Final Project Report: Web Development

General Info

**Project Title: NBA, NFL, MLB, and NHL Teams Visualization**

**Project Duration: 19 hours**

Links

**Final Project Presentation Slides Link:** [https://docs.google.com/presentation/d/1mgOpknwWWaaL5d84\_0ylvJlx1EUUxNMtnQqpbNgmBQo/edit#slide=id.p1](https://docs.google.com/presentation/d/1mgOpknwWWaaL5d84_0ylvJlx1EUUxNMtnQqpbNgmBQo/edit%23slide=id.p1)

**Site Link (Coding):** [**https://poopcaap.github.io/SI539-final/**](https://poopcaap.github.io/SI539-final/)

**Git Repository Link (Coding):** [**https://github.com/poopcaap/SI539-final**](https://github.com/poopcaap/SI539-final)

Weekly Progress 1

**Hours Spent: 5 hours**

**Challenges**

**Defining the project scope and requirements.**

**Deciding on the data sources and formats.**

**Structuring the HTML and CSS for the visualization.**

**Successes**

**Created a basic HTML structure for the project.**

**Selected suitable data sources and formats.**

Weekly Progress 2

**Hours Spent: 10 hours**

**Challenges**

**Collecting URLs for schedules of each teams(124 team).**

**Styling the web pages for a clean and user-friendly interface.**

**Successes**

**Successfully collect all schedule URL of the team**

**Improved the overall user interface with CSS styling.**

Weekly Progress 3

**Hours Spent: 4 hours**

**Challenges**

**Insert location and conference data of all teams by json file**

**Check the wrong data of json file**

**Successes**

**Correct all the wrong information of location/name data**

**Complete the import of all data.**

Final "Results" / Lessons Learned

**Finally, we completed the project report according to the provided template, and achieved responsive design and cross-browser compatibility.** **We understand that careful project planning and structuring are essential for managing complexity.**