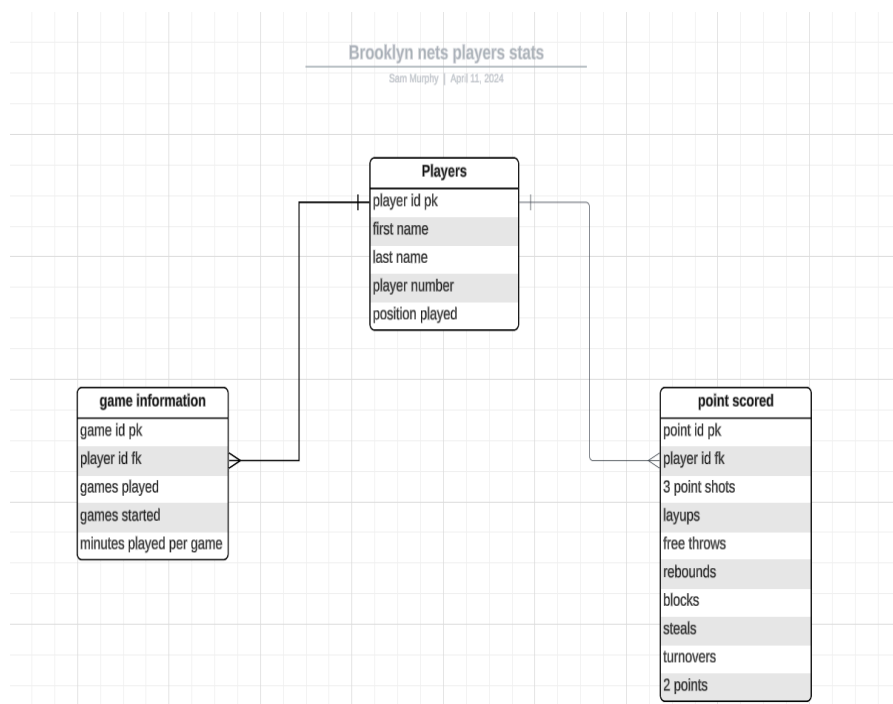# Planning:

Project idea: Basketball Stats per game for a specific player.

Database concept for the website.

My database idea is about tracking stats for a specific team in the NBA. This team is the Brooklyn Nets. I would like people to be able to type in a player's name and you get back a list of stats that include games played, minutes played, points scored, type of points scored and other stats like rebounds, blocks and steals. You would type in a player's name and what stat you want to know and you would get back one or lots of stats. This may also help coaching staff see what each player is doing and contributing in each game.

Brooklyn nets players stats
Sam Murphy | April 11, 2024

Players
- player id pk
- first name
- last name
- player number
- position played

game information
- game id pk
- player id fk
- games played
- games started
- minutes played per game

point scored
- point id pk
- player id fk
- 3 point shots
- layups
- free throws
- rebounds
- blocks
- steals
- turnovers
- 2 points

Website Design.

The Home Page could look like A logo in the top left corner, a banner across the top with the name of the website. It could have a search bar that you can search for specific information on the team. It could contain pictures of players and when you click on a player picture it takes you to a profile page of that player where you can do a stat search. It could have a biography of the player. Action Picture of the player.

I would like to use a friendly font like arial and make it about size 12. My background would be white and I would use black text. This would be across all pages to keep it the same. I might add a short video but I am not sure yet.

Routes, Page Signature, Database queries and some expected results:

A route for my homepage could be something like this. /gethomepage() This could take you to the home page.

For the player stat profiles pages I could use something like /players/{player_id} and that would use a function signature of getplayer profile(player_id) and display the stats results.

For the results page I think I could use a route like /search?q={query} and the function signature could be serachplayers(query). It would use the search queries from the users to get back players information based on the search the user used.

If I had a players biography page the route would be something like /players/{player_id}/bio and the function signature would be getplayerbio(player_id)

I hope this would make the website easy to use and return good information on the player they have searched for.

I want to make my website a good website that is easy to use and that users would come back to. I would need to think about things like responsiveness, SEO, make sure the content is up to date and matches what a user expects. I need to consider accessibility for people that may have impairments. It will also need to meet legal requirements.

Colours:

This is the colour palette that I will design my website with. I decided to use these colours because black and white are the Brooklyn Nets main colours and they look very nice together. Black will be the main colour and white will be used to write over the black so it is easy for the users to read and not strain their eyes to read stuff on my site.

Font:

Aa
ABCDEFGHIJKLMNO
PQRSTUVWXYZ
abcdefghijklmnopqrstuv
wxyz1234567890!@#$
%^&*()

I have decided to use Arial font because it is a very easy to read font and won't make people's eyes explode when reading. It is also a very simple font, this is why I have decided on arial.

Production Stage:

Github commits:

8537594 · now   🕐 12 Commits

I have 12 commits that show the progress throughout my 2 term project, I could've 100% done a lot more commits but I didn' and that is a mistake that I will work on in the future.

Relevant implications

Website:

functionality	Functionality is very important to take into consideration when making a website. This is because if the user can't use it easily they will get frustrated and will end up using a different website than yours. For example if you were doing online grocery shopping if there was a button that didn't work to add food to cart it would be very pointless to have, then there is no point in having a website at all. Functionality in my website looks like pressing a page button like for example the players page should pop up with a list of all the players, and mine does.
Aesthetics	Aesthetics is very important when making a website because if the website hurts the user's eyes when they look at it they will not like to navigate through the website. My website uses good aesthetics by making the information including the players, stats and game information easy to read with a nice background and a nice text colour to make it easy for the user to read.

Database:

ethical	Being ethical is important when making a website because the information that you have on your website could possibly be used in a way that would deface the source of the information. In my case since I am using information from the actual brooklyn nets page so they might use it to report to other teams about ways to defend them or other stuff, then you will face serious repercussions.
legal	Legal is very important to take into consideration when making a website by making sure that the information that you have used in your website is information that you are able to use. For example in my database I used the information posted on

	the official brooklyn nets website which anyone is able to access so that I can avoid any legal disputes.

Testing Stage:

This is the final part of my document, where I tested everything on my website that could break it using the button, information, search bar and the URL. I'm testing to see if every page, button and information shows ups and shows in the way that I want. And to see if my project is like my plan.

What	How	Expect	Get	Passed or failed.
If the game information button works and redirects me to the correct page with the correct information showing up	By pressing the button in the home page and or Stats and Player pages.	To be redirected to the Game information page and show up with the information.	I get redirected to the Game information page and the data for the players shows up.	Passed the testing
If the Player button works and redirects me to the correct page with all the correct information	By pressing the "Player" button in all of the pages with are; Stats, game information and home page.	To be redirected to the player page with all the information showing up.	I get redirected to the players page correctly with pressing all the buttons in all the pages with the information showing up.	Passed the testing.

If the Stats button works and takes me to the right page with all the information.	By pressing the "Stats" button in all of the pages which are; Players and Game information.	To be redirected to the correct page with the information showing up correctly	I got redirected to the Stats page correctly with all the information showing up correctly.	Passed the testing.
If the homepage button works from the players page and it takes me to the right page.	By pressing the homepage button from the players page it should take me to the homepage and not any other page.	To be redirected to the home page with the words correct with spelling and position same as font and text colour, as well as size of text	I got redirected to the correct page with all the words being spelt right as well as the font, position, colour of text and spelling as well as size	Passed the test
if the homepage button works from the stats page and it takes me to the correct page	By pressing the home button from the stats page it should redirect me to the homepage with all the right text colour, size and position. And not any other page.	it should redirect me to the homepage with all the right text colour, size and position. And not any other page.	I got redirected to the correct page with all the words being spelt right as well as the font, position, colour of text and spelling as well as size	passed
If the homepage button works from the game information page and it takes me to the right page.	from the game information page it should redirect me to the homepage with all the right text colour, size and position. And not any other page.	To be redirected to the home page with the words correct with spelling and position same as font and text colour, as well as size of text	I got redirected to the correct page with all the words being spelt right as well as the font, position, colour of text and spelling as well as size	passed
If the homepage button works from the search result page and it takes me to the right page.	from the search results page it should redirect me to the homepage with all the right text colour, size and position. And not any other page.	To be redirected to the home page with the words correct with spelling and position same as font and text colour, as well as size of text	I got redirected to the correct page with all the words being spelt right as well as the font, position, colour of text and spelling as well as size	passed
When i search	Go to the	To be shown all	When i typed in	passed

up any player or letter in the search bar it will pop up with any person who has that letter or not.	search bar and search up any person or letter and see if it will either pop up with the person or anyone with that letter in their name or doesn't come up with anything at all	the players or players with that letter in their name, and if the user puts a letter in that no one in the team has it should pop up with something similar to nothing found.	a letter that most players in the team had it popped up with everyone, but when i put in a letter no one had it came back as nothing was found.	

Data integrity:

Data integrity is important because it is used to see if the information on the page links to the page button. Because if it doesn't it will mess up your website and will make your information wrong and or messed up.

What is being tested?	How is it being tested?	What were the results?	pass/fail
If the game information button actually leads to my game information page.	When I press the game information button from my homepage or any other page it will lead back to the game information page.	No matter what page I was on and when I clicked the game information page it always took me back to the right page with the right information.	pass
If the stats button actually leads to my stats page.	When I press the stats button from my homepage or any other page it will lead back to the stats page.	No matter what page I was on and when I clicked the stats page it always took me back to the right page with the right information.	pass
If the players button actually leads to my players page.	When I press the players button from my homepage or any other page it will lead back to the players page.	No matter what page I was on and when I clicked the players page it always took me back to the right page with the right information.	pass

If the home button actually leads to my home page.	When I press the home button from my homepage or any other page it will lead back to the home page.	No matter what page I was on and when I clicked the home page it always took me back to the right page with the right information.	pass