**Assignment on Equivalence Class Partition Testing**

Consider the following scenario:

Suppose a software module has one field named ‘food item’ that can accept the name of a foodstuff and a list of the different sizes the foodstuff comes in. Requirement says that food name is to be alphabetic characters (3 - 10 characters in length). Each foodstuff size is defined in kilogram (kg) and may be a value in the range of (5-15) (consider whole numbers only). The sizes are to be entered in descending order (Larger sizes first). At most, three sizes may be entered for each foodstuff. The food name is to be entered first, followed by a comma, and then followed by a list of sizes. A comma will be used to separate each size. Special characters are not allowed in this field. Spaces or blanks are to be ignored anywhere in the input.

For testing this system, use **equivalence class partitioning** to design test cases.