

# Assignment 7

Due Date: May 13, 2022 at 7:30 PM

## Overview

This assignment will be worth **7%** of your total grade. The goal of this project is to integrate GraphQL into your existing REST API knowledge base. You must use GraphQL for this assignment.

## Specifications

For this assignment, you will need to help UFC President Dana White with an easy way to query the UFC roster for specific fighters for the UFC.com website.

## UFC GraphQL

Create a file called `ufc.js` that will store information on 20 active fighters on the UFC roster. Dana needs to know each fighter's:

- Name (first and last)
- Nickname (if applicable, if fighter does not have a nickname simply enter N/A)
- Number of wins
- Number of losses
- Height (in meters)
- Name of **current** weight class
- City and state they are fighting out of. i.e. Baltimore, MD. For international fighters, do city, country.

## Requirements

Dana White will need to be able to:

- Query a UFC fighter by name
- Get a list of all fighters given a weight class

## Things to Note

- A list of current UFC fighters can be found here: [https://en.wikipedia.org/wiki/List\\_of\\_current\\_UFC\\_fighters](https://en.wikipedia.org/wiki/List_of_current_UFC_fighters)
- You can find most information on them simply by clicking on their Wiki or finding them on the UFC website
- The fighters do not need to be from the same weight class, 20 random fighters from any weight class will suffice
- Names will be unique. Assume no UFC fighter has the same name (although I think a few do)
- No need to make a DB, just define an array of JSON and populate it with fighter data
- Think outside of the box, there are multiple ways to accomplish this assignment!

## Submission

Please submit the following on Blackboard:

- ufc.js