MLB API Project Report

**Design**

The goal of this project was to design a webpage to interact with the Official MLB API to provide info and statistics about teams and players.

A NodeJS library was available for direct interfacing with this API, so I chose to utilize that for this project rather than HTTP requests. MongoDB was also used for caching the 30 team IDs from the API for quicker access. The entire project was Dockerized to allow for easier “plug and play” utility across various systems.

**Challenges**

Both the API and the Dockerization of the API proved to be extremely challenging and took up a significant amount of project time troubleshooting and patching issues, which forced me to abandon implementing more advanced statistics and functionality.

The API also had far more limited range of use than I initially thought, which prevented the implementation of team and player record querying.

**Images**

A screenshot of a login screen

Description automatically generated

A screenshot of a computer

Description automatically generated