/\*CMPT 354 MiniProject1

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Title:

      NBA\_Database:

Description:

       We are big NBA fans and we are inspired by the movie Money Ball, in which the manager collects and analyzes various data of players and teams to build a championship team. We design our database for NBA data analysis and data visualization gallery, which is convenient for NBA fans to get information on seasons, games, players, player performance, coaches, clubs, sponsors easily. For attributes design, we are going to have playerid, name, birthday (yyyy-mm-dd), height (non-negative float) in **Players**. Teamid, name, location in **Teams**. Name, age (non-negative integer), address, phone# (10 characters) in **Coaches**. Gameid, playerid, score (non-negative integer), venue, gamedate(yyyy-mm-dd) in **Games**. Points, rebounds, assists, steals, blocks, mins\_played in **Performance( all attributes constrained to non-negative integers)**. Seasonid, Gameid, startdate (smaller than enddate), enddate (greater than startdate) in **Seasons**. Name, Teamid, main business field, sponsorship (non-negative integer) in **Sponsors**. The users can access the database for their interest in various field of information like how much score did Stephen Curry got in last season as well as which team got most sponsorship during the season. The challenge we may face is that it is the way we fetch and update real-time data as matches take place every frequent.