SCSD LO2 Tutorial

Recall that LO2 is:

*"**Explain and motivate the goals set by regulation and standards and how they influence the requirements for compliant systems"***

In assessing how well you have achieved this LO you will consider or a group of related standards can you analyse the:

1. *Quality of the analysis of a group of standards for comprehensiveness*
2. *Quality of the analysis of a group of standards for interdependency*
3. *Quality of the overview of how do they constrain the systems*
4. *Quality of the explanation of the motivation for constraints on products*
5. *Quality of the explanation of the motivation for constraints on process*

You can find your work from the last meeting in the wiki: https://www.wiki.ed.ac.uk/display/SCSDTW/SCSD+Teaching+Wiki+Home at the moment tutorial group 1 has three subgroups:

1. Driving Autonomy
2. Healthcare/AI
3. Cloud Computing

Tutorial groups 2 has one subgroup (mainly because group 1 has grown):

1. Wearables

In the previous tutorial we identified characteristics of interest for each of the groups and relevant standards to those characteristics (these are recorded in the Wiki. We use this as the starting point for the next activity.

1. For this activity we will work in pairs. If there are an odd number of people in the group have one trio.
2. Agree with your partner which characteristic you both have some interest in and each choose one of the standards associated with your characteristic (probably choose ISO, EN, or BS standards so you can easily download). If there is only one standard listed make the other choice a lifecycle like ISO 12207. Download them so you have them to hand. This will take around **5 mins** maximum.
3. Start a new wiki page and record the two standards you are considering. This will take around **5 mins** maximum.
4. Look at section 1 of your chosen section, take **10-15 minutes** to do this.
5. Discuss with your partner(s), identify and record on your wiki page:
   a. Aspects of the characteristic you have chosen that are not properly covered by the two (or three) standards you have considered.
   b. The relationship between the two standards – do they cross refer? Is it one-way or two-way.

c. Can you identify standards that cover the gaps you have identified in (a) above and record them?
d. Can you think of some aspect of a software product that would violate the requirements of one or both of your standards?
e. Can you outline what you see as the benefits of complying to your standards?