Assumptions

1.      Data for headings, sub-heading, sub-sub-headings and requirements will be in a worksheet called Requirements

2.      The sample data does not contain sub-sub-headings, but the program needs to be able to deal with them if present

3.      Each heading, sub-heading, sub-sub-heading and requirement will be on a different row

4.      Each heading, sub-heading, sub-sub-heading and requirement will have a unique numeric string in Column A which will be its number.

5.      The starting row for the data will be row 1

6.      The string will be of the form 1, 1.1, 1.1.1 and 1.1.1.1 depending whether it defines a heading, sub-heading, sub-sub-heading or requirement respectively

7.      Requirements will always have a string that is either of the form 1.1.1 or 1.1.1.1

8.      Each heading, sub-heading and sub-sub-heading will have a text string descriptor in Column B

9.      Requirements (whether at level 1.1.1 or 1.1.1.1) will never have a descriptor i.e. their cells in Column B will be empty

10.   Data for Systems will be in a worksheet called Systems

11.   Data will be in Column A and will start in Row 1

12.   Data will be in the form of an alphanumeric string

13.   The number of systems will be variable

14.   Data for Scorers will be in a worksheet called Scorers

15.   Data will be in Column A and will start in Row 1

16.   The number of scorers will be variable

17.   Data will be in the form of an alphanumeric string

Requirements

1.      Using the data in Requirements, Systems and Scorers automate the creation of a worksheet in the same format as that shown in the example

2.      This will mean calculating an average score for the requirements that comprise each sub-heading or sub-sub-heading, and replicating this for each system listed in Systems

3.      This will mean calculating an average score for each sub-heading based on the scores calculated for each sub-sub-heading, and replicating this for each system listed in Systems

4.      This will mean calculating an average score for each heading based on the scores calculated for each sub-heading, and replicating this for each system listed in Systems

5.      Each requirement will need to calculate an average score based on the average of the corresponding cell for each Scorer