

NPK Management

...

Pooja Gajjar, Kimberly Nguyen, Nguyen Tran

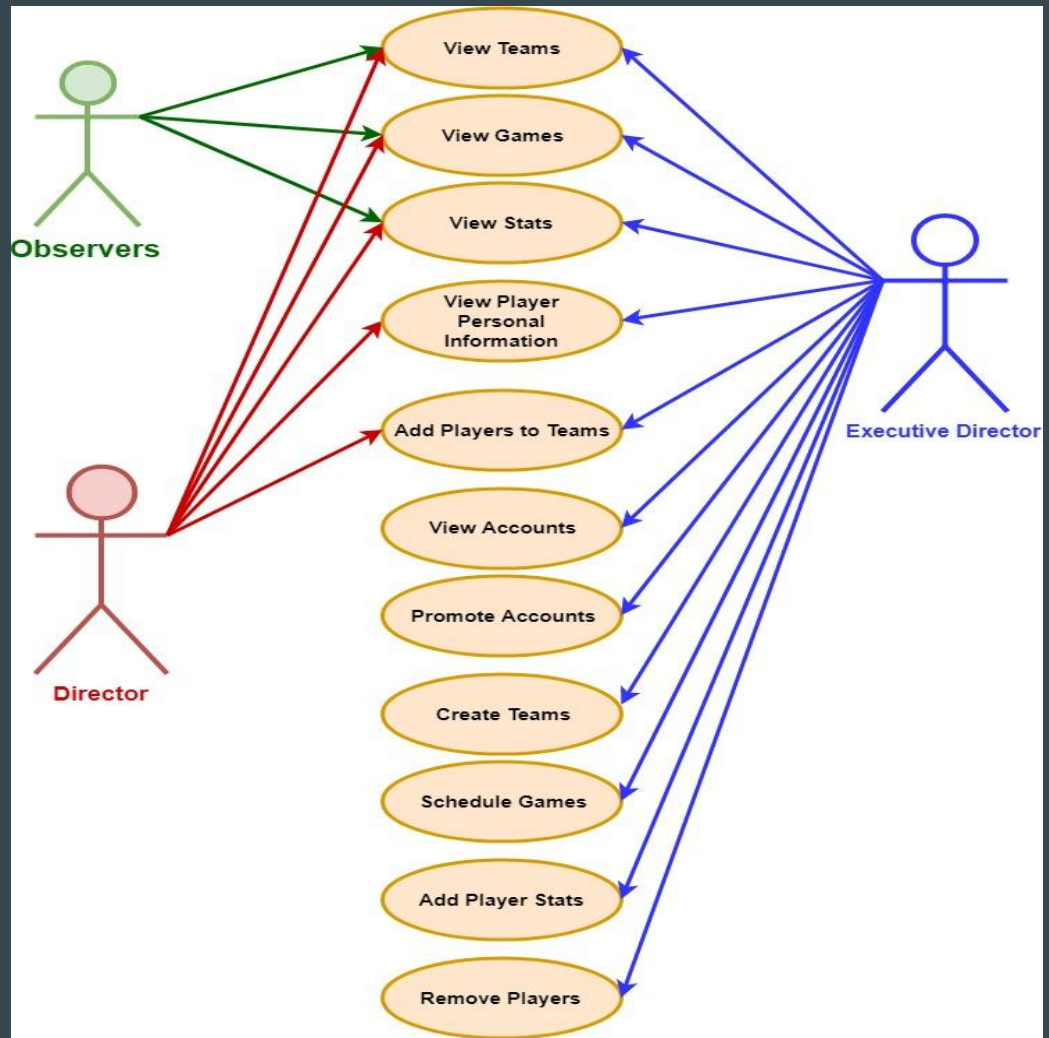
OVERVIEW

- USE CASES
- ENTITY RELATIONSHIP DIAGRAM
- REQUIREMENTS VIEW
- TESTING
- IMPLEMENTATION VIEW
- CONFIGURATION MANAGEMENT VIEW

Use Case Diagram

Role type based:

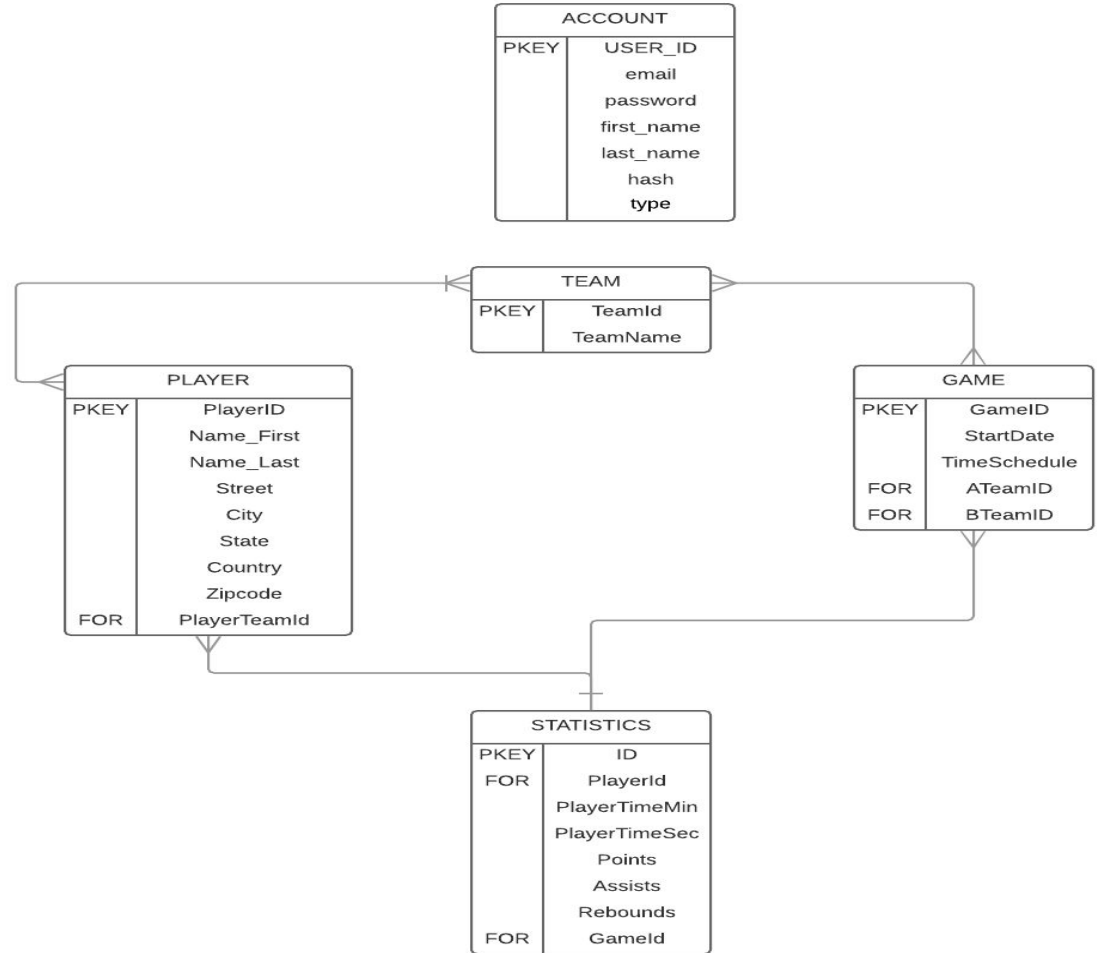
- Observer
- Director
- Executive Director



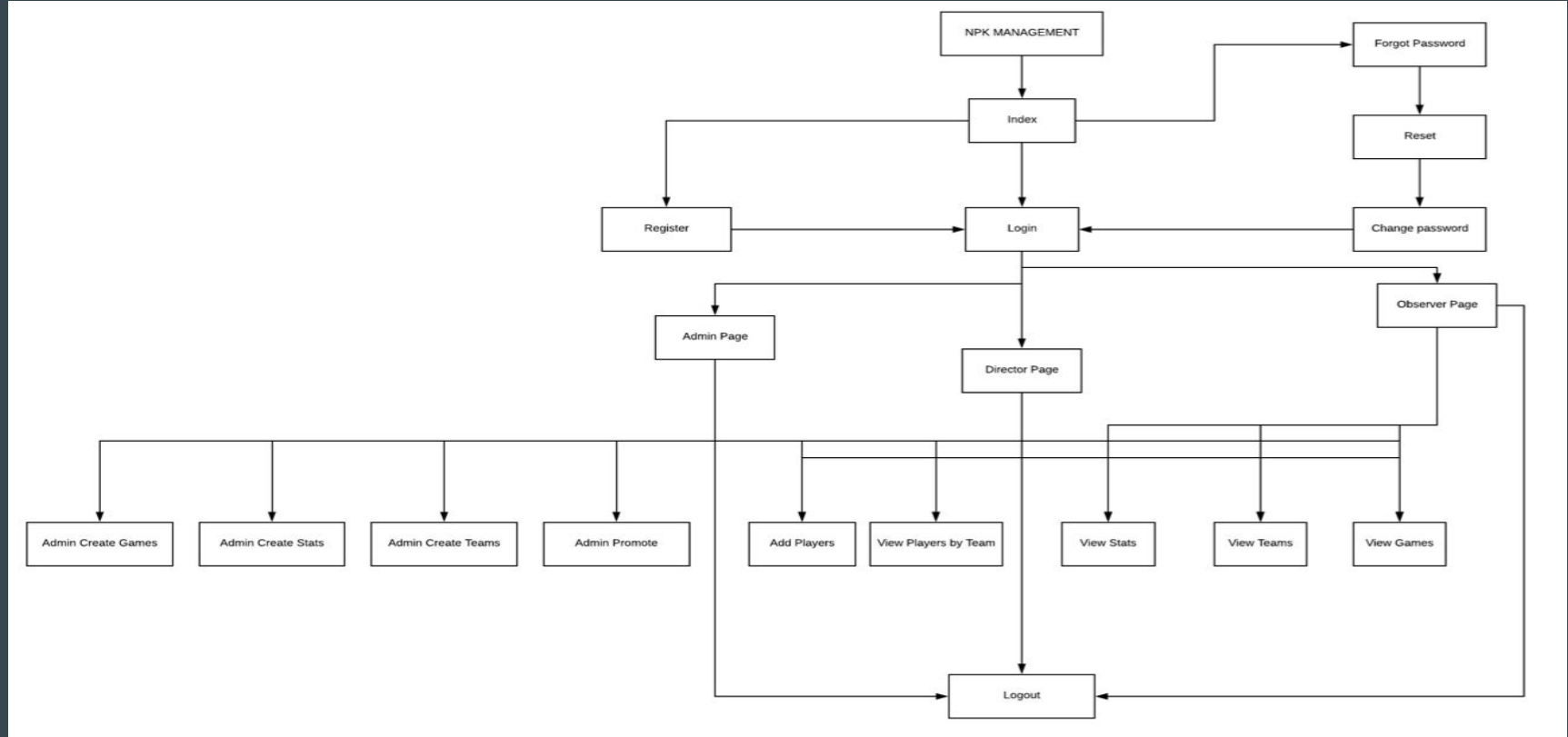
Entity Relationship View (ERD)

Entities:

- Account
- Player
- Team
- Game
- Statistics



Requirements View



Implementation View

DATABASE

```
CREATE TABLE ACCOUNT
(
  USER_ID INT(10) UNSIGNED NOT NULL AUTO_INCREMENT PRIMARY KEY,
  email varchar(50) NOT NULL,
  password varchar(100) NOT NULL,
  first_name VARCHAR(100),
  last_name VARCHAR(150) NOT NULL,
  hash VARCHAR(32) NOT NULL,
  type TINYINT(1) NOT NULL DEFAULT 0,

  INDEX(last_name),
  INDEX(first_name, last_name)
);
```

REGISTER

```
$password = trim(preg_replace("/\t|\r/", ' ', password_hash($_POST['password'], PASSWORD_BCRYPT)));
```

password

\$2y\$10\$e6u2e6XbIKPIXgleAlp3/OALxv08h4XIXixGeW3ujfA...

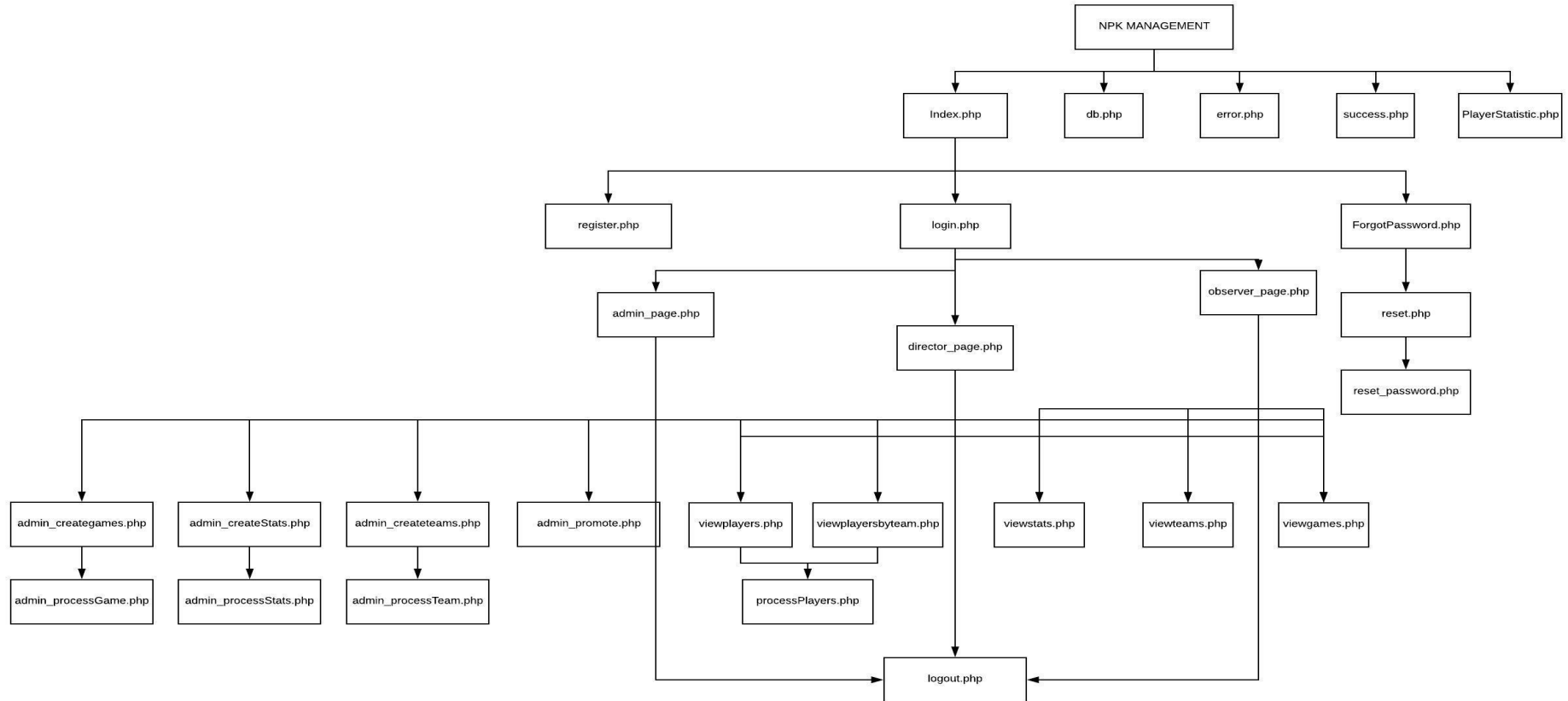
LOGIN

```
if(password_verify($_POST['password'], $user['password'])){
    $_SESSION['email'] = $user['email'];
    $_SESSION['first_name'] = $user['first_name'];
    $_SESSION['last_name'] = $user['last_name'];
    $_SESSION['type'] = $user['type'];

    $_SESSION['logged_in'] = true;

    if($_SESSION['type'] == '0'){
        header("location: observer_page.php");
    }else if ($_SESSION['type'] == '1'){
        header("location: director_page.php");
    }else{
        header("location: admin_page.php");
    }
}
```

Implementation View (Cont.)



Testing View

Admin Page

localhost/npkbasketball/admin_page.php

SEARCH ☆

ASP .NET M

99+

Facebook

MENU

Home Schedule Stats Players Teams Contact SIGN OUT

PROMOTE USER

hongy@gmail.com

Observer

Promote

Reset

Type	Position
0	Observer
1	Director
2	Executive League

User List

User Id	Email	First Name	Last Name	Type
1	nguyentran.dev@gmail.com	Nguyen	Tran	2
2	hongy@gmail.com	Hoang	phuc	0
3	sirushero@yahoo.com	Khoa	tran	1

Testing View (Cont.)

Schedule & Games

localhost/npkbasketball/admin_creategames.php

MENU

HomeScheduleStatsPlayersTeamsContactSIGN OUT

Schedule Games

Start Date

mm/dd/yyyy

Time Schedule

--:-- --

Home Team

Choose Team

Away Team

Choose Team

ADD GAMES

Upcoming Games

GAME	START DATE	TIME	Home Team	Away Team
1	2018-02-01	18:00:00	UCLA	CSUF
2	2018-03-01	15:00:00	UCLA	CSULB
3	2018-04-01	14:00:00	CSULB	CSUF
12	2018-05-09	12:22:00	CSUF	UCLA
13	2018-05-17	15:33:00	CSUF	UCLA

Testing View (Cont.)

Players

localhost/npkbasketball/viewplayersbyteam.php

SEARCH ☆

MENU

HomeScheduleStatsPlayersTeamsContactSIGN OUT

Player Information

Team Name

Choose Team

First Name

Enter First Name

Last Name

Enter Last Name

Street

Enter Street

City

Enter City

State

Enter State

Country

Enter Country

Zip Code

Enter Zip Code

ADD NAME AND ADDRESS

View Players

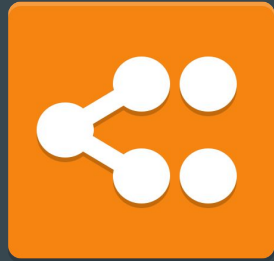
Choose Team

Search

Reset

PLAYERID	FIRST NAME	LAST NAME	STREET	CITY	STATE	COUNTRY	ZIPCODE	TEAM
103	Pluto	Dog	1313 S. Harbor Blvd.	Anaheim	CA	USA	92808-3232	UCLA
104	Scrooge	McDuck	1180 Seven Seas Dr.	Lake Buena Vista	FL	USA	92808-3232	UCLA
111	ASD	DSA	asd	Gar	CA	USA	92840	UCLA
112	Nguyen	Tran	123	321	123	1231	31221	UCLA
113	nguyen	ntuy	nfuyw	wd	dca	d	92840	UCLA
115	asd	asd	asd	ads	dasd	CA	92877	UCLA

Configuration Management View



- XAMPP
- Github
- Google Drive
- iMessages
- Draw.io
- LucidChart
- Trello

Thank You For Listening!