IPL DATABASE MANAGEMENT SYSTEM

S.SWETHA 2018506134 IT DEPT

IPL DATABASE MANAGEMENT SYSTEM:

IPL Database management system is implemented using **HTML**, **CSS**, **PHP** and **mySQL** database is used for storage.

The Home page contains two buttons for the Admin and User section. When the admin option is selected, it redirects to the admin login page where the admin should enter name and password to proceed and view admin-homepage. The entered name and password values are checked with the values stored in the database, once the value matches it is redirected to admin-homepage. In the admin-homepage, admin can do various functions such as ADD PLAYER, SCHEDULE, STADIUM and even DELETE PLAYER, SCHEDULE, STADIUM. This page also contains a navigation bar which has Schedule, Players, Stadium, Points table.

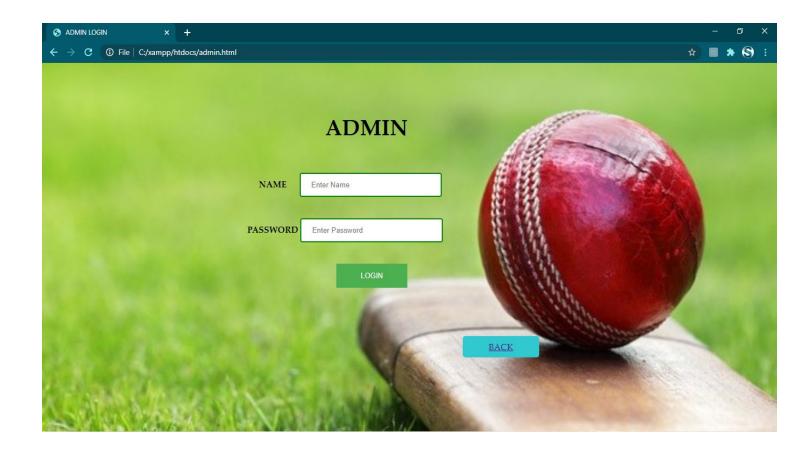
When the user option is selected, it redirects to the user-homepage and it contains a navigation bar which has Schedule, Players, Stadium, Points table. The user can also view all the Teams included in IPL and their respective captain.

HOME PAGE:

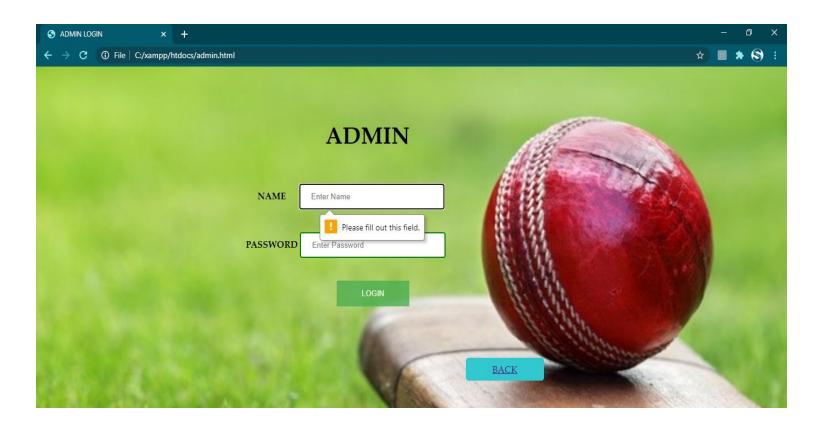


ADMIN LOGIN PAGE:

Admin login table:



When the fields are not filled, it displays a message.



When values are entered,



DATABASE TABLES:

STADIUM:

TEAM:

	_	Cups	Captain	Vice_captain	no_of_yrs
1	Chennai Super Kings	3	MS Dhoni	 Suresh Raina	10
2	Delhi Capitals	1	Shreyas Iyer	Shikhar Dhawan	12
3	Kings XI Punjab	0	KL Rahul	Karun Nair	12
4	Mumbai Indians	4	Rohit Sharma	Pollard	12
5	Rajasthan Royals	1	Steve Smith	Sanju Samson	12
6	Kolkata Knight Riders	2	Eoin Morgan	Sunil Narine	12
7	Royal Challengers Bangalore	0	Virat Kohli	AB de Villiers	12
8	Sunrises Hyderabad	1	David Warner	Bhuvneshwar Kumar	8

PLAYERS:

id	P_name	Age	Skill	Jersey_num	Nationality	Matches_played	T_id
1	MS Dhoni	39	Wicketkeeper batsman	7	Indian	200	1 1
2	Shreyas Iyer	25	Batsman	41	Indian	72	2
3	Shane Watson	39		33	Australian	144	1 1
4	Ambati Rayudu Faf Du Plessis	35	Batsman	9	Indian	155	1 1
5	Faf Du Plessis	36	All-rounder	13	South African	81	1 1
6	Kagiso Rabada	25	Bowler	25	South African	28	2
7	Shikhar Dhawan	35	Batsman	42	Indian	169	2
8	Rishabh Pant	23	Wicketkeeper batsman	17	Indian	61	2
9	KL Rahul	28	Wicketkeeper batsman	1	Indian	77	3
10	Chris Gayle	41	All-rounder	333	West Indian	128	3
11	Rohit Sharma	33	Batsman	45	Indian	197	4
12	Hardik Pandya	27	All-rounder	33	Indian	75	4
13	Jasprit Bumrah	27	Bowler	93	Indian	86	4
14	Steve Smith		All-rounder	49	Australian	91	5
15	Sanju Samson			11	Indian	103	5
16	Kartik Tvagi	19	Bowler	9	Indian	6	5
17	Eoin Morgan	34	Batsman	16	English	62	6
18	Eoin Morgan Andre Russell	32	All Rounder	12		73	6
19	Kuldeep Yadav		Bowler	23	Indian	45	6
20	Virat Kohli	31	Batsman	18	Indian	187	7
21	AB de Villiers	36	Wicketkeeper batsman	17	South African	164	7
22	Devdutt Padikkal		Batsman	37	Indian	10	7
23	David Warner	34	Batsman	31	Australian	135	8
24	Bhuvneshwar Kumar	30	Bowler	15	Indian	121	8
25	Kane Williamson	30	Batsman	22	New Zealander	48	8

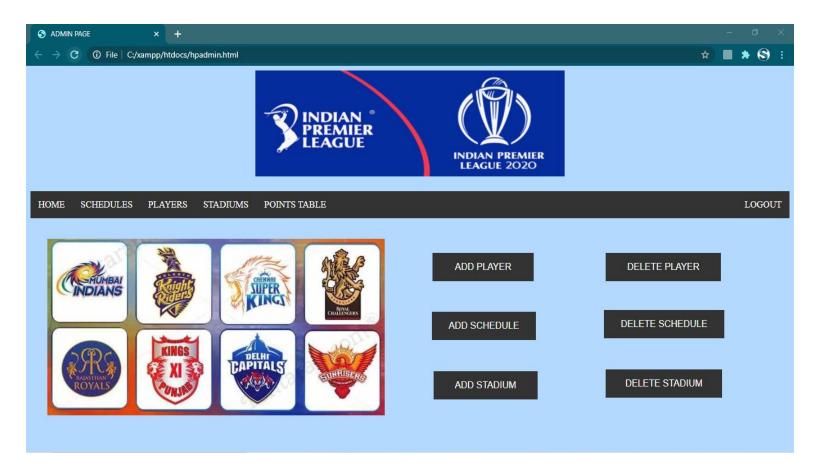
MATCH SCHEDULE:

_id	Matchdate	Team_A	Team_B	
41	23/10/2020	Chennai Super Kings	Mumbai Indians	
42	24/10/2020	Kolkata Knight Riders	Delhi Capitals	
43	24/10/2020	Kings XI Punjab	Sunrises Hyderabad	
44	25/10/2020	Royal Challengers Bangalore	Chennai Super Kings	
45	25/10/2020	Rajasthan Royals	Mumbai Indians	
46	26/10/2020	Kolkata Knight Riders	Kings XI Punjab	
47	27/10/2020	Sunrises Hyderabad	Delhi Capitals	
48	28/10/2020	Mumbai Indians	Royal Challengers Bangalore	
49	29/10/2020	Chennai Super Kings	Kolkata Knight Riders	
50	30/10/2020	Kings XI Punjab	Rajasthan Royals	
51	31/10/2020	Delhi Capitals	Mumbai Indians	
52	31/10/2020	Royal Challengers Bangalore	Sunrises Hyderabad	
53	01/11/2020	Chennai Super Kings	Kings XI Punjab	
54	01/11/2020	Kolkata Knight Riders	Rajasthan Royals	
55	02/11/2020	Delhi Capitals	Royal Challengers Bangalore	
56	03/11/2020	Sunrises Hyderabad	Mumbai Indians	

POINTS TABLE:

_id	M_tot		M_lose		NRR
2	10	7] 3	14	0.77
7	10	7	3	14	0.18
4	9	6	3	12	1.20
6	10	5	5	10	-0.83
8	10	4	6	8	0.09
3	10	4	6	8	-0.18
5	11	4	7	8	-0.62
1	10	3	7	6	-0.46

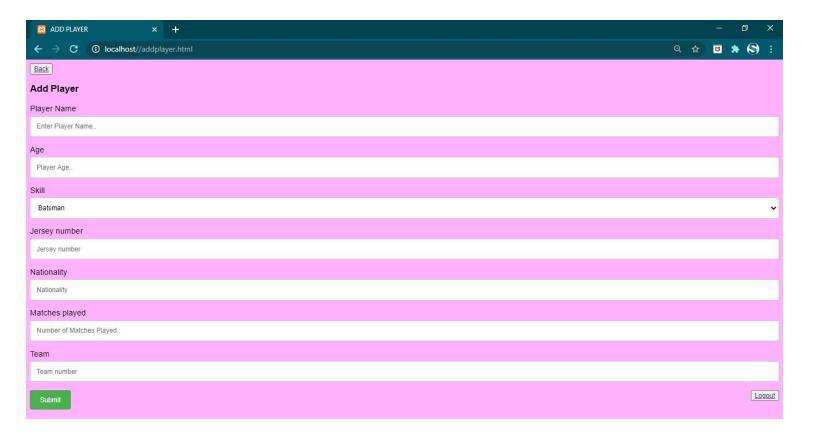
ADMIN HOME PAGE:



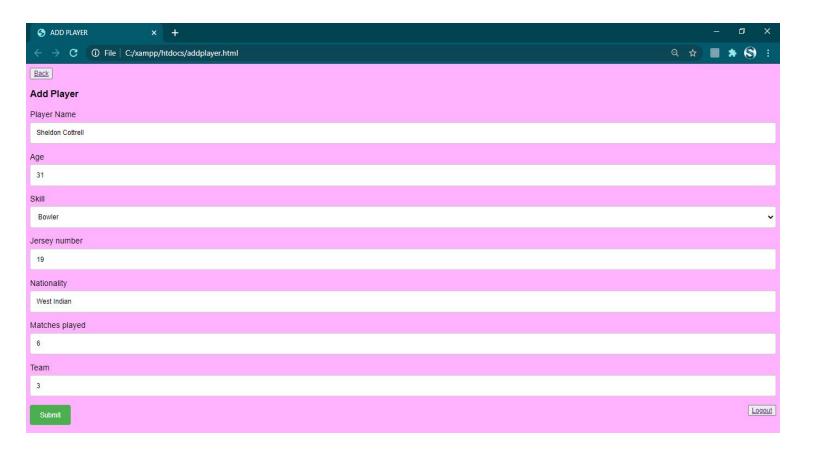
This is the admin homepage where when home is clicked it is redirected to itself and when logout is clicked it goes to the admin login page.

ADD PLAYER:

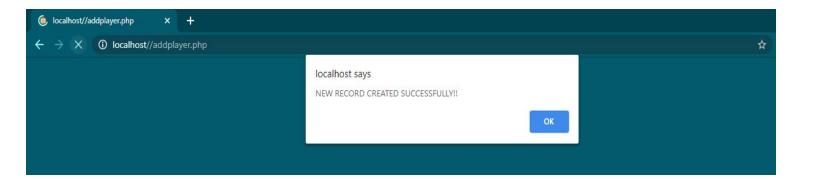
In add player html page, admin can add players.



When values are added into the fields,



When submit button is pressed, the values are added to the Players table and a message is displayed stating that the record has been added successfully.



So in the Players table, the new values are updated:

_id	P_name	Age	Skill	Jersey_num	Nationality	matches_played	T_id
1	MS Dhoni	39	Wicketkeeper batsman	7	Indian	200	1
2	Shreyas Iyer			41	Indian	72	2
3	Shane Watson	39	Batsman	33	Australian	144	1
4	Ambati Rayudu	35	Batsman	9	Indian	155	1
5	Faf Du Plessis	36	All-rounder	13	South African	81	1
6	Kagiso Rabada	25	Bowler	25	South African	28	2
7	Shikhar Dhawan	35		42	Indian	169	2
8	Rishabh Pant	23	Wicketkeeper batsman	17	Indian	61	2
9	KL Rahul	28		1	Indian	77	3
10	Chris Gayle	41		333	West Indian	128	3
11	Rohit Sharma	33	Batsman	45	Indian	197	4
12	Hardik Pandya	27	All-rounder	33	Indian	75	4
13	Jasprit Bumrah	27	Bowler	93	Indian	86	4
14	Steve Smith	31	All-rounder	49	Australian	91	5
15	Sanju Samson	25	Wicketkeeper batsman	11	Indian	103	5
16	Kartik Tyagi	19		9	Indian	6	5
17	Eoin Morgan Andre Russell	34	Batsman	16	English	62	6
18	Andre Russell	32	All Rounder	12	West Indian	73	6
19	Kuldeep Yadav	25	Bowler	23	Indian	45	6
20	Virat Kohli	31	Batsman	18	Indian	187	7
21	AB de Villiers	36	Wicketkeeper batsman	17	South African	164	7
22	Devdutt Padikkal	20	Batsman	37	Indian	10	7
23	David Warner	34	Batsman	31	Australian	135	8
24	Bhuvneshwar Kumar	30	Bowler	15	Indian	121	8
25	Kane Williamson		Batsman	22	New Zealander	48	8
26	Sheldon Cottrell	31	Bowler	19	West Indian	6	3

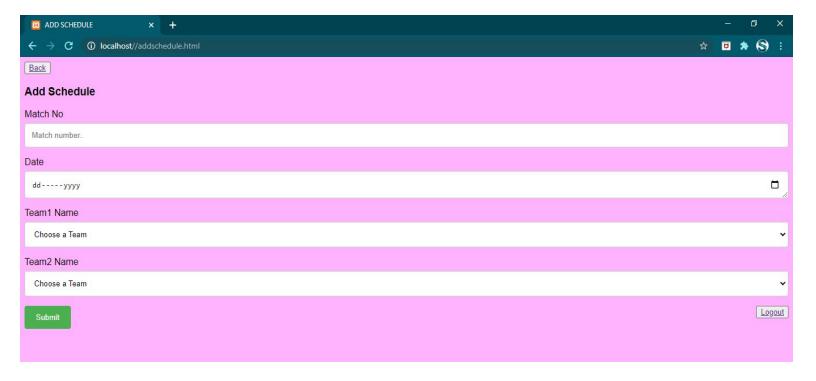
Here the new player Sheldon Cottrell is added to the database.

While entering data in add player html page if the admin misses any one of the field to enter value, then an error message is throwed.

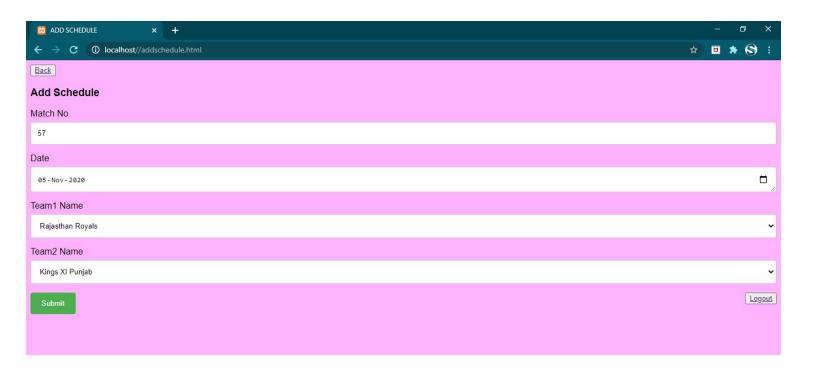


ADD SCHEDULE:

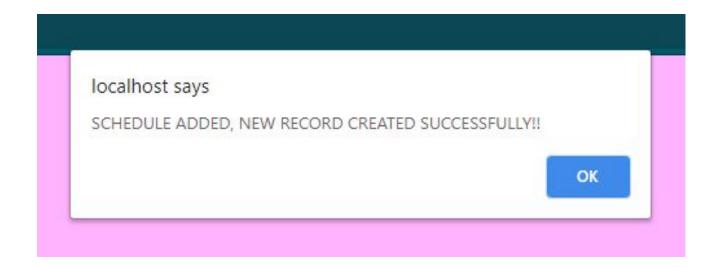
In add schedule html page, admin can add match schedules.



When correct values are entered,



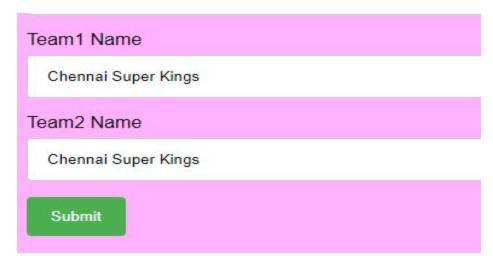
When submit button is pressed, then a message stating new schedule added will be displayed.



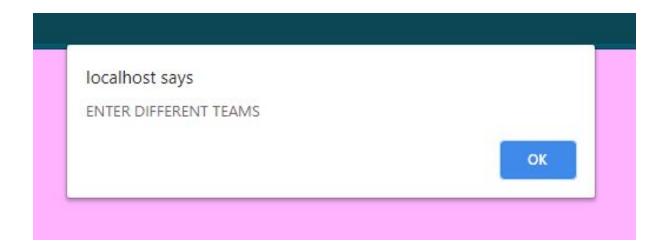
When any one of the values is missed out, then 'Enter data' message will be throwed.



When same team name is entered in both Team A and Team B such as:



An error message is thrown, because the team cannot play to itself,

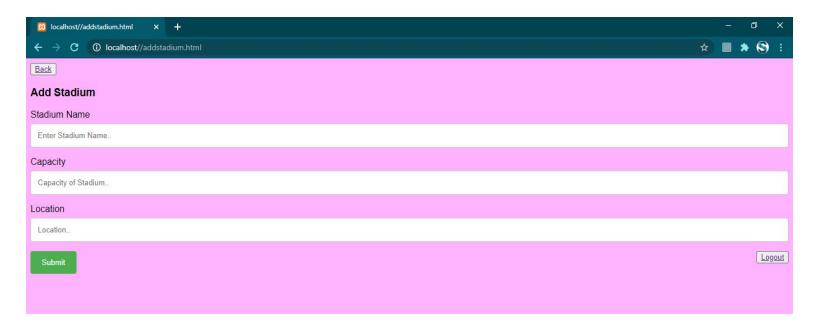


When new values are entered, it gets added to the database in the MatchSchedule table.

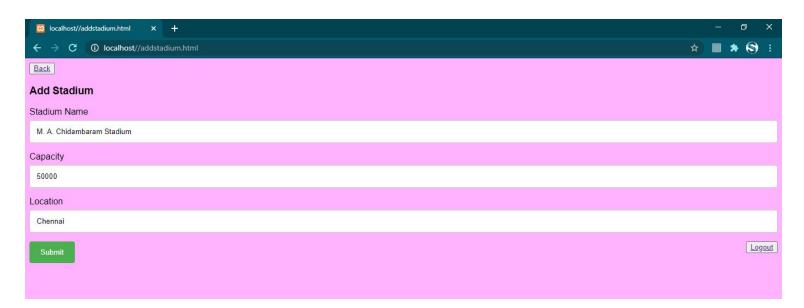
id	Matchdate	Team_A	Team_B	
41	23/10/2020	Chennai Super Kings	Mumbai Indians	
42	24/10/2020	Kolkata Knight Riders	Delhi Capitals	
43	24/10/2020	Kings XI Punjab	Sunrises Hyderabad	
44	25/10/2020	Royal Challengers Bangalore	Chennai Super Kings	
45	25/10/2020	Rajasthan Royals	Mumbai Indians	
46	26/10/2020	Kolkata Knight Riders	Kings XI Punjab	
47	27/10/2020	Sunrises Hyderabad	Delhi Capitals	
48	28/10/2020	Mumbai Indians	Royal Challengers Bangalore	
49	29/10/2020	Chennai Super Kings	Kolkata Knight Riders	
50	30/10/2020	Kings XI Punjab	Rajasthan Royals	
51	31/10/2020	Delhi Capitals	Mumbai Indians	
52	31/10/2020	Royal Challengers Bangalore	Sunrises Hyderabad	
53	01/11/2020	Chennai Super Kings	Kings XI Punjab	
54	01/11/2020	Kolkata Knight Riders	Rajasthan Royals	
55	02/11/2020	Delhi Capitals	Royal Challengers Bangalore	
56	03/11/2020		Mumbai Indians	
57	05/11/2020	Rajasthan Royals	Kings XI Punjab	

Here a new record with id 57 is added to the table.

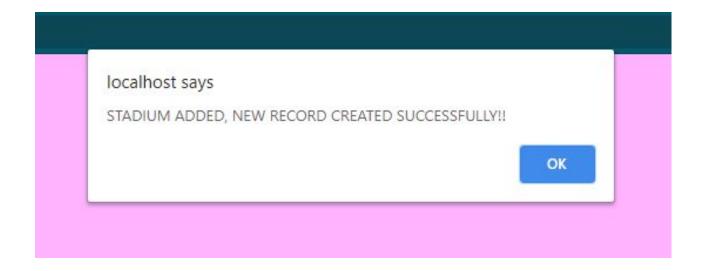
ADD STADIUM:



When values are entered,



When the submit button is clicked, the values are added and a message is displayed.



And these values are stored in the database into the Stadium table. Thus the 4th stadium is added into the database.

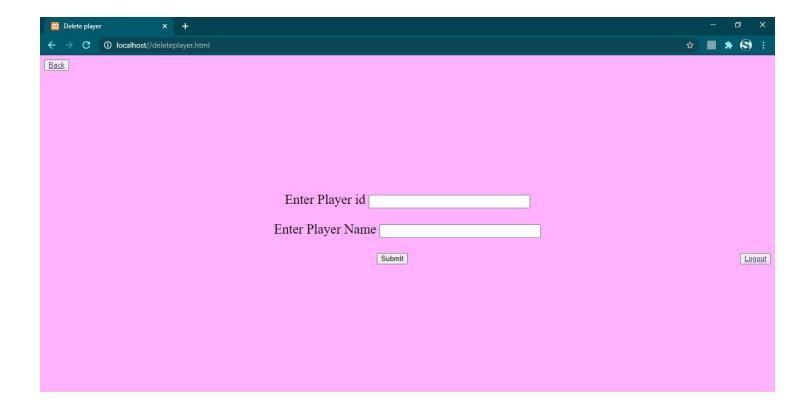
```
MariaDB [ipldb]> select * from Stadium;
                                          capacity | location
St_id | St_name
    1 | Sharjah Cricket Stadium
                                                      Sharjah, UAE
                                              17000
       Dubai International Cricket St
                                                     Dubai, UAE
                                              25000
       Sheikh Zayed Stadium
                                                      Abu Dhabi, UAE
                                              20000
    4 | M. A. Chidambaram Stadium
                                                     Chennai
                                              50000
rows in set (0.001 sec)
```

When anyone of the values is not entered, then a error message is thrown,



DELETE PLAYER:

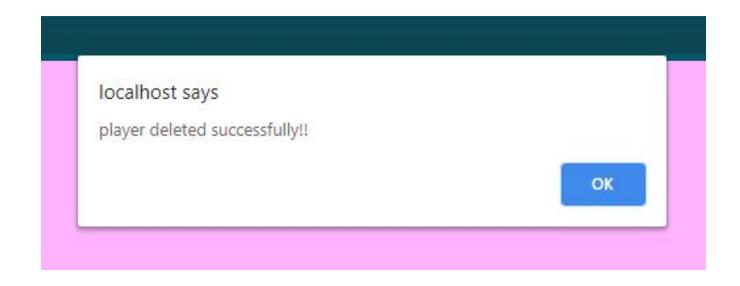
In delete player html page, admin can delete player's details by entering player's id and name.



When values are entered,



When submit button is clicked, the player is deleted from the database and a message is displayed.



Now the played Sheldon Cottrell with id as 26 is deleted,

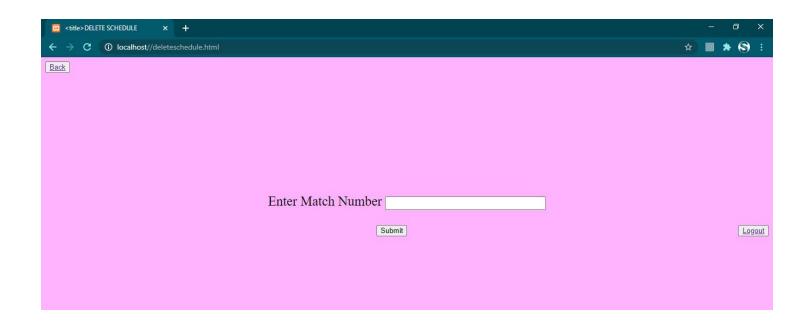
id	P_name	Age	Skill	Jersey_num	Nationality	Matches_played	T_id
1	MS Dhoni	39	Wicketkeeper batsman	7	Indian	200	1 1
2	Shreyas Iyer Shane Watson	25	Batsman	41	Indian	72	2
3	Shane Watson	39	Batsman	33	Australian	144	1 1
4	Ambati Rayudu	35	Batsman	9	Indian	155	1 1
5	Faf Du Plessis	36	All-rounder	13	South African	81	1 1
6	Kagiso Rabada Shikhar Dhawan	25	Bowler	25	South African	28	2
7	Shikhar Dhawan	35	Batsman	42	Indian	169	2
8	Rishabh Pant	23	Wicketkeeper batsman	17	Indian	61	2
9	KL Rahul	28	Wicketkeeper batsman	1	Indian	77	3
0	Chris Gayle	41	All-rounder	333	West Indian	128	3
11	Rohit Sharma		Batsman	45	Indian	197	4
2	Hardik Pandya Jasprit Bumrah	27	All-rounder	33	Indian	75	4
13	Jasprit Bumrah	27	Bowler	93	Indian	86	4
14	Steve Smith	31	All-rounder	49	Australian	91	5
15	Sanju Samson	25	Wicketkeeper batsman	11	Indian	103	5
16	Kartik Tyagi Eoin Morgan Andre Russell	19	Bowler	9	Indian	6	5
7	Eoin Morgan	34	Batsman	16	English	62	6
18	Andre Russell	32	All Rounder	12		73	6
19	Kuldeep Yadav	25	Bowler	23	Indian	45	6
20	Virat Kohli	31	Batsman	18	Indian	187	7
21	AB de Villiers	36	Wicketkeeper batsman	17	South African	164	7
22	Devdutt Padikkal	20	Batsman	37	Indian	10	7
23	David Warner	34	Batsman	31	Australian	135	8
4	Bhuvneshwar Kumar	30	Bowler	15	Indian	121	8
25	Kane Williamson		Batsman	22	New Zealander	48	8

When data is not entered, then an error message is throwed,



DELETE SCHEDULE:

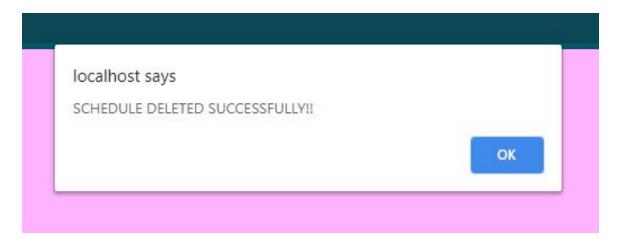
In delete schedule html page, admin can delete match schedule details by entering match id.



When match number is entered, the details of that match gets deleted,



When submit is pressed,

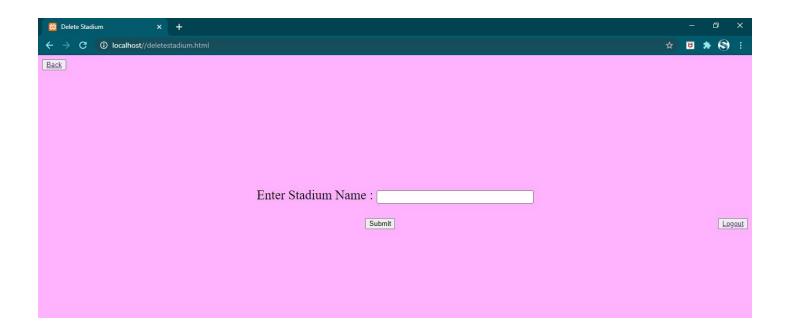


Schedule 57 gets deleted in the table,

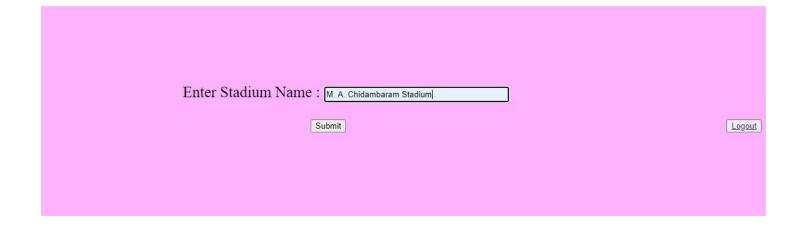
_id	Matchdate	Team_A	Team_B	!
41	23/10/2020	Chennai Super Kings	Mumbai Indians	
42	24/10/2020	Kolkata Knight Riders	Delhi Capitals	l
43	24/10/2020	Kings XI Punjab	Sunrises Hyderabad	l
44	25/10/2020	Royal Challengers Bangalore	Chennai Super Kings	l
45	25/10/2020	Rajasthan Royals	Mumbai Indians	l
46	26/10/2020	Kolkata Knight Riders	Kings XI Punjab	l
47	27/10/2020	Sunrises Hyderabad	Delhi Capitals	l
48	28/10/2020	Mumbai Indians	Royal Challengers Bangalore	l
49	29/10/2020	Chennai Super Kings	Kolkata Knight Riders	l
50	30/10/2020	Kings XI Punjab	Rajasthan Royals	l
51	31/10/2020	Delhi Capitals	Mumbai Indians	l
52	31/10/2020	Royal Challengers Bangalore	Sunrises Hyderabad	l
53	01/11/2020	Chennai Super Kings	Kings XI Punjab	
54	01/11/2020	Kolkata Knight Riders	Rajasthan Royals	
55	02/11/2020	Delhi Capitals	Royal Challengers Bangalore	
56	03/11/2020	Sunrises Hyderabad	Mumbai Indians	

DELETE STADIUM:

In the delete stadium html page, admin can delete stadium details by entering stadium name.



When stadium name is specified,



When submit button is pressed, stadium values get deleted,



The stadium details is deleted from the database,

Hence M A Chidambaram Stadium is deleted.

Now when admin clicks the navigation bar buttons, admin can see the respective details.

HOME SCHEDULES PLAYERS STADIUMS POINTS TABLE LOGOUT

SCHEDULES:

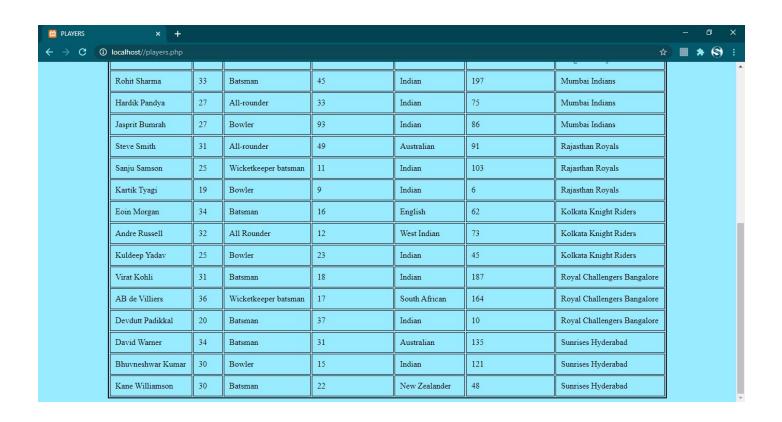
Displays all the match schedules.

Match Number	Date	Teaml	Team2
41	23/10/2020	Chennai Super Kings	Mumbai Indians
42	24/10/2020	Kolkata Knight Riders	Delhi Capitals
43	24/10/2020	Kings XI Punjab	Sunrises Hyderabad
44	25/10/2020	Royal Challengers Bangalore	Chennai Super Kings
45	25/10/2020	Rajasthan Royals	Mumbai Indians
46	26/10/2020	Kolkata Knight Riders	Kings XI Punjab
47	27/10/2020	Sunrises Hyderabad	Delhi Capitals
48	28/10/2020	Mumbai Indians	Royal Challengers Bangalore
49	29/10/2020	Chennai Super Kings	Kolkata Knight Riders
50	30/10/2020	Kings XI Punjab	Rajasthan Royals
51	31/10/2020	Delhi Capitals	Mumbai Indians
52	31/10/2020	Royal Challengers Bangalore	Sunrises Hyderabad
53	01/11/2020	Chennai Super Kings	Kings XI Punjab
54	01/11/2020	Kolkata Knight Riders	Rajasthan Royals
55	02/11/2020	Delhi Capitals	Royal Challengers Bangalore
56	03/11/2020	Sunrises Hyderabad	Mumbai Indians

PLAYERS:

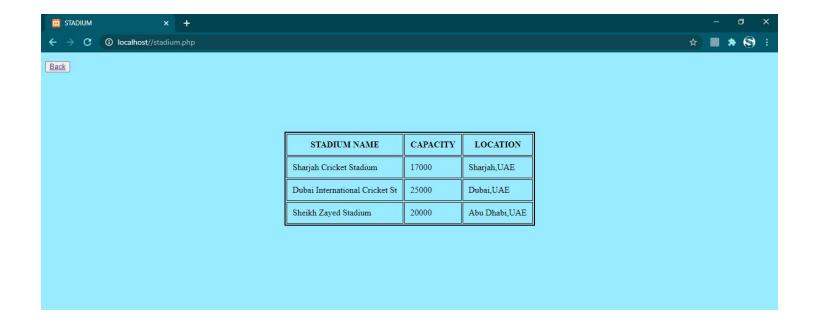
Displays all the Players list.

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localhost//players.php						ረ	
	1					The same	1
PLAYER NAME	AGE	SKILL	JERSEY NUMBER	NATIONALITY	MATCHES PLAYED	TEAM	
MS Dhoni	39	Wicketkeeper batsman	7	Indian	200	Chennai Super Kings	
Shane Watson	39	Batsman	33	Australian	144	Chennai Super Kings	
Ambati Rayudu	35	Batsman	9	Indian	155	Chennai Super Kings	
Faf Du Plessis	36	All-rounder	13	South African	81	Chennai Super Kings	
Shreyas Iyer	25	Batsman	41	Indian	72	Delhi Capitals	
Kagiso Rabada	25	Bowler	25	South African	28	Delhi Capitals	
Shikhar Dhawan	35	Batsman	42	Indian	169	Delhi Capitals	
Rishabh Pant	23	Wicketkeeper batsman	17	Indian	61	Delhi Capitals	
KL Rahul	28	Wicketkeeper batsman	1	Indian	77	Kings XI Punjab	
Chris Gayle	41	All-rounder	333	West Indian	128	Kings XI Punjab	
Sheldon Cottrell	31	Bowler	19	West Indian	6	Kings XI Punjab	
Rohit Sharma	33	Batsman	45	Indian	197	Mumbai Indians	



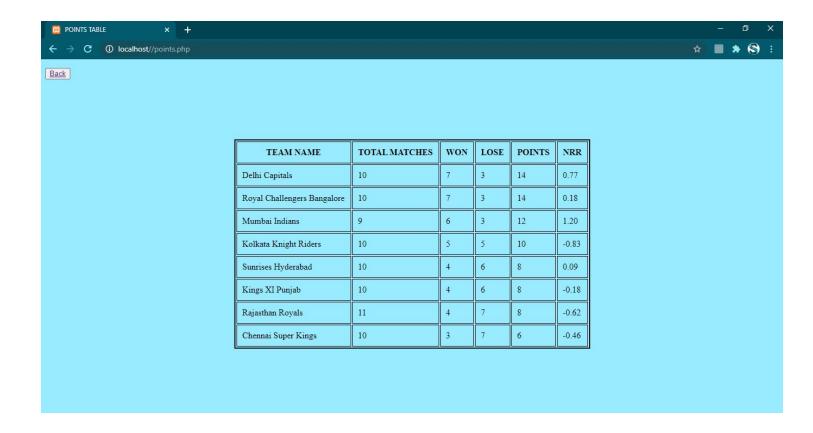
STADIUM:

Displays all the Stadium list.



POINTS TABLE:

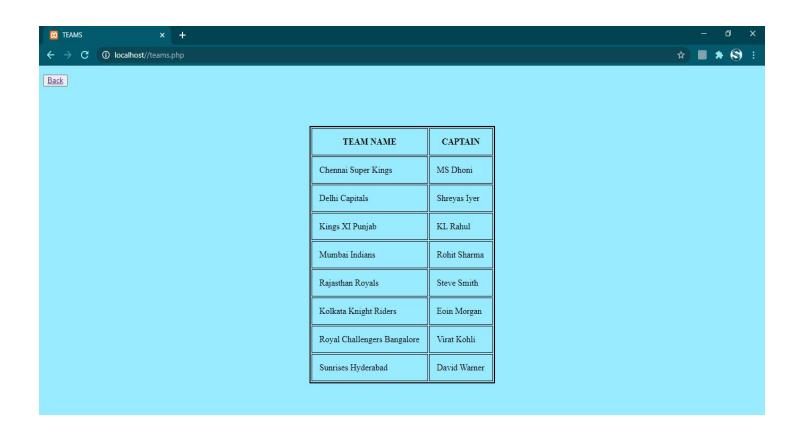
Displays the points table.



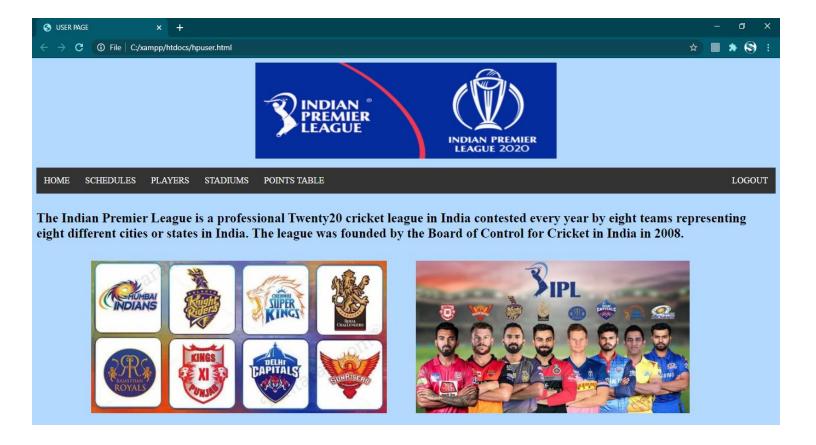
In the admin home page, when clicked on the Teams image, it gets redirected to the teams page where all the teams details are displayed.



Teams image

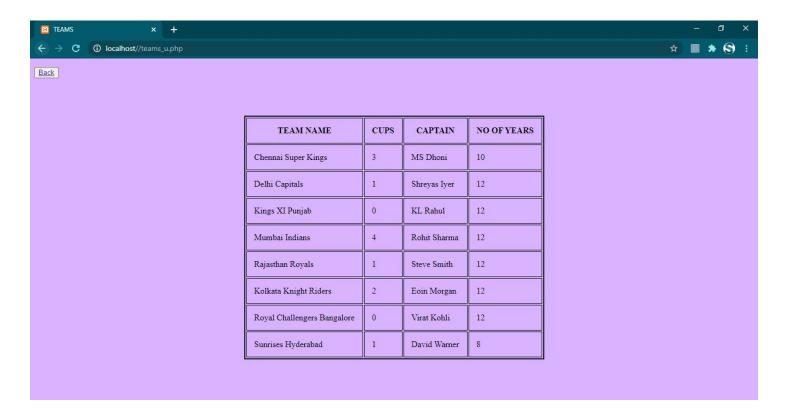


USER HOMEPAGE:



This is the user homepage where when home is clicked it is redirected to itself and when logout is clicked it goes to the homepage.

When clicked on the Teams image, Teams details are displayed,



When the IPL Captain's image is clicked, it redirected to the Team-Captain page where Team and their Captains are displayed.



SCHEDULES:

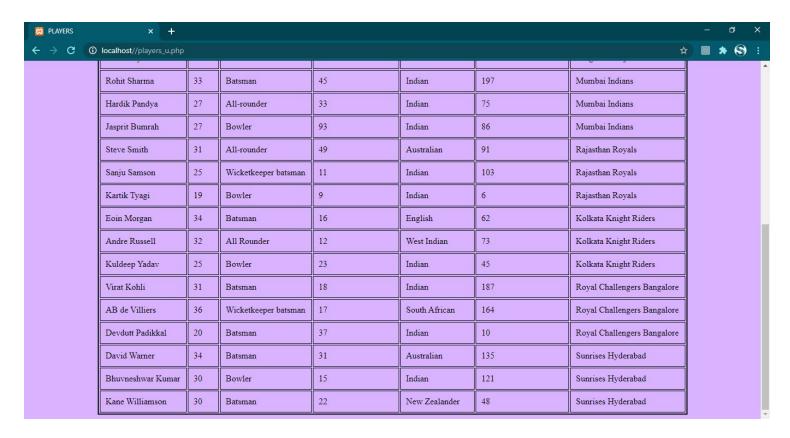
Displays all the match schedules.

SCHEDULES × +					- 0
O localhost//schedule_u.php					Q 🖈 🔳 🖈 🔇
	Match Number	Date	Teaml	Team2	
	41	23/10/2020	Chennai Super Kings	Mumbai Indians	
	42	24/10/2020	Kolkata Knight Riders	Delhi Capitals	
	43	24/10/2020	Kings XI Punjab	Sunrises Hyderabad	
	44	25/10/2020	Royal Challengers Bangalore	Chennai Super Kings	
	45	25/10/2020	Rajasthan Royals	Mumbai Indians	
	46	26/10/2020	Kolkata Knight Riders	Kings XI Punjab	
	47	27/10/2020	Sunrises Hyderabad	Delhi Capitals	
	48	28/10/2020	Mumbai Indians	Royal Challengers Bangalore	
	49	29/10/2020	Chennai Super Kings	Kolkata Knight Riders	
	50	30/10/2020	Kings XI Punjab	Rajasthan Royals	
	51	31/10/2020	Delhi Capitals	Mumbai Indians	
	52	31/10/2020	Royal Challengers Bangalore	Sunrises Hyderabad	
	53	01/11/2020	Chennai Super Kings	Kings XI Punjab	
	54	01/11/2020	Kolkata Knight Riders	Rajasthan Royals	
	55	02/11/2020	Delhi Capitals	Royal Challengers Bangalore	
	56	03/11/2020	Sunrises Hyderabad	Mumbai Indians	

PLAYERS:

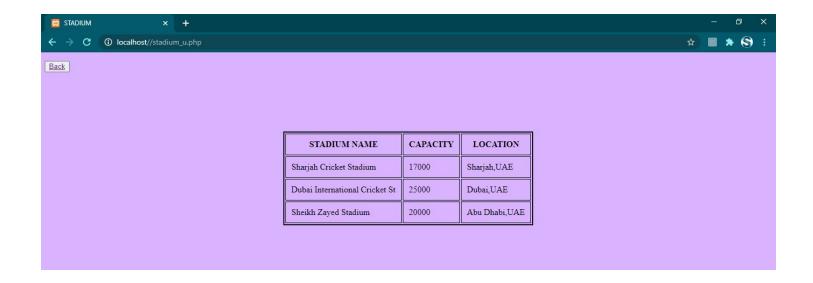
Displays all the Players list.

× +						
localhost//players_u.php						4
PLAYER NAME	AGE	SKILL	JERSEY NUMBER	NATIONALITY	MATCHES PLAYED	TEAM
MS Dhoni	39	Wicketkeeper batsman	7	Indian	200	Chennai Super Kings
Shane Watson	39	Batsman	33	Australian	144	Chennai Super Kings
Ambati Rayudu	35	Batsman	9	Indian	155	Chennai Super Kings
Faf Du Plessis	36	All-rounder	13	South African	81	Chennai Super Kings
Shreyas Iyer	25	Batsman	41	Indian	72	Delhi Capitals
Kagiso Rabada	25	Bowler	25	South African	28	Delhi Capitals
Shikhar Dhawan	35	Batsman	42	Indian	169	Delhi Capitals
Rishabh Pant	23	Wicketkeeper batsman	17	Indian	61	Delhi Capitals
KL Rahul	28	Wicketkeeper batsman	1	Indian	77	Kings XI Punjab
Chris Gayle	41	All-rounder	333	West Indian	128	Kings XI Punjab
Rohit Sharma	33	Batsman	45	Indian	197	Mumbai Indians
Hardik Pandya	27	All-rounder	33	Indian	75	Mumbai Indians



STADIUM:

Displays all the Stadium list.



POINTS TABLE:

Displays the points table.

