

Criterion A: Initial investigation

Client

My Client is Mark Bergeron; he is the dean of physical education and main basketball coach for our school. He coaches the u19 A team which he has track of the statistics for a while, since 2001.

Present Situation

The current system for keeping track of statistics for the u19 A team basketball team works through first getting all the stats from the people keeping track of the statistics and the games official scoresheet. The following statistics that are being kept track: Games played, points, rebounds, steals, assists, blocks, 3PTM, FTA and FTM, as mentioned by my Client in the initial consultation. Once given the data, my client creates a word document and calculates the total and average of those statistics along with FT%, through the use of calculator, by manual inputting all the data and applying the appropriate mathematical operations. This process is done continuously until the end in which all the statistics are inputted into a large document. Then is given to the players.

Problems

However one of the problems with the system in the system which my client stated: "The calculations have to be done by inputting them manually and therefore can have mistakes", this is as there are no validation checks or verification checks, therefore there can be errors in them, if data is accidentally missed or repeated or inputted incorrectly or inputted in the wrong place. He also added that: "It is time-consuming to do all the calculations and format the final document", word document requires a lot of repetitive process for this system such as copy pasting and formatting which is requires a lot of time

Word Count: 272