

GOAL: Build a small basketball tracker application that displays current stats and last-game results for NBA teams

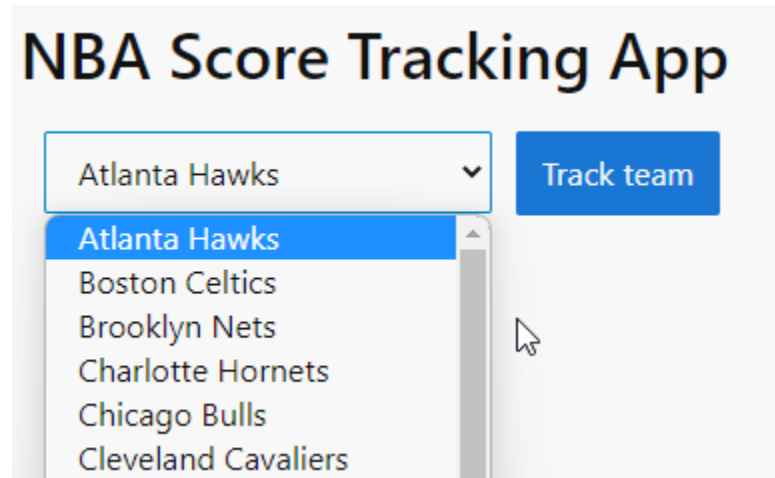
Important rules and notes - please read carefully:

You have to **write the code yourself**. Submitting code already submitted by a friend or colleague is not allowed and will result in disqualification from the certification exam.

Code **quality and best practices matter**. Do not use a single component in your application.

It should go without saying that **your application will be disqualified if the application has bugs, doesn't implement all of the features, or doesn't follow the instructions of this document.**

STEP #1 - Implement the ability to select and track a team

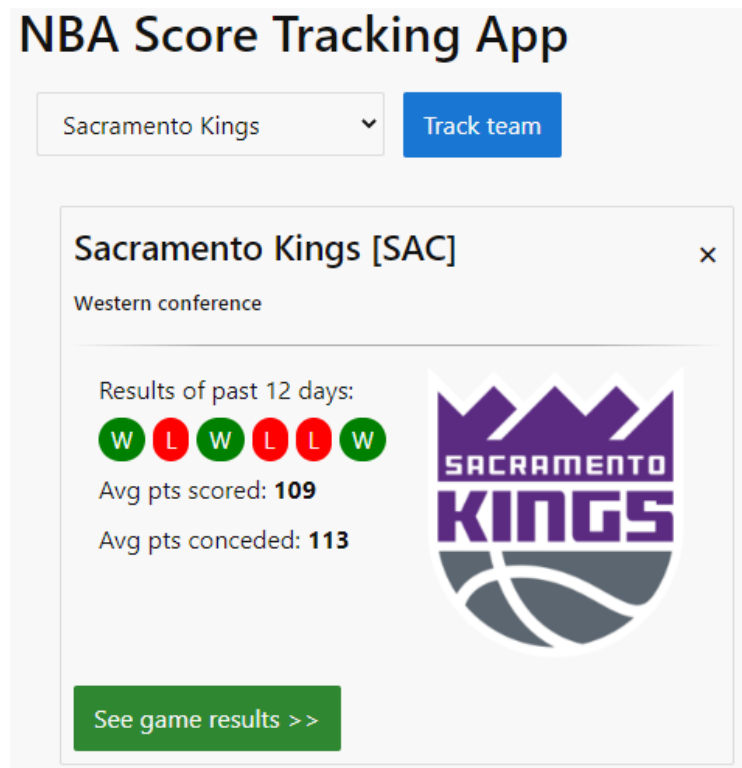


- The API used for this application can be found at: <https://rapidapi.com/theapiquy/api/free-nba>. Note that the API requires specific HTTP headers to be used with every request. You can use these credentials or create your key:

```
headers: {  
  'X-RapidAPI-Key': '2QMXSehDLSmshDmRQcKUIAiQjIZAp1UvKUrjsnewgqSP6F5oBX',  
  'X-RapidAPI-Host': 'free-nba.p.rapidapi.com'  
}
```

- More specifically, the endpoint used to retrieve teams is: <https://free-nba.p.rapidapi.com/teams>
- Note that styling is not that important for this project, and the layout of your application can be different as long as the application works properly.
- The dropdown should have an HTML attribute ID equal to **teamSelect**, and the button should have an ID equal to **trackBtn**

STEP #2 - Display results for the past 12 days for selected teams



- When a team is selected and the **“Track team”** button is clicked, display a new card with the team name, 3-letter code, logo, conference (Western or Eastern), and results of the past 12 days: A green W for a win, a red L for a loss, as well as the average number of points scored during those games.
- Use the [NBA API](#) to get those last results. For instance, this request will give you the results for December 4, 5, and 6 for the Sacramento Kings: [https://free-nba.p.rapidapi.com/games?page=0&dates\[\]=2022-12-06&dates\[\]=2022-12-05&dates\[\]=2022-12-04&per_page=12&team_ids\[\]=26](https://free-nba.p.rapidapi.com/games?page=0&dates[]=2022-12-06&dates[]=2022-12-05&dates[]=2022-12-04&per_page=12&team_ids[]=26)
- Note that the team you track plays home and away (visitor) games, so you have to get the proper number of points depending on that. A team wins when it scores more points than its opponent.
- You can get team logos from the following URL, using the proper 3-letter team code as the image name. For instance, for the Sacramento Kings (SAC), the image path is: <https://interstate21.com/nba-logos/SAC.png>

STEP #3 - Support adding teams / removing teams from the list

Miami Heat ▾

Track team

Golden State Warriors [GSW] ×

Western conference


Results of past 12 days:

L L W L L

Avg pts scored: 116

Avg pts conceded: 119

See game results >>



Sacramento Kings [SAC] ×

Western conference


Results of past 12 days:

W L W L L W

Avg pts scored: 109

Avg pts conceded: 113

See game results >>



Miami Heat [MIA] ×

Eastern conference


Results of past 12 days:

L L W L W W

Avg pts scored: 102

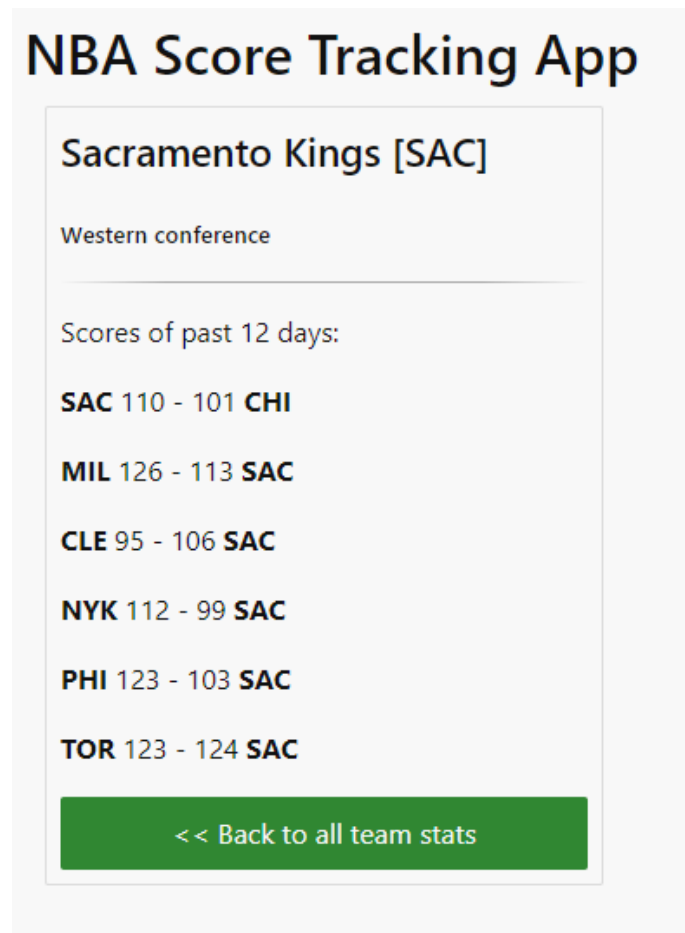
Avg pts conceded: 105

See game results >>



- The application should be able to list several teams. Teams can also be removed by clicking the “X” button on the team card.
- The “X” button (or link) should have an HTML attribute ID equal to **remove{team}** (for instance, **removeSAC** for the Sacramento Kings, and **removeLAL** for the Los Angeles Lakers), and the “**See game results**” button should have an ID equal to **results{team}** (for instance, **resultsSAC** or **resultsLAL**)

STEP #4 - Add a games results page



- Use the component router to add a **/results/:teamCode** URL that displays the team results (scores) for the past 12 days.
- Add a button on that page to navigate back to the main page (with an HTML attribute ID equal to **backBtn**)
- You can see an example of implementation with all of the needed features in this video: <https://www.youtube.com/watch?v=kGpsIMfo0qw>