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ID: 29354

Project Name: Hang7e

Create table SQL:

```
CREATE TABLE game (  
gid int(1) NOT NULL AUTO_INCREMENT,  
gname char(20) NOT NULL,  
PRIMARY KEY (gid));
```

```
CREATE TABLE player (  
pid int(10) NOT NULL AUTO_INCREMENT,  
username char(20) UNIQUE NOT NULL,  
alias char(20) NOT NULL,  
password VARCHAR(100) NOT NULL,  
PRIMARY KEY (pid));
```

```
CREATE TABLE plays (  
pid int(10) NOT NULL,  
gid int(1) NOT NULL,  
wins int(20) NOT NULL,  
losses int(20) NOT NULL,  
points int(20) NOT NULL,  
PRIMARY KEY (pid, gid),  
FOREIGN KEY (pid) REFERENCES player(pid) ON DELETE CASCADE,  
FOREIGN KEY (gid) REFERENCES game(gid) ON DELETE CASCADE);
```

Insert into table SQL:

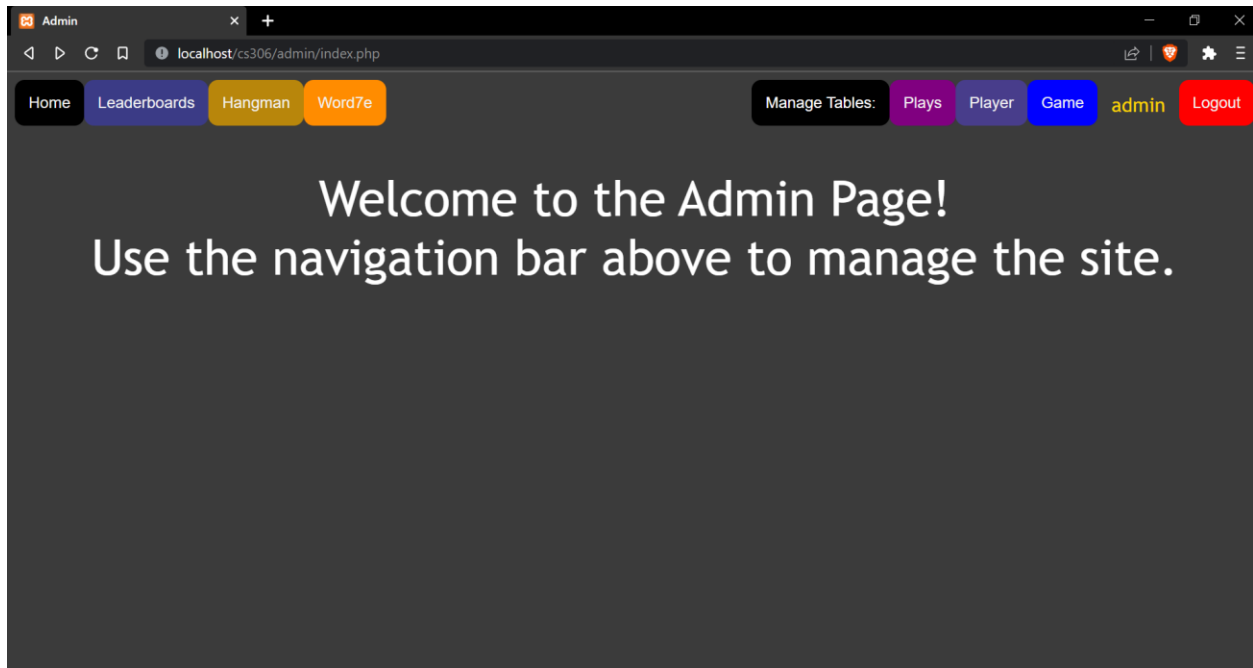
```
INSERT INTO game (gid, gname)
VALUES (1, "word7e"), (2, "hangman");
```

```
INSERT INTO player (username, alias, password) VALUES
('admin', 'admin', '$2y$10$2D3gYB/kfHBtipcXUyWnMe.d7x571kjQMmZLhpF7IW3.78Hvhd47C'),
('leomessi', 'Messi',
'$2y$10$m90UMJS621iCuZfrqbK6YubldZ.bZls0ixwTDn.wtK5FpZ0BrddpS'),
('cristianoronaldo', 'CR7',
'$2y$10$vdmv1WNku4lPBXlIp91QQ.9A4XpZo/QKkH2oUrLvUENShJcWgd1ue'),
('zlatanibrahimovic', 'Ibra',
'$2y$10$EILZPJ7MWnDcB5tw26KCLeEXfH4iDNmUhy5GpI75FxiHJdOaAHHIy'),
('kylianmbappe', 'Mbappe',
'$2y$10$eoxYa8pUrkoAWYka07KXg.h4TZTMoAE00bgaqqNDFnl8cquLCcsCq'),
('garethbale', 'Bale',
'$2y$10$8ydpOYnyX1AtXHcYdZgM0uIfTI/jwg8oUX8I3hp4JyPf0nUvybVYi');
```

```
INSERT INTO plays (pid, gid, wins, losses, points) VALUES
(6, 1, 11, 1, 1500), (2, 1, 10, 2, 1400), (3, 1, 9, 3, 1300), (4, 1, 3, 1, 1100), (5,
1, 5, 1, 1200),
(2, 2, 11, 1, 1500), (5, 2, 10, 2, 1400), (6, 2, 9, 3, 1300), (4, 2, 3, 1, 1100), (3,
2, 6, 2, 1200);
```

Admin Homepage

Accessed by entering username: admin, password: 123



Game Table (No Inserts or Deletes due to the nature of the project)



Players Table

Player

Game

localhost/cs306/admin/player/index.php

Player Table

PLAYER ID	USERNAME	ALIAS
2	leomessi	Messi
3	cristianoronaldo	CR7
4	zlatanibrahimovic	Ibra
5	kylianmbappe	Mbappe
6	garethbale	Bale
7	cs306	DBMSystems

Home

Insert Players

Username:
michaeljordan

Password:
temp

Alias:
MJ

Insert

Delete Players

Player ID:
2

Delete

Update Players

Player ID:
7

Username:
CS306

Password:
cs306

Alias:
DMBS

Update

Plays Table

Plays

localhost/cs306/admin/plays/index.php

Plays Relation Table

PID	GID	WINS	LOSSES	POINTS
2	1	10	2	1400
2	2	11	1	1500
3	1	9	3	1300
3	2	6	2	1200
4	1	3	1	1100
4	2	3	1	1100
5	1	5	1	1200
5	2	10	2	1400
6	1	11	1	1500
6	2	9	3	1300

Home

Insert into Plays Relation

Player ID:
7

Game ID:
1

Wins:
100

Losses:
0

Points:
2000

Insert

Delete From Plays Relation

Player ID:
2

Game ID:
1

Delete

Update Existing Plays Relation

Player ID:
2

Game ID:
1

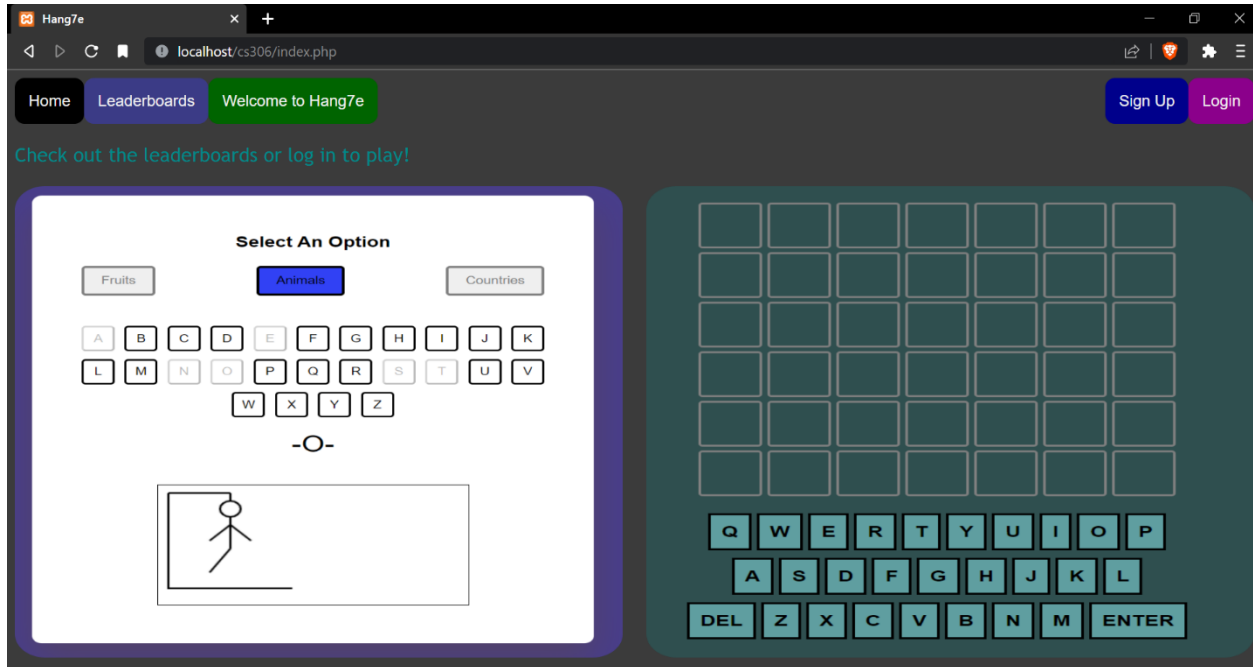
Wins:
15

Losses:
5

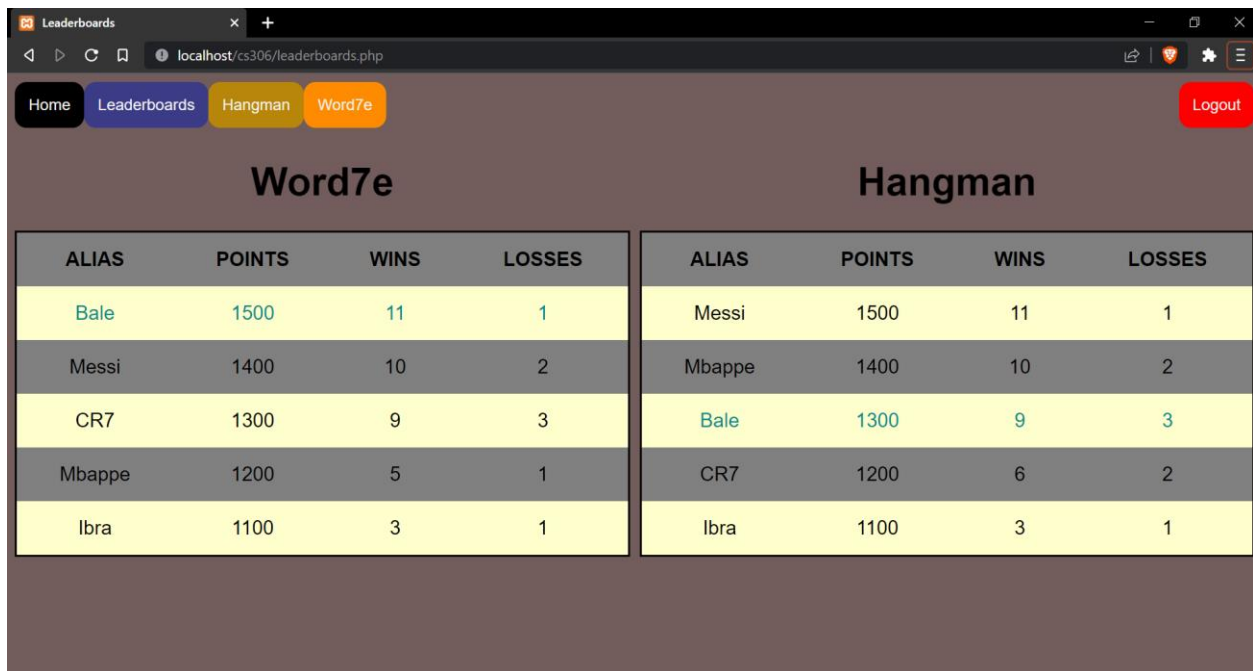
Points:
2000

Update

Main Page



Leaderboards Page

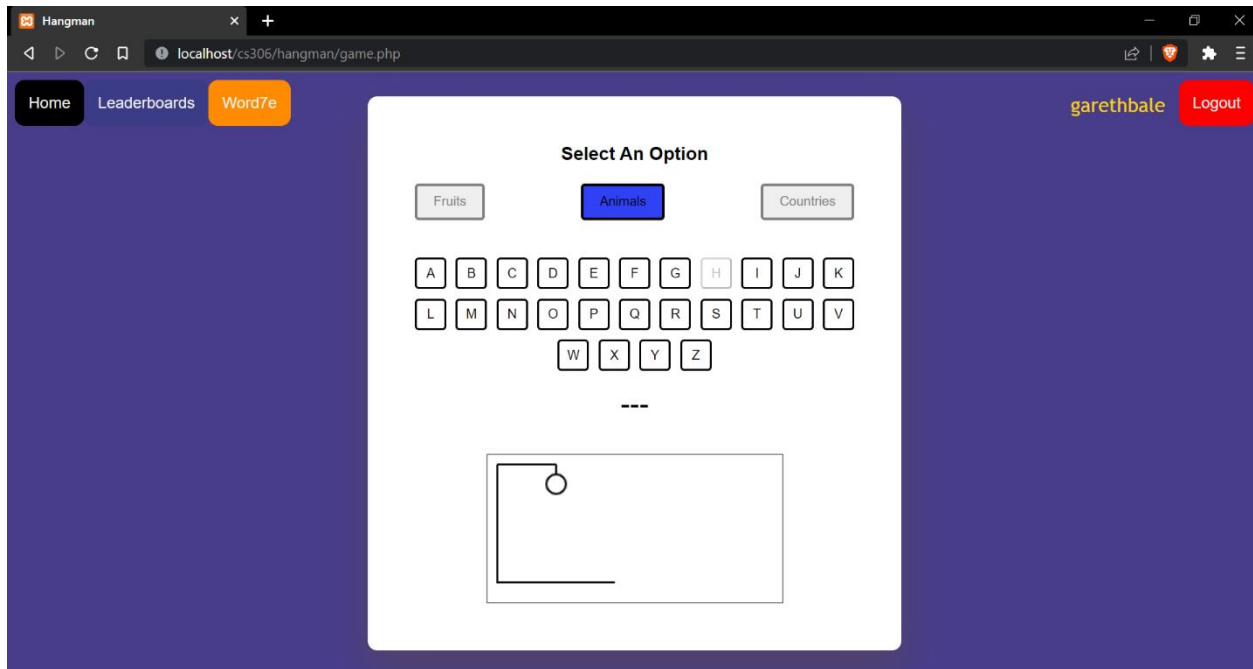


The screenshot shows the leaderboards page of the Hang7e application. The browser address bar displays 'localhost/cs306/leaderboards.php'. The navigation bar includes 'Home', 'Leaderboards', 'Hangman', and 'Word7e' buttons, along with a 'Logout' button. The page is divided into two columns: 'Word7e' and 'Hangman'. Each column contains a table of player statistics.

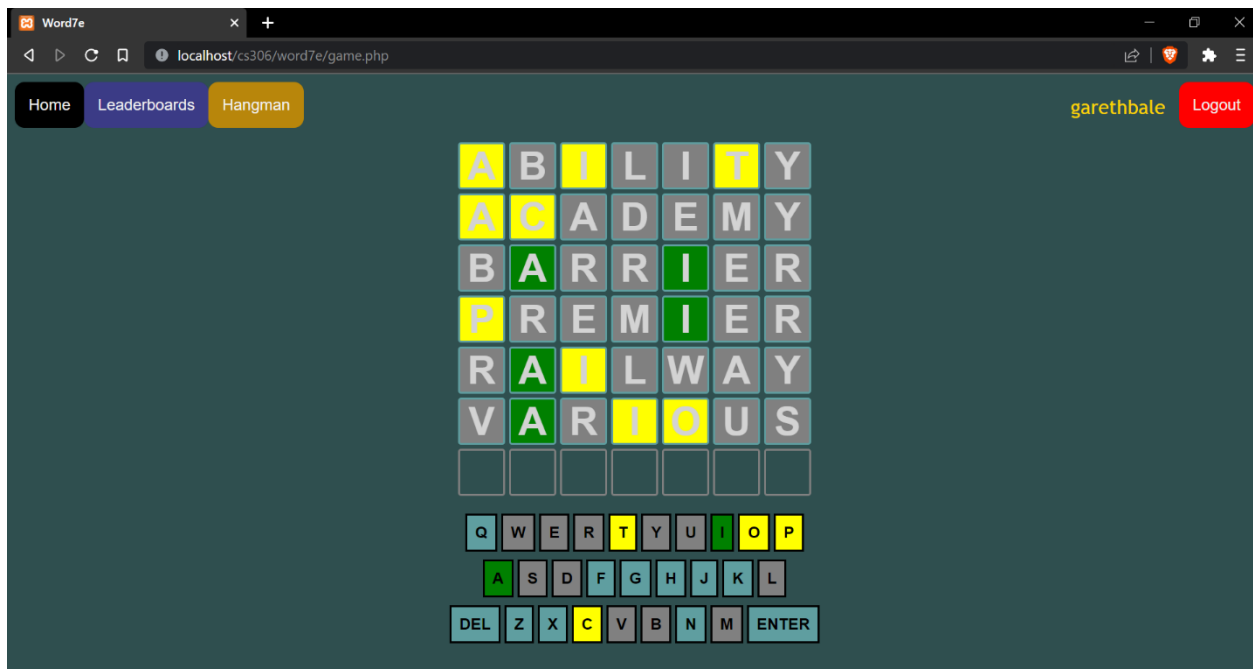
ALIAS	POINTS	WINS	LOSSES
Bale	1500	11	1
Messi	1400	10	2
CR7	1300	9	3
Mbappe	1200	5	1
Ibra	1100	3	1

ALIAS	POINTS	WINS	LOSSES
Messi	1500	11	1
Mbappe	1400	10	2
Bale	1300	9	3
CR7	1200	6	2
Ibra	1100	3	1

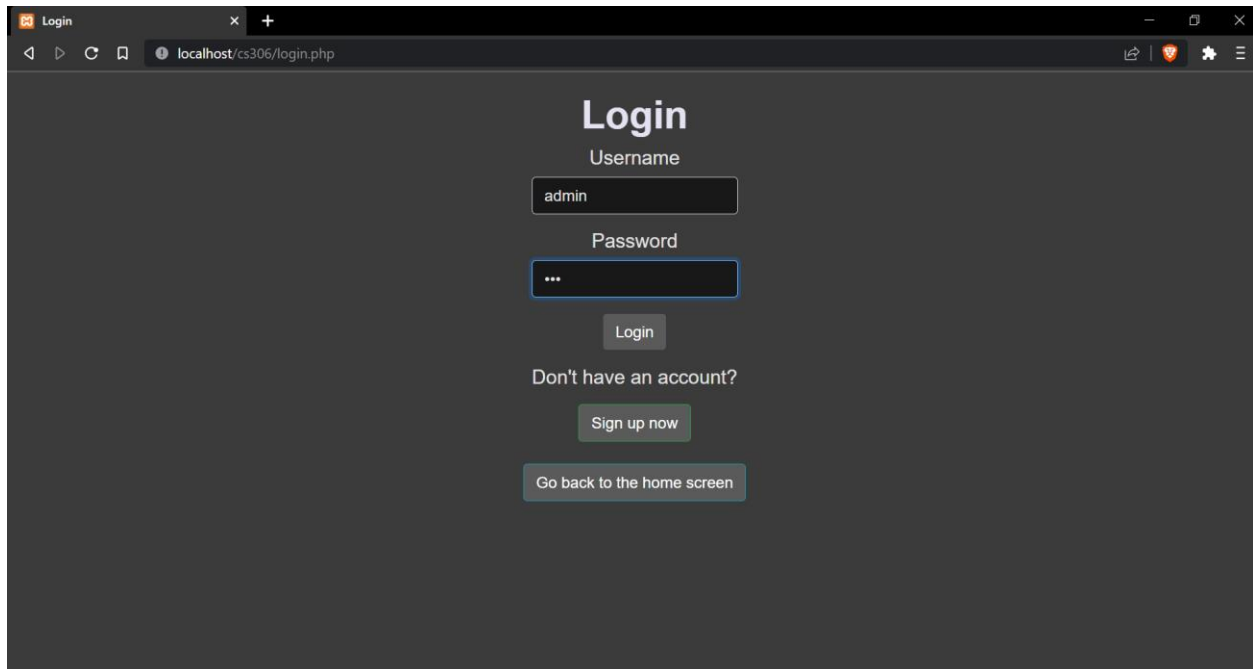
Hangman Page



Word7e Page



Login Page



Login

Username

admin

Password

...

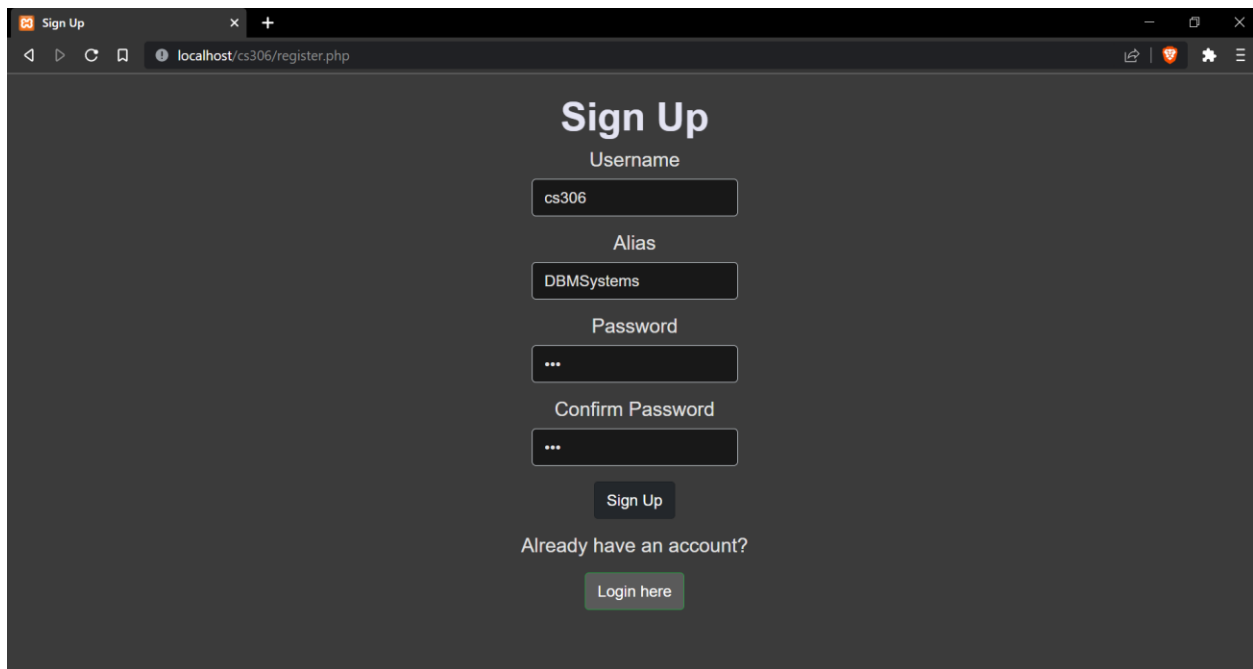
Login

Don't have an account?

Sign up now

Go back to the home screen

Registration Page



Sign Up

Username

cs306

Alias

DBMSystems

Password

...

Confirm Password

...

Sign Up

Already have an account?

Login here

Changes:

- Removed Attributes from Hangman and Word7e as they were making the process more complicated than it needed to be.
- Properly implemented primary and foreign keys, added proper domain constraints.

To Do:

- Could not finish the filtering part, will be done by the next part along with the Firebase support page.

Filters that will be added:

- Username / Alias -> Starts with letter x
- Points / Wins / Losses -> Bigger than / Smaller than / Equal to x