CIS451

Linze Li, Jim Li

Final project summery

We are going to make a database schema of NBA 2016-2017 regular season, containing 9 tables: team, player, player\_performance, team\_performance, game, award, award\_granted, coach, injury. All data is going to be crawled from <http://stats.nba.com/>. We aimed at practicing our database manipulating skill as well as data crawling skill. We are also going to make a website that performs the functionality based on our database schema.

For basic functionality:

1. Input a team name to have the information of the team.
2. Input a player name to have the information of this player.
3. Input two team names to have the game information between this two teams.
4. Input award name to have players that were awarded.

For advanced functionality:

1. Input two player names to compare the stats of both of them.
2. Input two team names to show game info between them.
3. Input a number to show any player with equal or larger weight.
4. Input a number to have all the players with equal or higher PPG(point per game) than such a number.
5. Input a number to have all the players with equal or higher RPG(rebound per game) than such a number.
6. Input a number to have all the players with equal or higher APG(assist per game) than such a number.