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Software Dev I

Milestone

I decide to change my project since the proposal. I was originally doing an encrypted file that would be able to secure and encrypt documents and data. I started having trouble with it early and then changed my project to a database. I changed to this because I love playing fantasy football. The app ESPN has created is very complex and very cool which always intrigued me. I want my database to be something similar where the users can keep track of players, their favorite teams, and so on. This database will be for leagues who need to organize their players and keep track of information and stats. This will be used by fans or league managers who want to keep themselves updated on the newest acquisitions and news surrounding that league. It will keep track of where players, coaches, and organizations have moved too. This would be useful if someone wanted to make a highschool football fantasy league or, if a father wanted to keep track of a youth baseball league through the years, etc. I have multiple classes, player, coach, sport, team, and person that all will be apparent for the user in the database to sort through to see what team or player they are searching for. This can tremendously help a league that is trying to keep track of player's stats and what teams they move around too. For example if there is a youth baseball league for the town of Poughkeepsie, they have a draft every year across 10 teams. From 1st to

8th grade they can keep stats of every player in the league to see how they progress and what coach or team they play best for so that they could use this to strategically draft the following year. It would give information of every team, what color they wear, who their coach is, their wins and losses, what players are on their team, the players stats, and possibly a small bio about them or how well they work with others. This databases will be for the coaches to strategize. Many databases have been created for professional sports teams. The NFL has their very own that has everything to know about every team, player, and coach and same with the MLB, NBA, NHL, MLS and so on. This is for the fans to look up their favorite players and maybe to see who they want on their fantasy team, and for organizations to see which players they should go after or are hurting their team. The database will be searched through starting with a sport. Once the user clicks on a sport it will bring them to the team selection where they can then choose team which will show them their coaches and personal roster. This database essentially organizes leagues to make them easier and more efficient to maneuver through and to become more familiar with the people in that league. I have used many websites from, youtube, stackoverflow, github, google, MySQL, and lucid charts. Currently I am having some issues connecting to an online database which still needs to be done. There is some errors in the code that need to be sifted through and worked out for the code to connect. I also am still creating objects and further relations between classes. I may add another class and also need to create a statistics function for the given players.