

One-Stop Basketball Portal

Internet and Web Programming
J-Component

PROJECT REPORT



VIT[®]

Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

Submitted By:

Dhruv Agarwal
17BCE0148

Submitted To:

Prof. Lydia Jane G

Abstract

This project deals with the world of basketball and how we can make a one stop portal to register for events, strategize plays, look at team rosters and analyse and compare the players in a team according to their statistics. There is also a player showcase option, where we see the top players of each team and is connected to their social media handles. There is also a contact us page where the users can sign up to our newsletter and we can provide them with the information that is not provided on the website.

One of the best features is that the users can register for events like try-outs and tournaments through our portal and then also check the details of the same.

This project deals with the world of basketball and how we can make a one stop portal to register for events, strategize plays, look at team rosters and analyse and compare the players in a team according to their statistics.

Introduction

Our Primary Aim is to answer our users' questions with the easiest-to-use, fastest, and most complete sports statistics anywhere. If we have some fun in the process, that's good too. This project deals with the world of basketball and how we can make a one stop portal to register for events, strategize plays, look at team rosters and analyse and compare the players in a team according to their statistics.

There is also a player showcase option, where we see the top players of each team and is connected to their social media handles. There is also a contact us page where the users can sign up to our newsletter and we can provide them with the information that is not provided on the website.

One of the best features is that the users can register for events like try-outs and tournaments through our portal and then also check the details of the same. There is also a contact us page where the users can sign up to our newsletter and we can provide them with the information that is not provided on the website.

Scope

I made this project as a basketball and web development enthusiast for other people who face the similar problem of not being connected to each other or having a forum with other players like them. So to answer our users' questions with the easiest-to-use, fastest, and most complete sports statistics anywhere. If we have some fun in the process, that's good too. This project deals with the world of basketball and how we can make a one stop portal to register for events, strategize plays, look at team rosters and analyse and compare the players in a team according to their statistics.

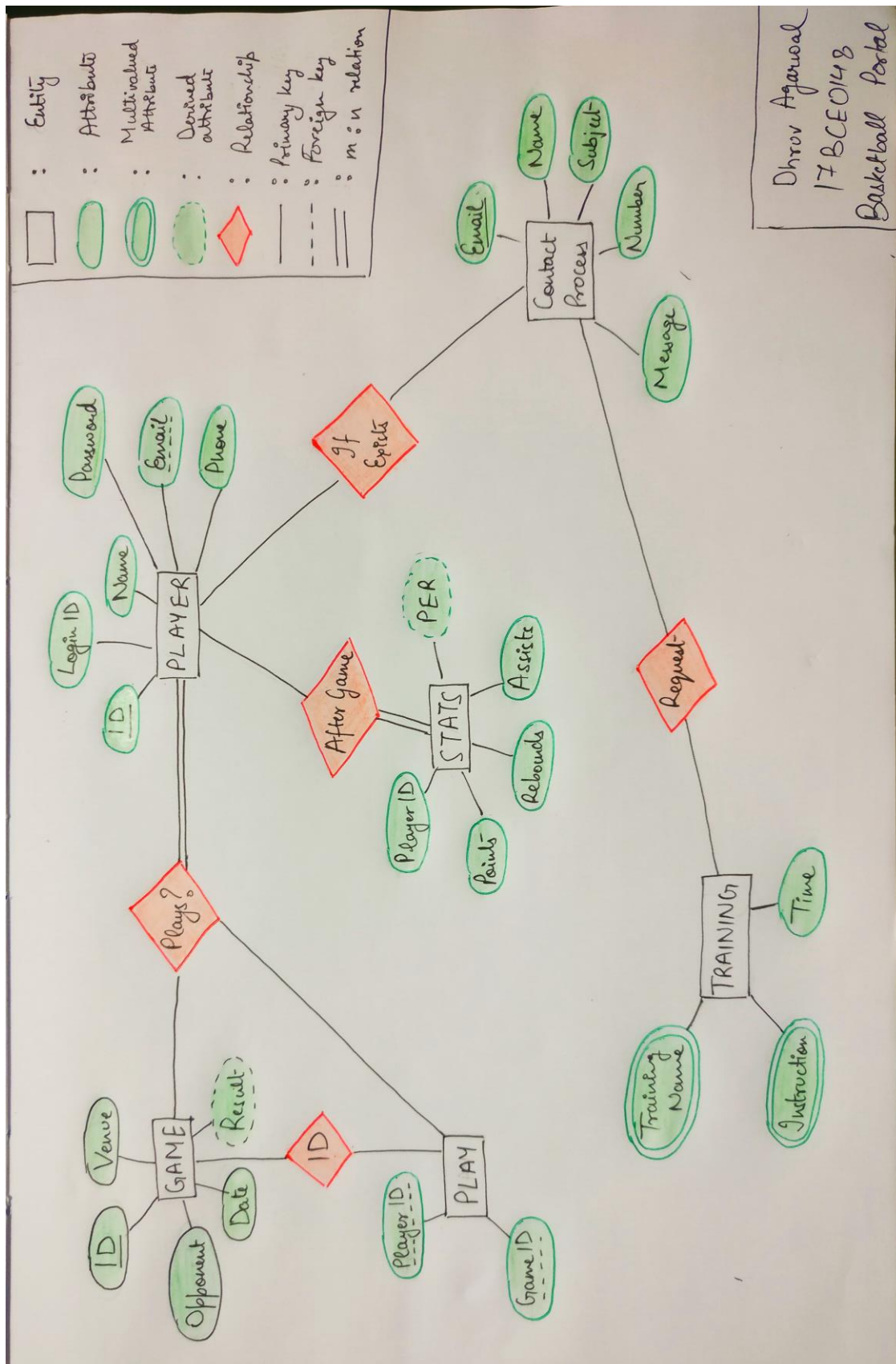
There is also a player showcase option, where we see the top players of each team and is connected to their social media handles. There is also a contact us page where the users can sign up to our newsletter and we can provide them with the information that is not provided on the website. One of the best features is that the users can register for events like try-outs and tournaments through our portal and then also check the details of the same. There is also a contact us page where the users can sign up to our newsletter and we can provide them with the information that is not provided on the website.

This one stop website connects all the players and students who want to learn new skills, register for events across campus, see the players in various teams, strategize their gameplays and ask their queries all at the same place.

Tools and Technologies Used

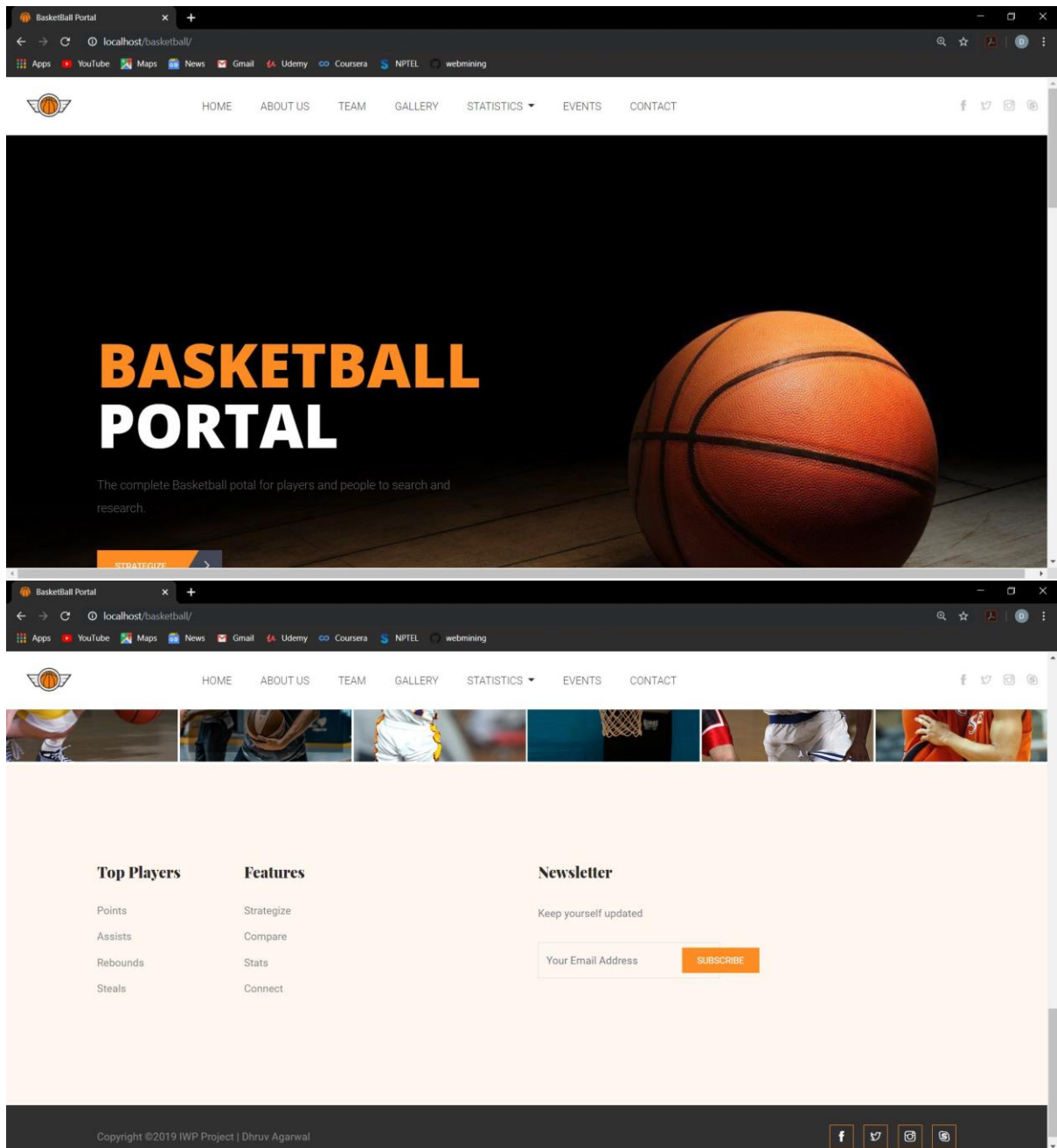
1. Visual Studio Code
2. Wamp Server
3. HTML CSS
4. PHP
5. JavaScript
6. Bootstrap
7. MySQL

ER Diagram

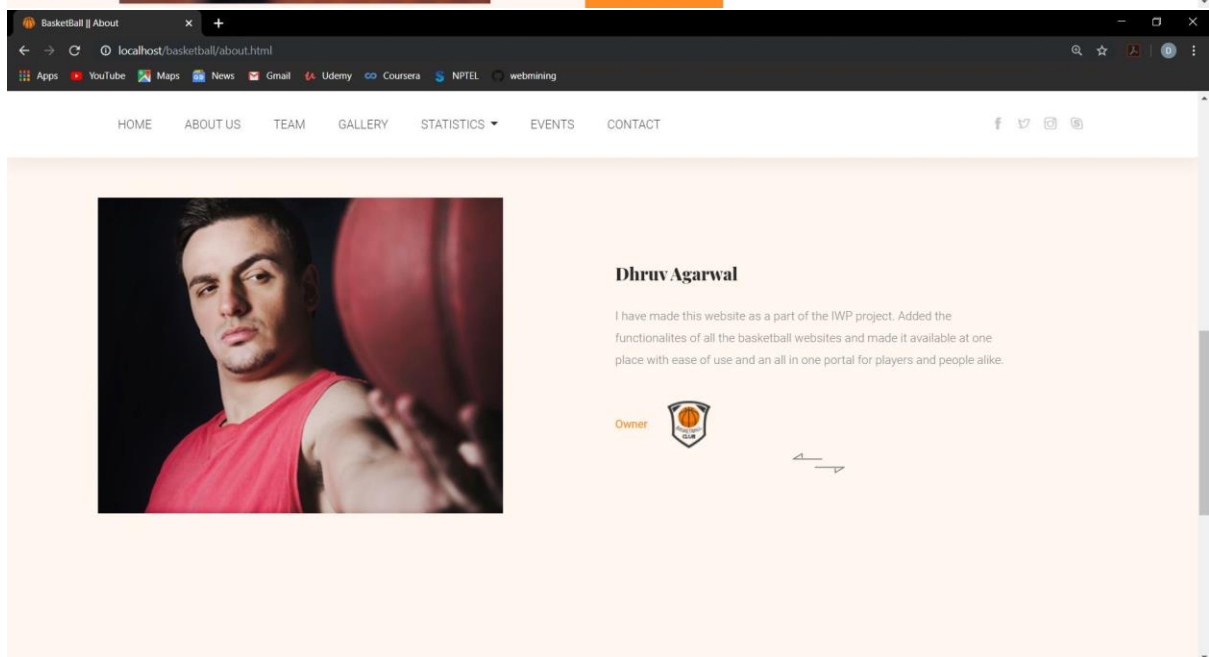
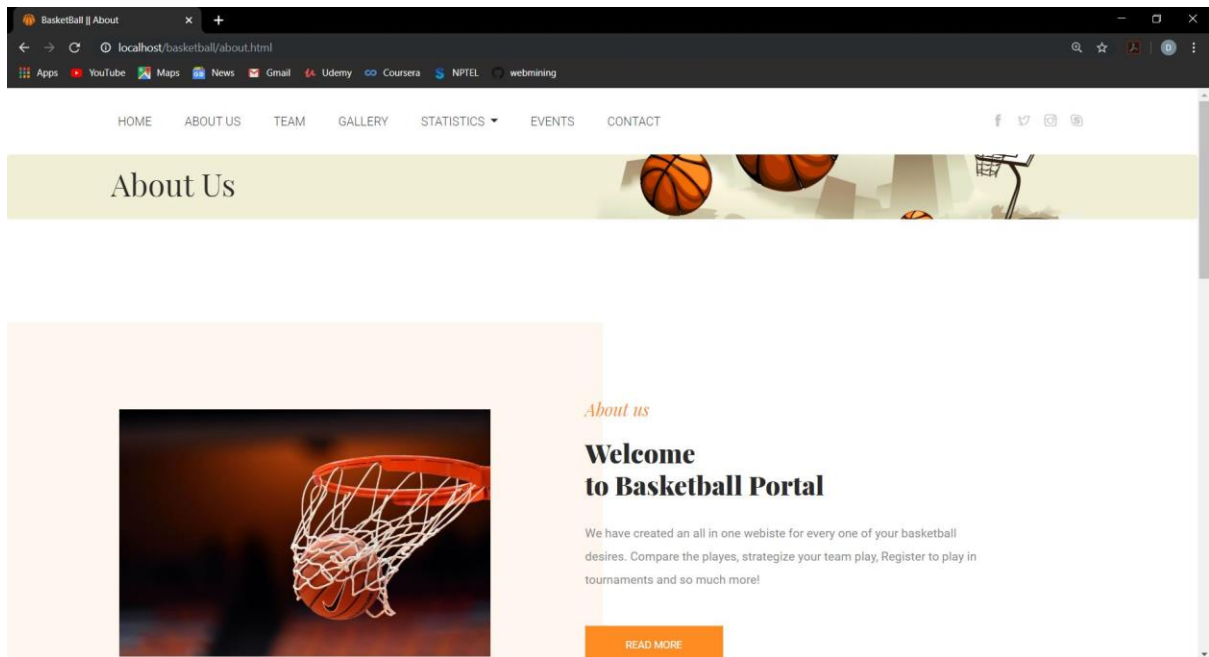


Screenshots

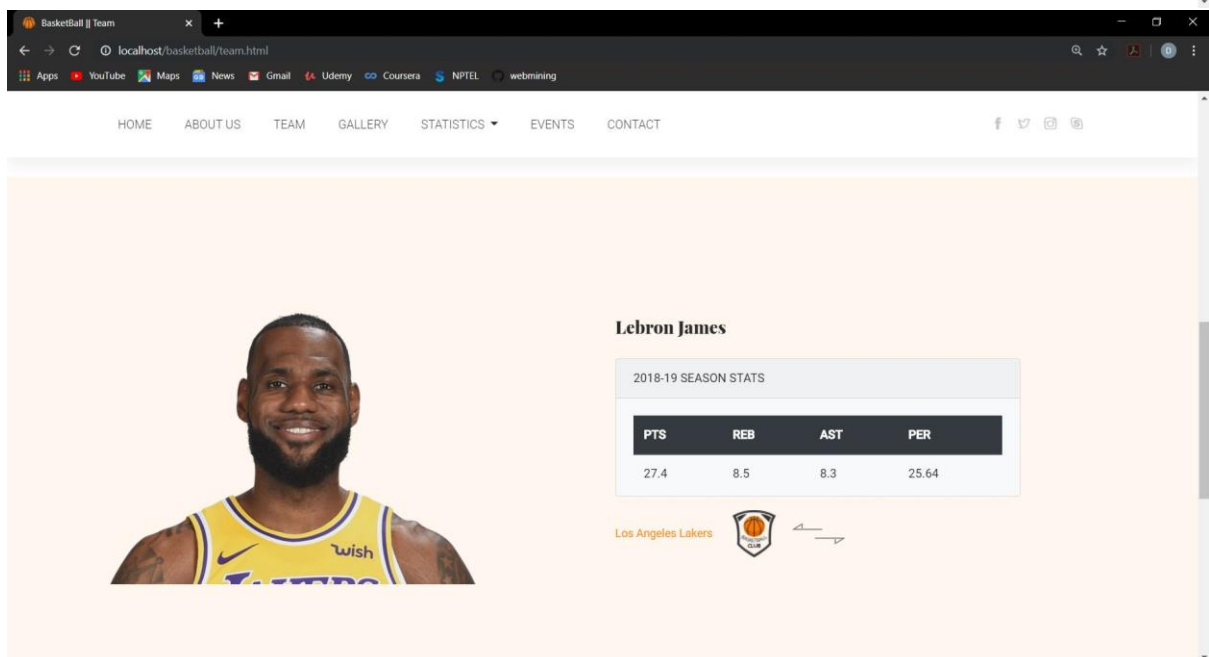
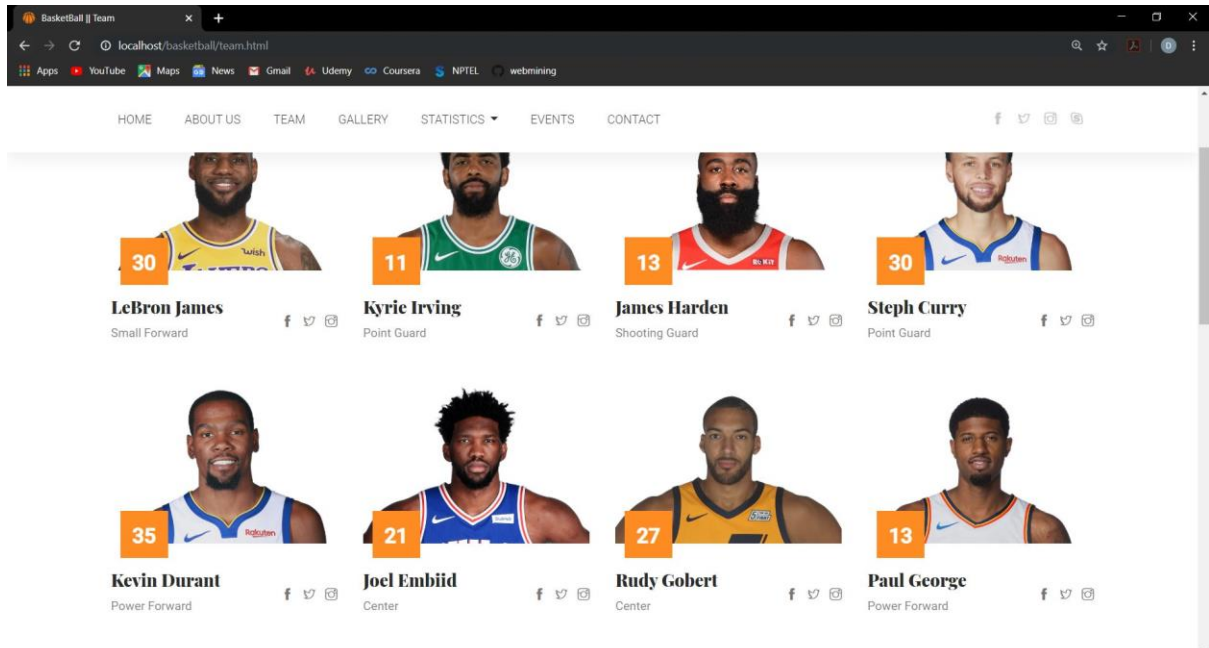
HOME PAGE




ABOUT US PAGE



TEAM PAGE





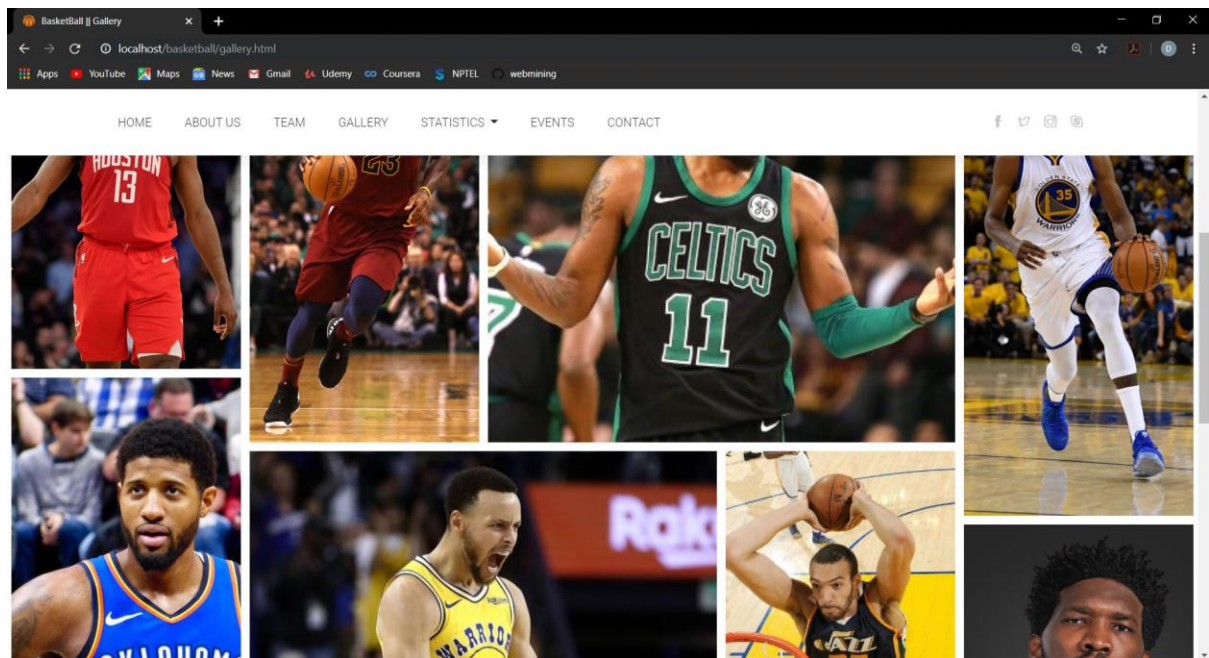
#23 LeBron James
LOS ANGELES LAKERS

Compare Player

HT	6-8	WT	250 lbs	PRIOR	St. Vincent-St. Mary HS (OH)/USA	PTS	27.4	REB	8.5	AST	8.3	PIE	18.8
AGE	34	BORN	12/30/1984	DRAFT	2003 Rnd 1 Pick 1	EXP	16 yrs						

Year	PTS	REB	AST	BLK	STL	FGP
2018-19	27.4	8.5	8.3	0.6	1.3	51.0
2017-18	27.5	9.1	8.6	0.9	1.4	54.0

GALLERY PAGE









STATEGIZE PAGE

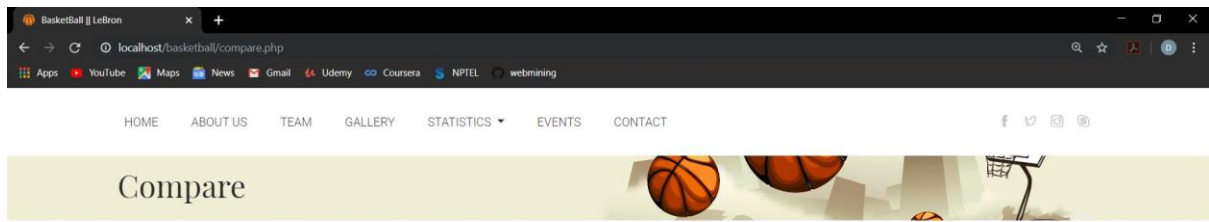


STATISTICS PAGE

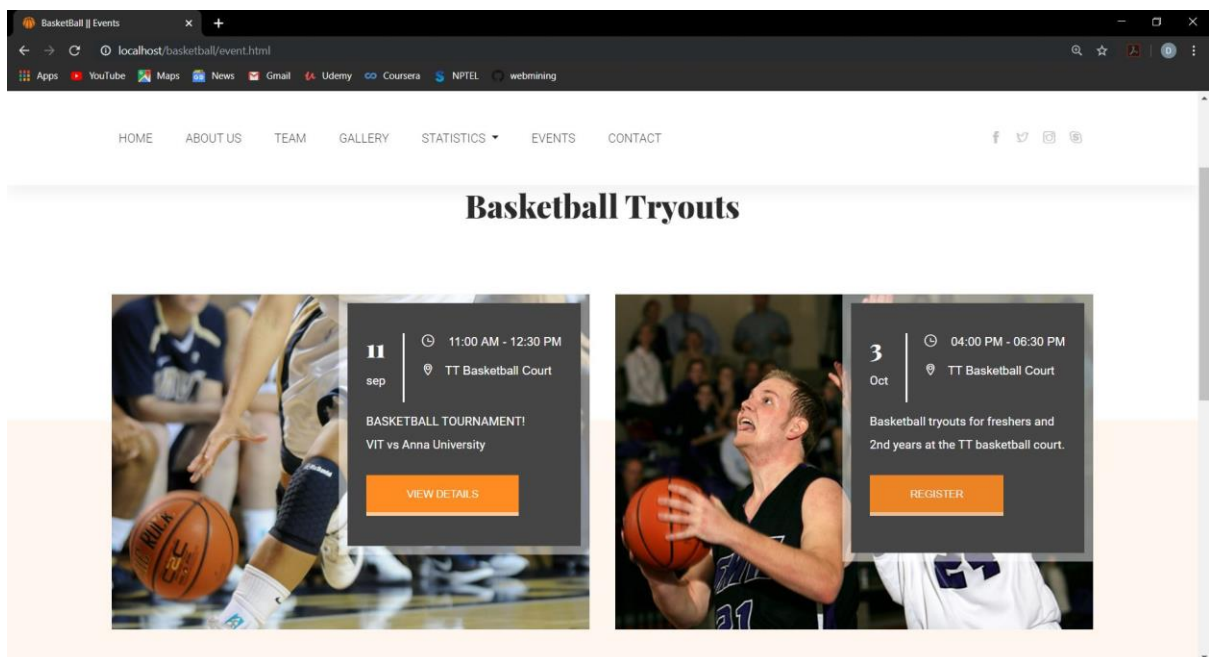
Players

The screenshot shows a web browser window with the address bar displaying 'localhost/basketball/players.php'. The page has a navigation bar with links: HOME, ABOUT US, TEAM, GALLERY, STATISTICS, EVENTS, and CONTACT. Below the navigation bar is a table of player statistics.

SELECT	#	PLAYERS	PER	RATING
<input type="checkbox"/>	01	 LeBron James	25.64	<div><div></div></div> 99
<input type="checkbox"/>	02	 Kevin Durant	24.37	<div><div></div></div> 95
<input type="checkbox"/>	03	 Steph Curry	30.62	<div><div></div></div> 92
<input type="checkbox"/>	04	 James Harden	24.45	<div><div></div></div> 90
<input type="checkbox"/>	05	 Paul George	24.26	<div><div></div></div> 89
<input type="checkbox"/>	06	 Kyrie Irving	26.21	<div><div></div></div> 80



EVENTS PAGE



BasketBall || Events

localhost/basketball/event.html

HOME ABOUT US TEAM GALLERY STATISTICS ▾ EVENTS CONTACT

Please fill in this form to register for the event

Name

Enter Name

Email

Enter Email

Hostel Block

Enter Hostel Block

Phone Number

Enter Phone Number

Gender

BasketBall || Events

localhost/basketball/event.html

HOME ABOUT US TEAM GALLERY STATISTICS ▾ EVENTS CONTACT

Phone Number

Enter Phone Number

Gender

Gender

Year

Enter The Year You're Studying In

Experience

Yes or No

Cancel Register

DATABASE

The screenshot shows the phpMyAdmin interface for a MySQL server. The left sidebar displays a tree view of databases, with 'stats' selected. The main panel shows the 'Structure' tab for the 'stats' database. A table list is displayed with columns: Table, Action, Rows, Type, Collation, Size, and Overhead. The tables listed are: curry, durant, embiid, george, gobert, harden, kyrie, lebron, register, and request. Below the table list, there is a 'Create table' section with a 'Name' field and a 'Number of columns' field set to 4. The 'Console' tab at the bottom is empty.

Table	Action	Rows	Type	Collation	Size	Overhead
curry	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
durant	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
embiid	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
george	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
gobert	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
harden	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
kyrie	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
lebron	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.1 KiB	-
register	Browse Structure Search Insert Empty Drop	6	MyISAM	latin1_swedish_ci	1.4 KiB	-
request	Browse Structure Search Insert Empty Drop	2	MyISAM	latin1_swedish_ci	1.2 KiB	-
10 tables Sum		24	MyISAM	latin1_swedish_ci	11.2 KiB	0.8

The screenshot shows the phpMyAdmin interface for the 'lebron' table in the 'stats' database. The left sidebar shows the 'stats' database selected. The main panel shows the 'Structure' tab for the 'lebron' table. A message indicates that the current selection does not contain a unique column. Below this, a query result is shown for the table. The query is: `SELECT * FROM `lebron``. The result shows two rows of data. The columns are: Year, PTS, REB, AST, BLK, STL, and FGP. The first row is for the 2018-19 season, and the second row is for the 2017-18 season. Below the query result, there are options to show all rows, number of rows (25), and filter rows. There are also links for 'Query results operations' including Print, Copy to clipboard, Export, Display chart, and Create view.

Year	PTS	REB	AST	BLK	STL	FGP
2018-19	27.4	8.5	8.3	0.6	1.3	51.0
2017-18	27.5	9.1	8.6	0.9	1.4	54.0

BasketBall | Events

localhost / MySQL / stats / regi: x +

localhost/phpmyadmin/sql.php?server=1&db=stats&table=register&pos=0

Server: MySQL:3306 » Database: stats » Table: register

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 5 (6 total, Query took 0.0005 seconds.)

SELECT * FROM "register"

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

name	email	hblock	pno	gender	year	exp
Dhruv	agarwal.dhruv1234@gmail.com	L Block	8890525200	Male	3rd Year	Yes
Nipun	nipun.gupta2017@vitstudent.ac.in	K Block	9876543210	Male	2nd Year	No
shashwat	shashwat@gmail.com	G Block	9874561230	Male	4th Year	Yes
abhishek	abhi@some.com	Q Block	7894561235	Male	3rd Year	Yes
atul	abcd@xyz.com	k	8181818181	m	2017	yes
atul	abcd@xyz.com	k	8181818181	m	2017	yes

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console

BasketBall | Events

localhost / MySQL / stats / requ: x +

localhost/phpmyadmin/sql.php?server=1&db=stats&table=request&pos=0

Server: MySQL:3306 » Database: stats » Table: request

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0005 seconds.)

SELECT * FROM "request"

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

name	email	subject	message
Dhruv Agarwal	agarwal.dhruv1234@gmail.com	Subscription request	Hi, I would like to subscribe to your newsletter.
Nipun Gupta	nipun.gupta2017@vitstudent.ac.in	Subscription Request	Ilfunheonucthorluterluygoerlugyojrtxtgoirugyoile...

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Console