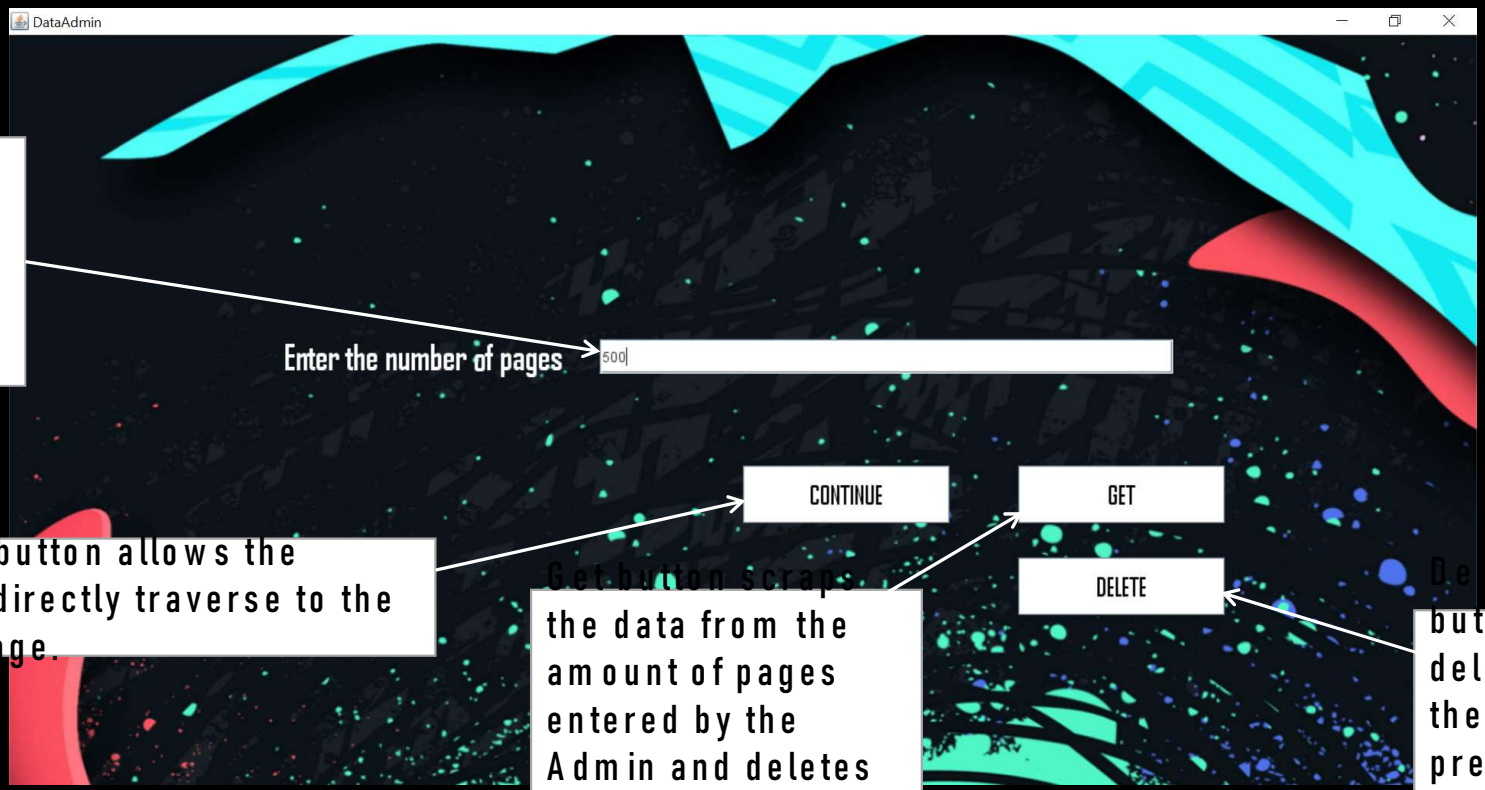


In this case, the entered username is not present in the database. Hence, the user gets an alert that user not found and the columns will be set empty.



In this case, the corresponding password to the username is incorrect hence the user gets an alert and the columns will be set empty.

WSS (Web Scrapping System)



Storing the number of pages entered by the user (Default being

Continue button allows the admin to directly traverse to the Search Page.

Get button scrapes the data from the amount of pages entered by the Admin and deletes all the previously

De button deletes all the previously existing

After completing the deleting process, A message stating "Data deleted" would be shown.

SQL Console

```
mysql> select * from minii.players;
Empty set (0.00 sec)

mysql>
```

Here “minii” database has been used to store web scrapped data. Previously existing data in the database from table “players” gets deleted.

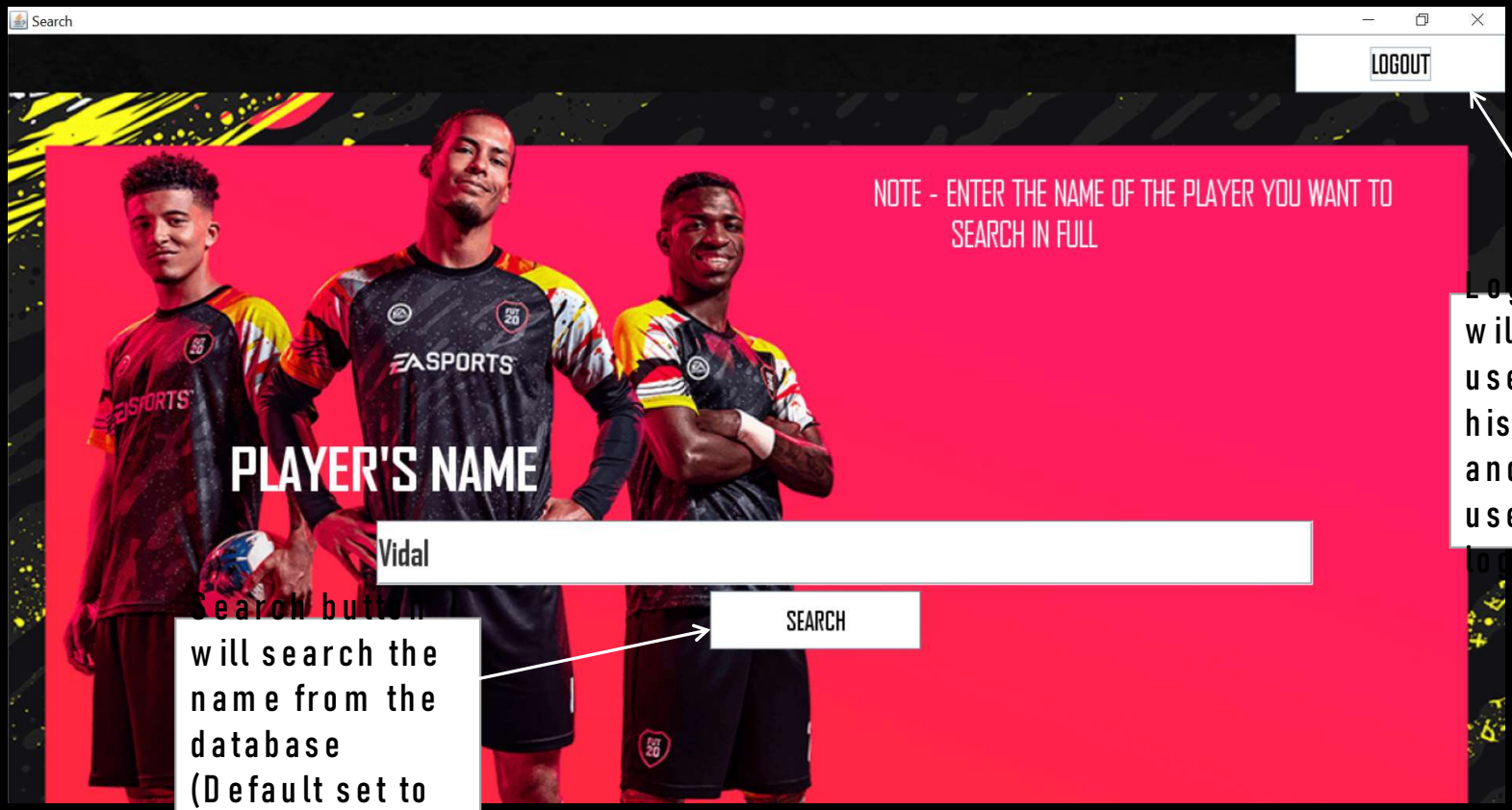
After completing the updating process, A message stating "Data Updated" would be shown.

SQL Console

hash_	rating	position	name	club	league	country	skillboost
0	110	ST	Suárez	Atlético de Madrid	Spain Primera División	Uruguay	ATTACKING
1	110	ST	Werner	Chelsea	England Premier League	Germany	SECONDSTRIKER
2	110	RW	Rodríguez	Everton	England Premier League	Colombia	ATTACKING
3	110	ST	Morata	Piemonte Calcio	Italy Serie A	Spain	ATTACKING
4	110	ST	Osimhen	Napoli	Italy Serie A	Nigeria	LONGSHOTS
5	110	LW	Diogo Jota	Liverpool	England Premier League	Portugal	SECONDSTRIKER
6	110	ST	Schick	Bayer 04 Leverkusen	Germany 1. Bundesliga	Czech Republic	DRIBBLING
7	110	ST	David	LOSC Lille	France Ligue 1	Canada	LONGSHOTS
8	110	ST	Sørloth	RB Leipzig	Germany 1. Bundesliga	Norway	SHOTPOWER
9	110	ST	F. Trincão	FC Barcelona	Spain Primera División	Portugal	LONGSHOTS
10	110	ST	Rodrigo	Leeds United	England Championship	Spain	SECONDSTRIKER
11	110	CAM	David Silva	Real Sociedad	Spain Primera División	Spain	SHOOTING
12	110	CM	Parejo	Villarreal CF	Spain Primera División	Spain	CAPTAIN
13	110	LM	Sané	Bayern München	Germany 1. Bundesliga	Germany	ATTACKING
14	110	CM	Rakiti?	Sevilla FC	Spain Primera División	Croatia	CAPTAIN
15	110	CDM	Allan	Everton	England Premier League	Brazil	DEFENDING
16	110	CAM	Havertz	Chelsea	England Premier League	Germany	SECONDSTRIKER
17	110	CM	Arthur	Piemonte Calcio	Italy Serie A	Brazil	CAPTAIN
18	110	CAM	Banega	Al Shabab	Saudi Pro League	Argentina	LONGSHOTS
19	110	RM	Meunier	Borussia Dortmund	Germany 1. Bundesliga	Belgium	SHOTPOWER
20	110	RM	Ferrán Torres	Manchester City	England Premier League	Spain	LONGSHOTS
21	110	CB	Godín	Cagliari	Italy Serie A	Uruguay	HOLDING
22	110	GK	Areola	Fulham	England Championship	France	NUMBER1
23	110	CB	Gabriel	Arsenal	England Premier League	Brazil	MARKING
24	110	RB	Doherty	Tottenham Hotspur	England Premier League	Republic of Ireland	MARKING
25	110	CB	Duffy	Celtic	Scotland Premiership	Republic of Ireland	MARKING

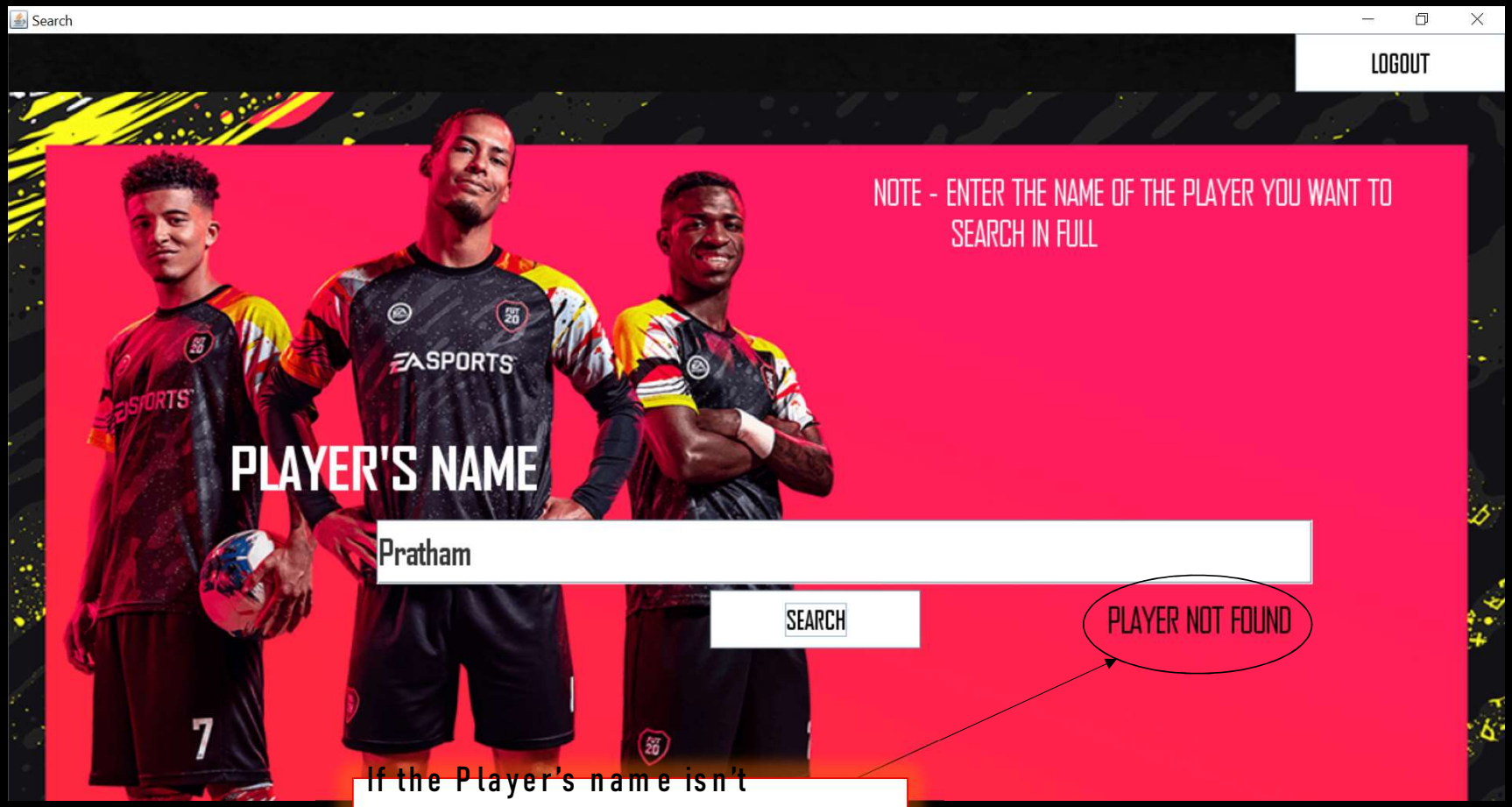
Database gets Updated after erasing the previously existing data with the data which scraped from the online website.

Search page



Log out button will logout the user from his\her account and directs the user to the

Search button will search the name from the database (Default set to



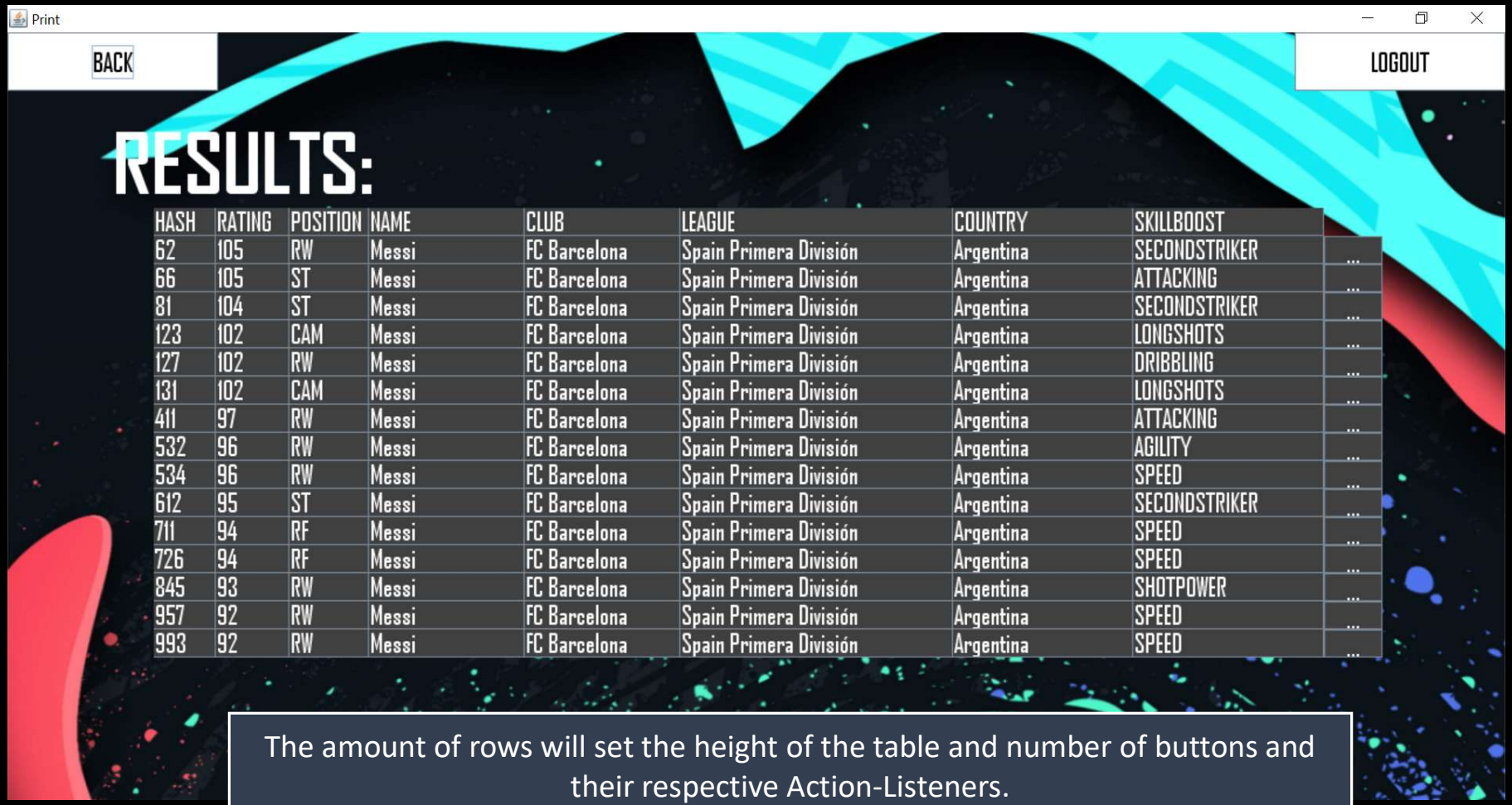
If the Player's name isn't available in the database. The user gets an alert that the player is not found

Result Page

HASH	RATING	POSITION	NAME	CLUB	LEAGUE	COUNTRY	SKILLBOOST	
45	108	CM	Vidal	Inter	Italy Serie A	Chile	BOXTOBOX	...
372	98	CAM	Vidal	FC Barcelona	Spain Primera División	Chile	COUNTER	...
490	96	CM	Vidal	FC Barcelona	Spain Primera División	Chile	CAPTAIN	...
510	96	CM	Vidal	FC Barcelona	Spain Primera División	Chile	CAPTAIN	...
3829	82	CM	Vidal	FC Barcelona	Spain Primera División	Chile	PASSING	...

These buttons directs the user to the extended statistics of the respective player

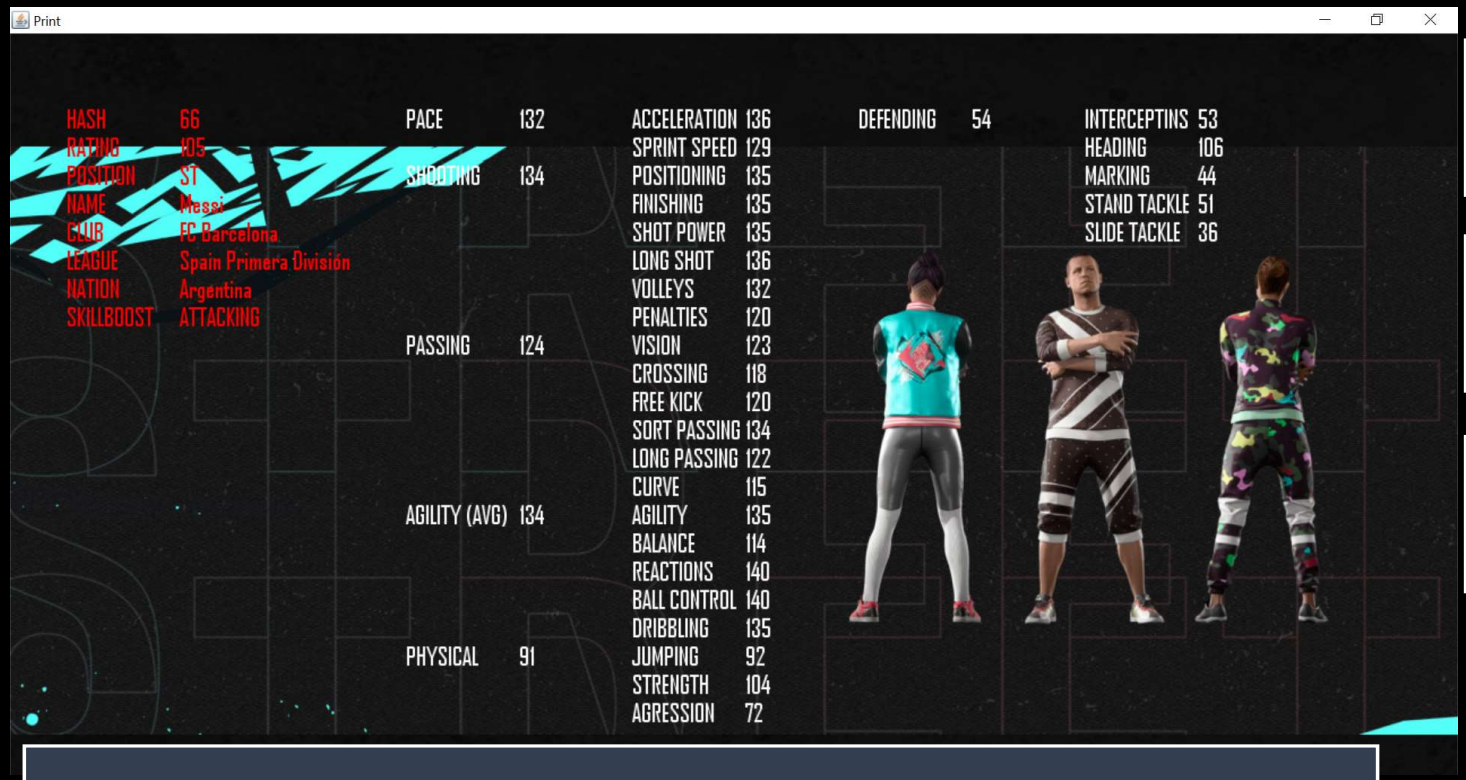
After searching the player's name "Vidal". We are displayed with the results for different versions of our player "Vidal".



HASH	RATING	POSITION	NAME	CLUB	LEAGUE	COUNTRY	SKILLBOOST	
62	105	RW	Messi	FC Barcelona	Spain Primera División	Argentina	SECONDSTRIKER	...
66	105	ST	Messi	FC Barcelona	Spain Primera División	Argentina	ATTACKING	...
81	104	ST	Messi	FC Barcelona	Spain Primera División	Argentina	SECONDSTRIKER	...
123	102	CAM	Messi	FC Barcelona	Spain Primera División	Argentina	LONGSHOTS	...
127	102	RW	Messi	FC Barcelona	Spain Primera División	Argentina	DRIBBLING	...
131	102	CAM	Messi	FC Barcelona	Spain Primera División	Argentina	LONGSHOTS	...
411	97	RW	Messi	FC Barcelona	Spain Primera División	Argentina	ATTACKING	...
532	96	RW	Messi	FC Barcelona	Spain Primera División	Argentina	AGILITY	...
534	96	RW	Messi	FC Barcelona	Spain Primera División	Argentina	SPEED	...
612	95	ST	Messi	FC Barcelona	Spain Primera División	Argentina	SECONDSTRIKER	...
711	94	RF	Messi	FC Barcelona	Spain Primera División	Argentina	SPEED	...
726	94	RF	Messi	FC Barcelona	Spain Primera División	Argentina	SPEED	...
845	93	RW	Messi	FC Barcelona	Spain Primera División	Argentina	SHOTPOWER	...
957	92	RW	Messi	FC Barcelona	Spain Primera División	Argentina	SPEED	...
993	92	RW	Messi	FC Barcelona	Spain Primera División	Argentina	SPEED	...

The amount of rows will set the height of the table and number of buttons and their respective Action-Listeners.

Extended Statistics:

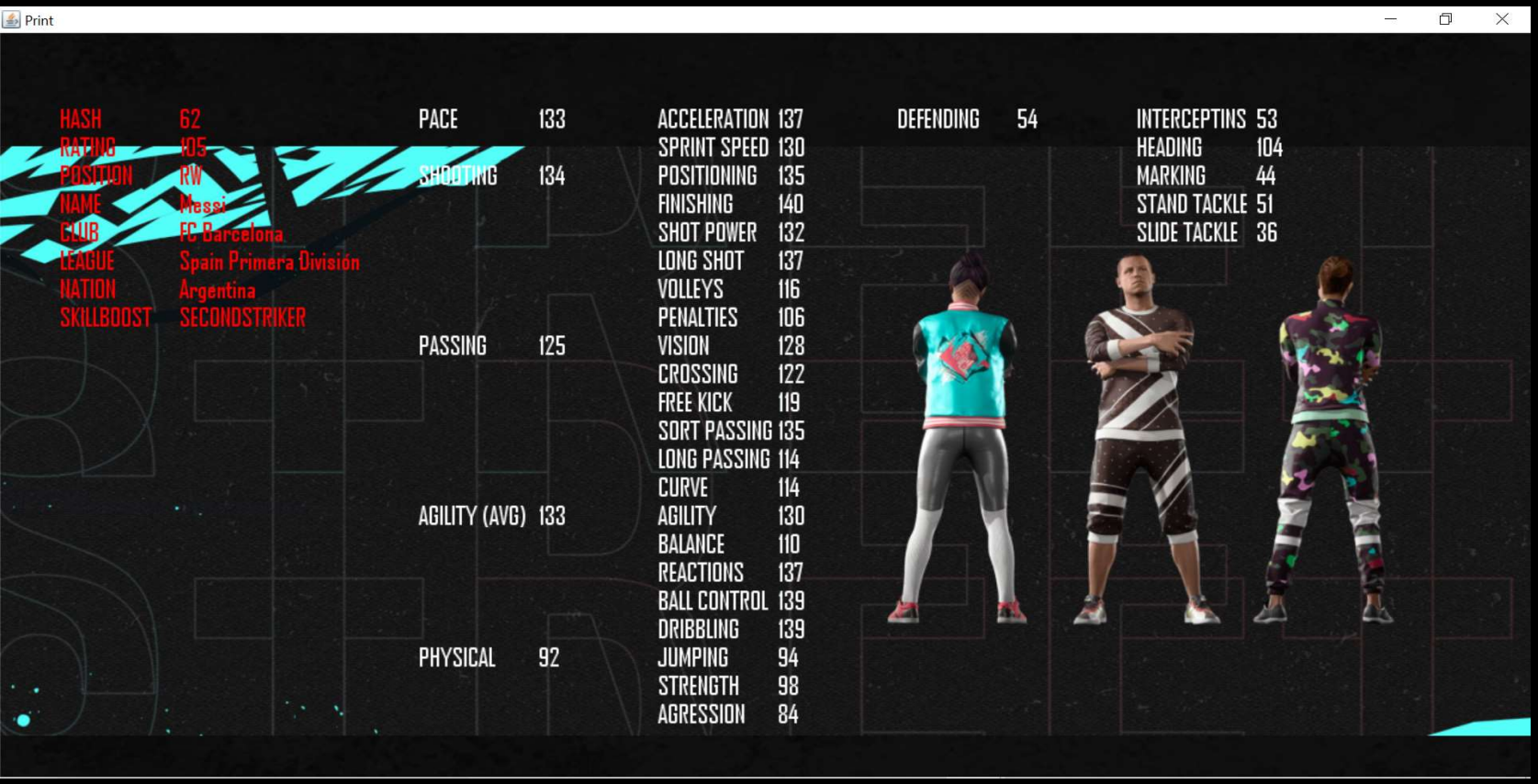


After clicking on the button with Messi's hash of 66, it will direct you to this page.

Here, We have extended or more detailed statistics of a particular player.

We have 85 component statistics of a player.

If we search for Goalkeepers, we have 40 component statistics.



The user can minimize this window and get back to the result page and the user can select different player or he\she can click back and select completely different player if it is available in the database.

Hence the user can compare statistics of different players by comparing different windows.

After clicking on the button with Messi's hash of 62, it will direct you to this page

Thank You.