Name: Akif

Surname: Işıtan

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:

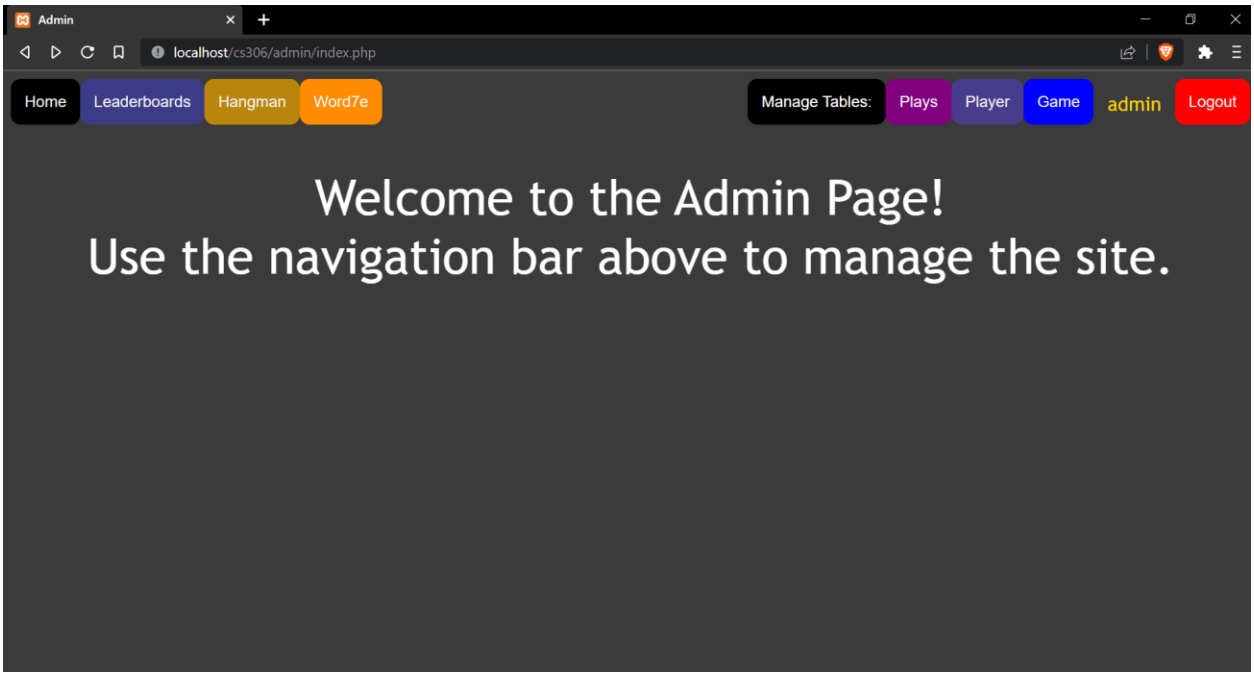
```
INSERT INTO game (gid, gname)
VALUES (1, "word7e"), (2, "hangman");


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$10$eoxYa8pUrkoAWYkaO7KXg.h4TZTMoAE0ObgaqqNDFnl8cquLCcsCq'),
('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);
```

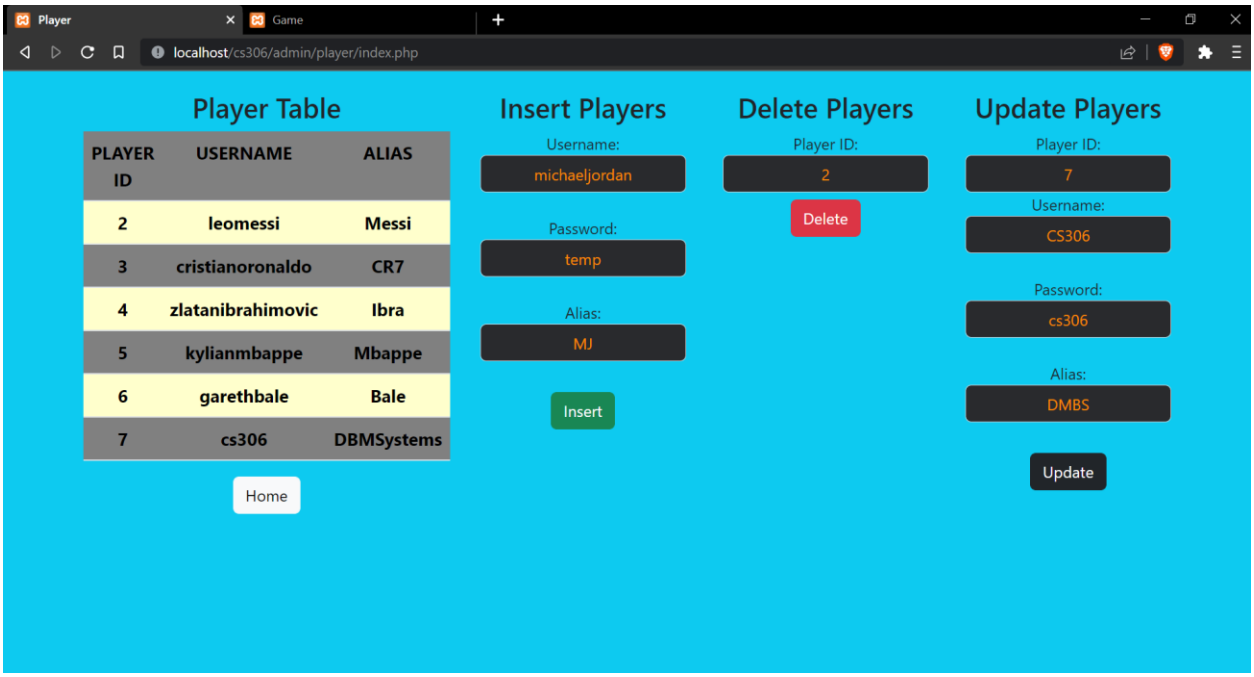
Admin Homepage

Accessed by entering username: admin, password: 123

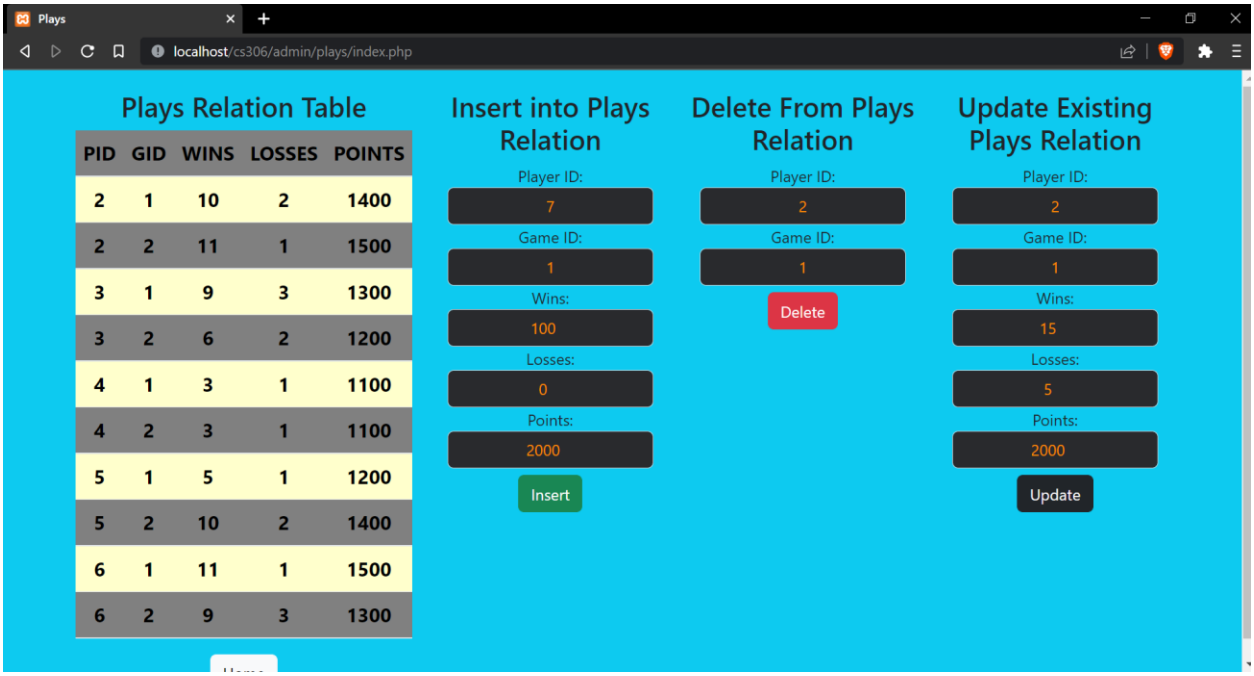


Game Table (No Inserts or Deletes due to the nature of the project)

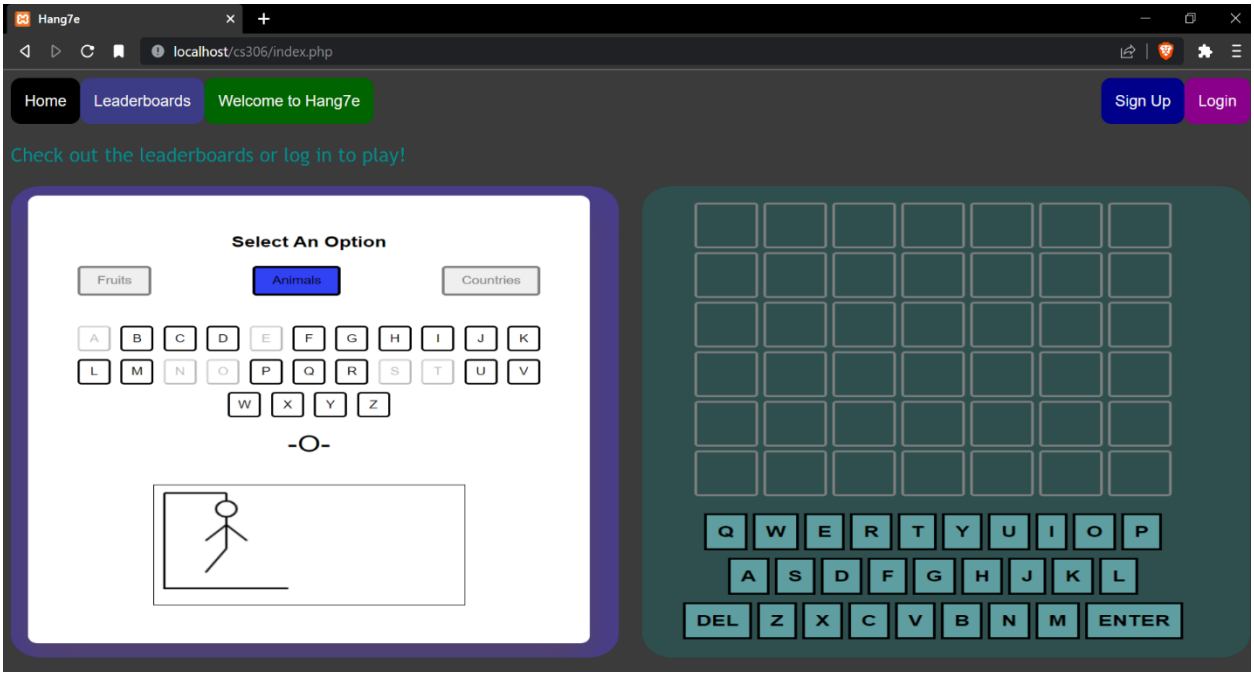
Players Table



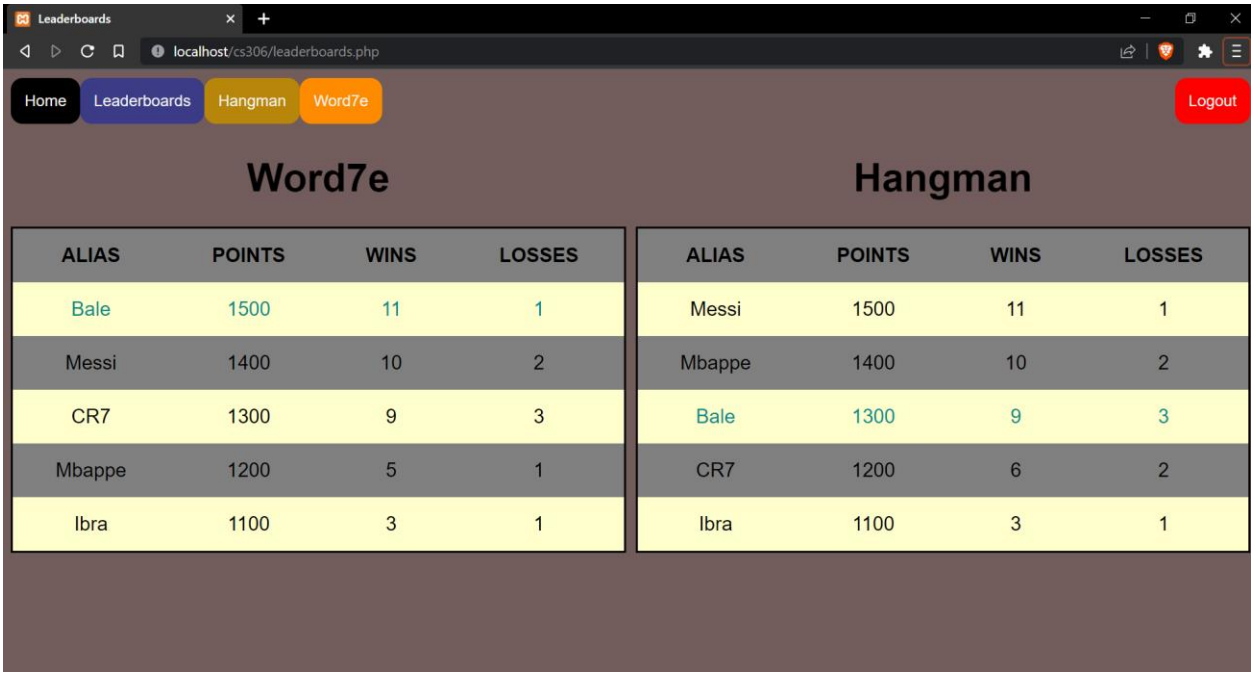
Plays Table



Main Page



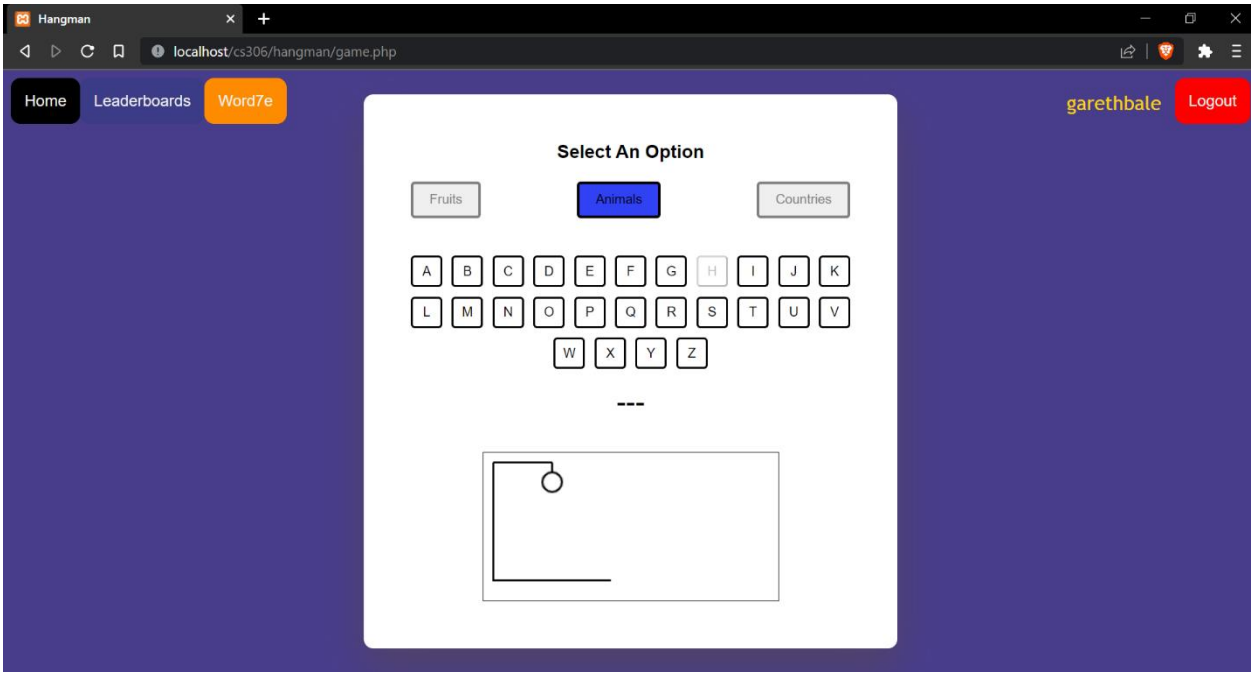
Leaderboards Page



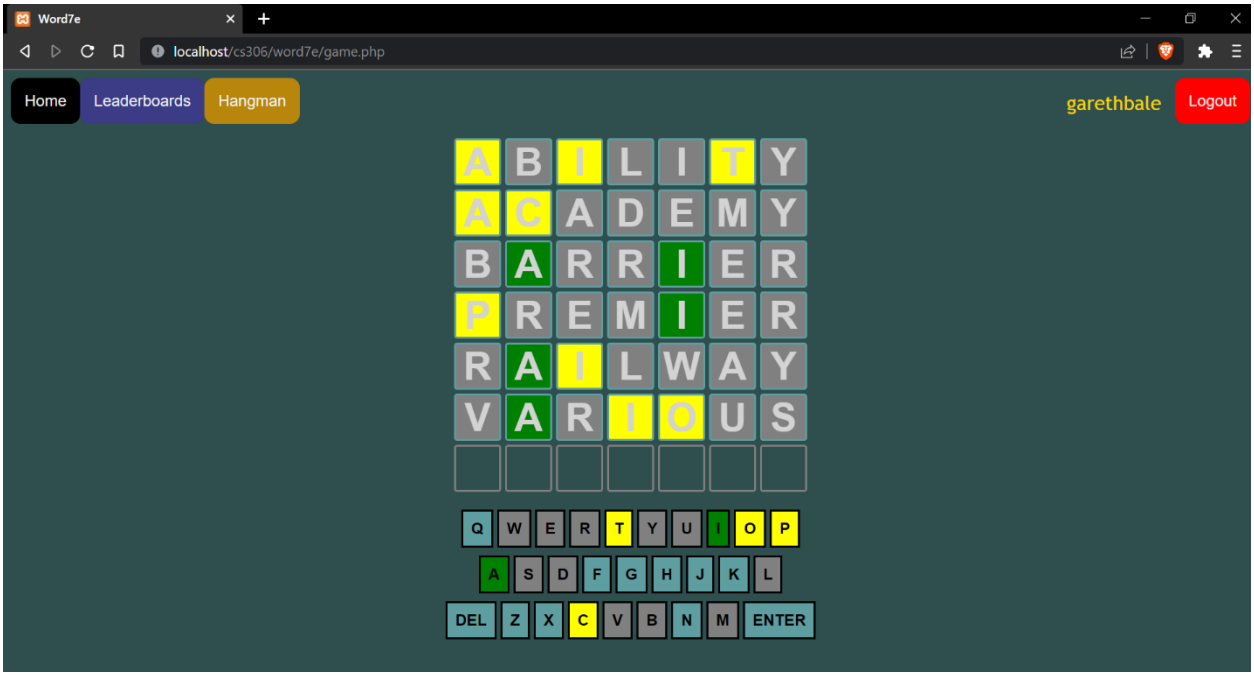
ALIAS	POINTS	WINS	LOSSES
Bale	1500	11	1
Messi	1400	10	2
CR7	1300	9	3
Mbappe	1200	5	1
Ibra	1100	3	1

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

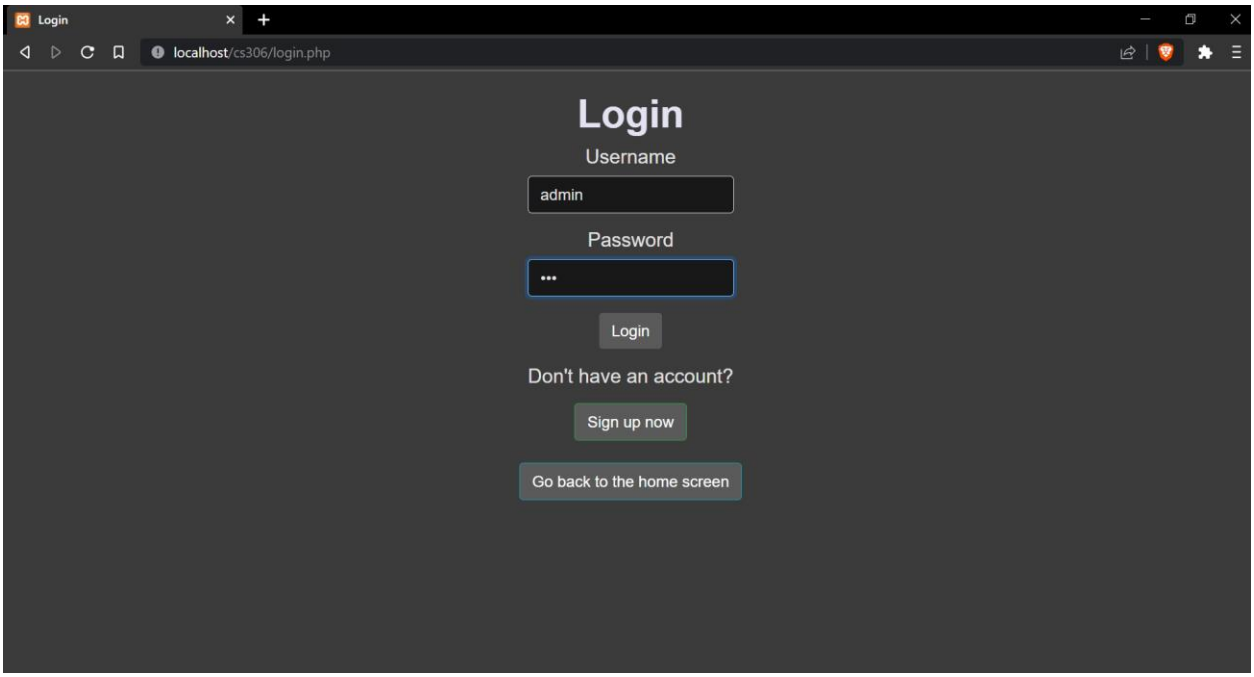
Hangman Page



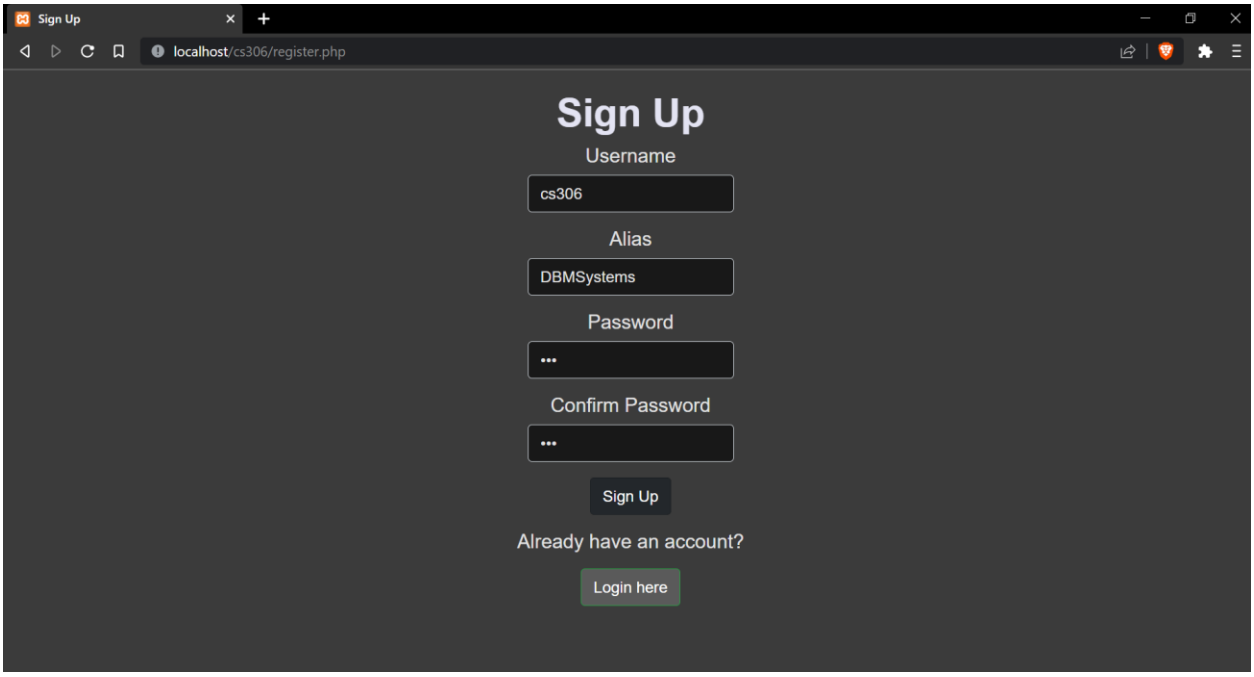
Word7e Page



Login Page



Registration Page



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