NBADex

●●●

Juhyun Oh, Kevin Kim, Zhisheng Liu

Motivation

Provide a platform for end user to create and update the profile of his favorite NBA players, and organize the statistics on a team basis.

Implementations

1. Login Authentication by User/Password and Gmail
2. CRUD on players statistics including asset(image) upload/download
3. Team interface for player management and organization

scenario: login

scenario: login validation

scenario: signup

scenario: signup validation

scenario: auth with google
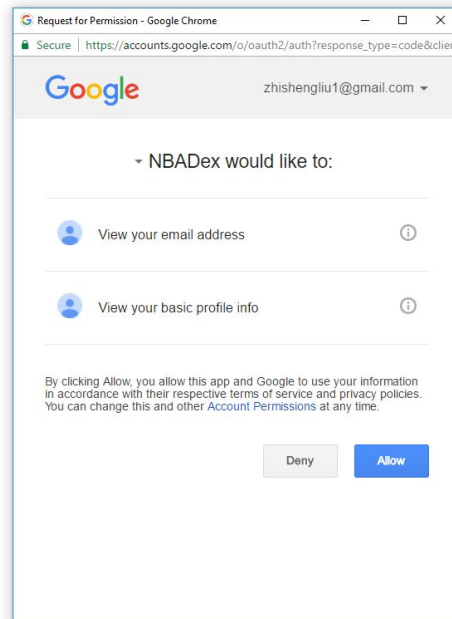
scenario: my team
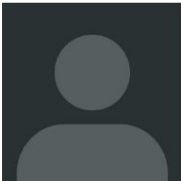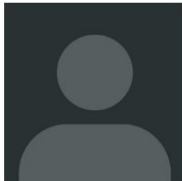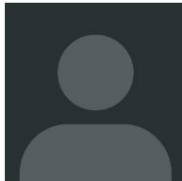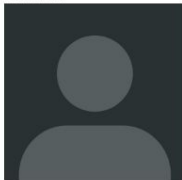
scenario: manage player

this page display our player pools in the database, where CRUD operations are supported by:

Create: the Add New Player button

Update: the Update button

Delete: the trash bin icon

Add to Team will draw player from the pool and added to user's team page

NBADex | My Team | Player Management | View Stats | Log Out

All Players

Add New Player

List of all NBA players available to add to your team

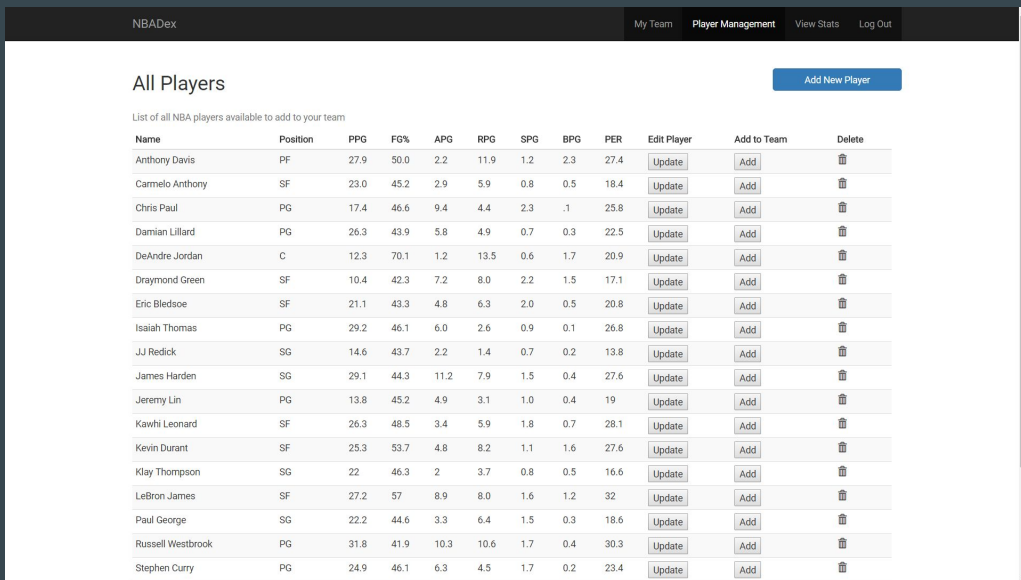| Name	Position	PPG	FG%	APG	RPG	SPG	BPG	PER	Edit Player	Add to Team	Delete
Anthony Davis	PF	27.9	50.0	2.2	11.9	1.2	2.3	27.4	Update	Add	🗑
Carmelo Anthony	SF	23.0	45.2	2.9	5.9	0.8	0.5	18.4	Update	Add	🗑
Chris Paul	PG	17.4	46.6	9.4	4.4	2.3	.1	25.8	Update	Add	🗑
Damian Lillard	PG	26.3	43.9	5.8	4.9	0.7	0.3	22.5	Update	Add	🗑
DeAndre Jordan	C	12.3	70.1	1.2	13.5	0.6	1.7	20.9	Update	Add	🗑
Draymond Green	SF	10.4	42.3	7.2	8.0	2.2	1.5	17.1	Update	Add	🗑
Eric Bledsoe	SF	21.1	43.3	4.8	6.3	2.0	0.5	20.8	Update	Add	🗑
Isaiah Thomas	PG	29.2	46.1	6.0	2.6	0.9	0.1	26.8	Update	Add	🗑
JJ Redick	SG	14.6	43.7	2.2	2.4	0.7	0.2	13.8	Update	Add	🗑
James Harden	SG	29.1	44.3	11.2	7.9	1.5	0.4	27.6	Update	Add	🗑
Jeremy Lin	PG	13.8	45.2	4.9	3.1	1.0	0.4	19	Update	Add	🗑
Kawhi Leonard	SF	26.3	48.5	3.4	5.9	1.8	0.7	28.1	Update	Add	🗑
Kevin Durant	SF	25.3	53.7	4.8	8.2	1.1	1.6	27.6	Update	Add	🗑
Klay Thompson	SG	22	46.3	2	3.7	0.8	0.5	16.6	Update	Add	🗑
LeBron James	SF	27.2	57	8.9	8.0	1.6	1.2	32	Update	Add	🗑
Paul George	SG	22.2	44.6	3.3	6.4	1.5	0.3	18.6	Update	Add	🗑
Russell Westbrook	PG	31.8	41.9	10.3	10.6	1.7	0.4	30.3	Update	Add	🗑
Stephen Curry	PG	24.9	46.1	6.3	4.5	1.7	0.2	23.4	Update	Add	🗑

scenario: try to add one player into user's team

Name	Position	PPG	FG%	APG	RPG	SPG	BPG	PER	Edit Player	Add to Team	Delete
Anthony Davis	PF	27.9	50.0	2.2	11.9	1.2	2.3	27.4	Update	Add	🗑
Carmelo Anthony	SF	23.0	45.2	2.9	5.9	0.8	0.5	18.4	Update	Add	🗑
Chris Paul	PG	17.4	46.6	9.4	4.4	2.3	.1	25.8	Update	Add	🗑
Damian Lillard	PG	26.3	43.9	5.8	4.9	0.7	0.3	22.5	Update	Add	🗑
DeAndre Jordan	C	12.3	70.1	1.2	13.5	0.6	1.7	20.9	Update	Add	🗑
Draymond Green	SF	10.4	42.3	7.2	8.0	2.2	1.5	17.1	Update	Add	🗑
Eric Bledsoe	SF	21.1	43.3	4.8	6.3	2.0	0.5	20.8	Update	Add	🗑
Isaiah Thomas	PG	29.2	46.1	6.0	2.6	0.9	0.1	26.8	Update	Add	🗑
JJ Redick	SG	14.6	43.7	2.2	1.4	0.7	0.2	13.8	Update	Add	🗑
James Harden	SG	29.1	44.3	11.2	7.9	1.5	0.4	27.6	Update	Add	🗑
Jeremy Lin	PG	13.8	45.2	4.9	3.1	1.0	0.4	19	Update	Add	🗑
Kawhi Leonard	SF	26.3	48.5	3.4	5.9	1.8	0.7	28.1	Update	Add	🗑
Kevin Durant	SF	25.3	53.7	4.8	8.2	1.1	1.6	27.6	Update	Add	🗑
Klay Thompson	SG	22	46.3	2	3.7	0.8	0.5	16.6	Update	Add	🗑
LeBron James	SF	27.2	57	8.9	8.0	1.6	1.2	32	Update	Add	🗑
Paul George	SG	22.2	44.6	3.3	6.4	1.5	0.3	18.6	Update	Add	🗑
Russell Westbrook	PG	31.8	41.9	10.3	10.6	1.7	0.4	30.3	Update	Add	🗑
Stephen Curry	PG	24.9	46.1	6.3	4.5	1.7	0.2	23.4	Update	Add	🗑

scenario: player added show up in team profile
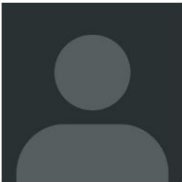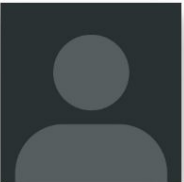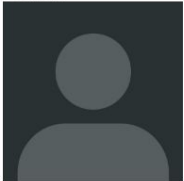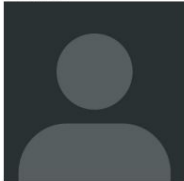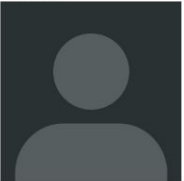
scenario: player removed from team profile by click on pic

scenario: create a new player into the pool

NBADex

My Team   Player Management   View Stats   Log Out

All Player

Add New Player

List of all NBA play

Add New Player   ×

Name

PG ▼

Point per game

Field Goal %

Assists per game

Rebound per game

Steal per game

Block per game

Player efficiency rating

Choose File No file chosen

Submit

Cancel

Name											Delete
Anthony Davis											🗑
Carmelo Anthony											🗑
Chris Paul											🗑
Damian Lillard											🗑
DeAndre Jordan											🗑
Draymond Green											🗑
Eric Bledsoe											🗑
Isaiah Thomas											🗑
JJ Redick											🗑
James Harden											🗑
Jeremy Lin	PG	13.8	45.2	4.9	3.1	1.0	0.4	19	Update	Add	🗑
Kawhi Leonard	SF	26.3	48.5	3.4	5.9	1.8	0.7	28.1	Update	Add	🗑
Kevin Durant	SF	25.3	53.7	4.8	8.2	1.1	1.6	27.6	Update	Add	🗑
Klay Thompson	SG	22	46.3	2	3.7	0.8	0.5	16.6	Update	Add	🗑
LeBron James	SF	27.2	57	8.9	8.0	1.6	1.2	32	Update	Add	🗑
Paul George	SG	22.2	44.6	3.3	6.4	1.5	0.3	18.6	Update	Add	🗑
Russell Westbrook	PG	31.8	41.9	10.3	10.6	1.7	0.4	30.3	Update	Add	🗑
Stephen Curry	PG	24.9	46.1	6.3	4.5	1.7	0.2	23.4	Update	Add	🗑

scenario: fill your team with maximum of 10 players

NBADex

My Team | **Player Management** | View Stats | Log Out

All Players

Team is full, cannot add more players ×

Add New Player

List of all NBA players available to add to your team

Name	Position	PPG	FG%	APG	RPG	SPG	BPG	PER	Edit Player	Add to Team	Delete
Anthony Davis	PF	27.9	50.0	2.2	11.9	1.2	2.3	27.4	Update	Add	🗑
Carmelo Anthony	SF	23.0	45.2	2.9	5.9	0.8	0.5	18.4	Update	Add	🗑
Chris Paul	PG	17.4	46.6	9.4	4.4	2.3	.1	25.8	Update	Add	🗑
Damian Lillard	PG	26.3	43.9	5.8	4.9	0.7	0.3	22.5	Update	Add	🗑
DeAndre Jordan	C	12.3	70.1	1.2	13.5	0.6	1.7	20.9	Update	Add	🗑
Draymond Green	SF	10.4	42.3	7.2	8.0	2.2	1.5	17.1	Update	Add	🗑
Eric Bledsoe	SF	21.1	43.3	4.8	6.3	2.0	0.5	20.8	Update	Add	🗑
Isaiah Thomas	PG	29.2	46.1	6.0	2.6	0.9	0.1	26.8	Update	Add	🗑
JJ Redick	SG	14.6	43.7	2.2	1.4	0.7	0.2	13.8	Update	Add	🗑
James Harden	SG	29.1	44.3	11.2	7.9	1.5	0.4	27.6	Update	Add	🗑
Jeremy Lin	PG	13.8	45.2	4.9	3.1	1.0	0.4	19	Update	Add	🗑
Kawhi Leonard	SF	26.3	48.5	3.4	5.9	1.8	0.7	28.1	Update	Add	🗑
Kevin Durant	SF	25.3	53.7	4.8	8.2	1.1	1.6	27.6	Update	Add	🗑
Klay Thompson	SG	22	46.3	2	3.7	0.8	0.5	16.6	Update	Add	🗑
LeBron James	SF	27.2	57	8.9	8.0	1.6	1.2	32	Update	Add	🗑
Paul George	SG	22.2	44.6	3.3	6.4	1.5	0.3	18.6	Update	Add	🗑
Russell Westbrook	PG	31.8	41.9	10.3	10.6	1.7	0.4	30.3	Update	Add	🗑
Stephen Curry	PG	24.9	46.1	6.3	4.5	1.7	0.2	23.4	Update	Add	🗑

scenario: fill your team with maximum of 10 players

scenario: check out their statistic

Team Zhisheng Liu

Overview of your team's individual player statistics

Name	Position	PPG	FG%	AST	REB	STL	BLK	PER
Anthony Davis	PF	27.9	50.0	2.2	11.9	1.2	2.3	27.4
James Harden	SG	29.1	44.3	11.2	7.9	1.5	0.4	27.6
Stephen Curry	PG	24.9	46.1	6.3	4.5	1.7	0.2	23.4
Draymond Green	SF	10.4	42.3	7.2	8.0	2.2	1.5	17.1
DeAndre Jordan	C	12.3	70.1	1.2	13.5	0.6	1.7	20.9
Damian Lillard	PG	26.3	43.9	5.8	4.9	0.7	0.3	22.5
Chris Paul	PG	17.4	46.6	9.4	4.4	2.3	.1	25.8
Carmelo Anthony	SF	23.0	45.2	2.9	5.9	0.8	0.5	18.4
Eric Bledsoe	SF	21.1	43.3	4.8	6.3	2.0	0.5	20.8
JJ Redick	SG	14.6	43.7	2.2	1.4	0.7	0.2	13.8

Tools used

1. HTML
2. CSS: Bootstrap
3. Javascript: Jquery and VueJS
4. Google Firebase backend