

Preparing for Interactions and Impact

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Introductions

Content

Area of Study 2: Interactions and impact

Focus

In a globalised economy and society, organisations are increasingly dependent on data supplied by other organisations. The integrity of the supplied data can affect the ability of an information system to achieve objectives. In this area of study students focus on the **interactions between information systems that share data and how the performance of one of these systems is dependent on the integrity of the data**. For example, timely and accurate weather reports generated by one information system can be used by an airline's information system to reschedule flights, reducing risks to commuters.

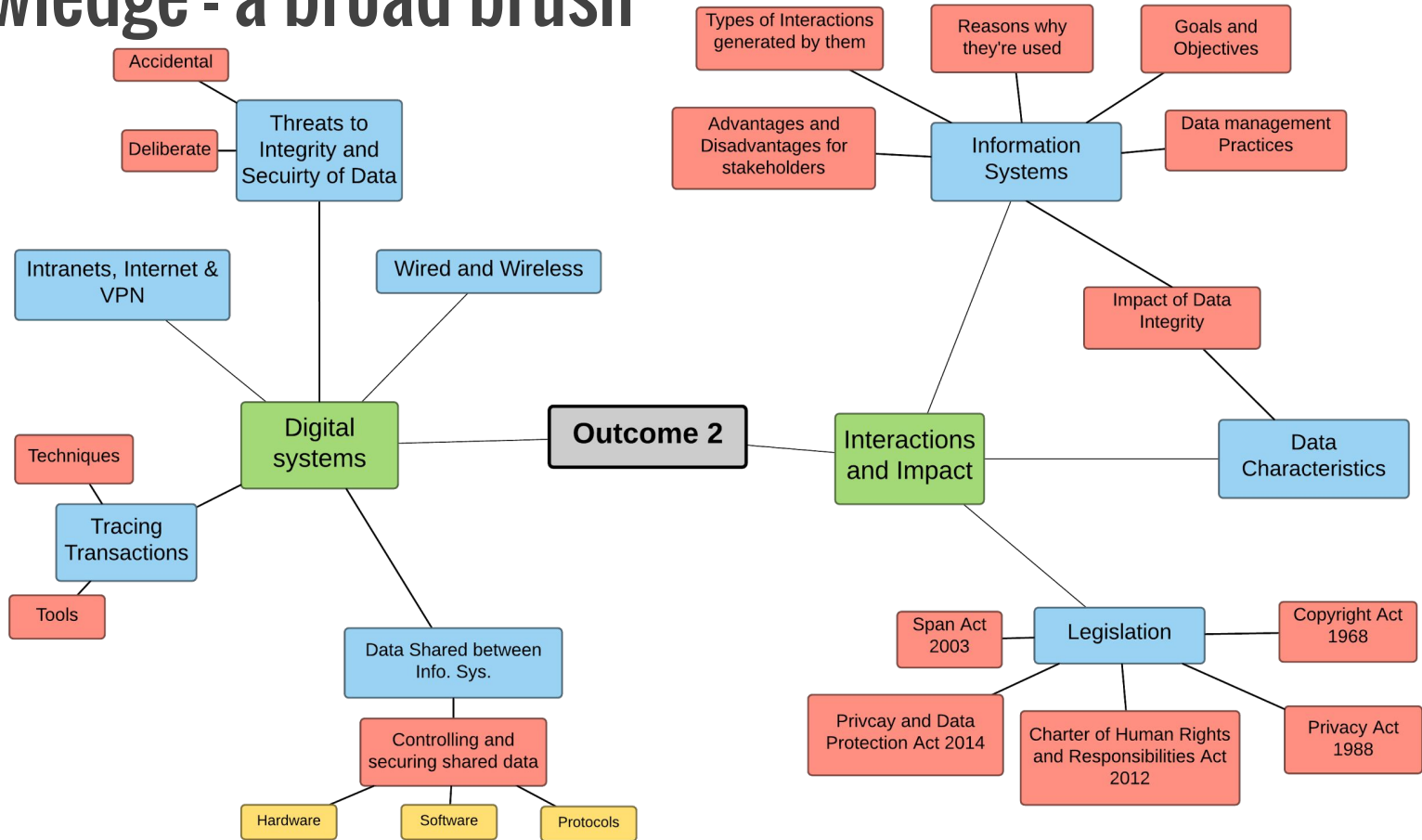
Expected Understandings

Students apply systems thinking skills when examining information systems that share data. They develop knowledge of **factors that influence the integrity of data** and consider **processes used** within information systems **to manage the storage, communication and disposal of data**. Students investigate the **capabilities of information systems operating in a networked environment** and how these systems can be secured to enhance the integrity of data. They examine the importance of applying technical protocols when interacting with information systems and the consequences of violating these protocols.

Outcome 2

Analyse and explain the dependencies between two information systems and evaluate the controls in place in one information system to protect the integrity of its source data.

Key Knowledge - a broad brush



**Creating an appropriate SAC
for this outcome**



Where to

START

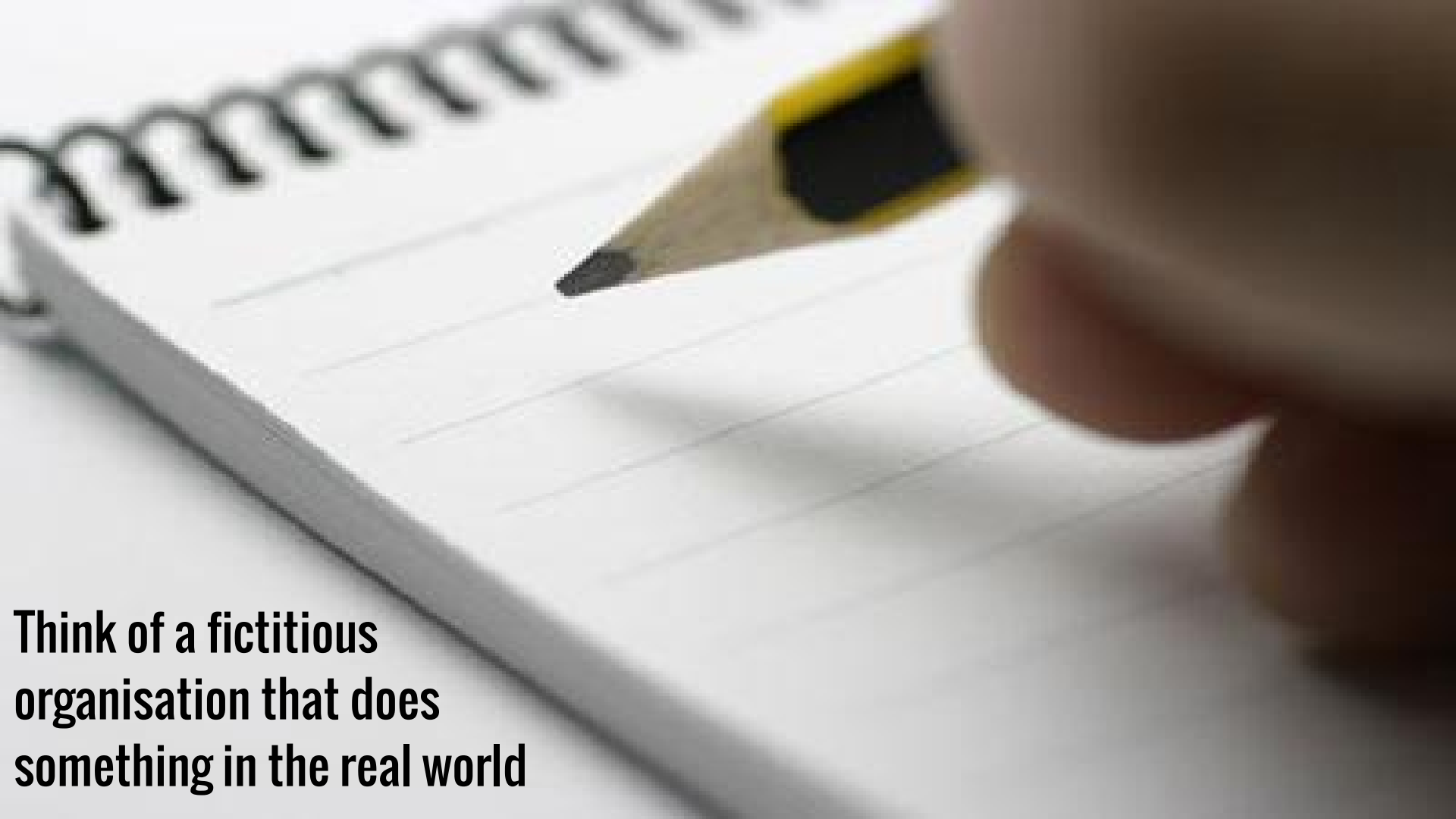
Case study or questions?



**Make a list of the
key knowledge and
skills you want to assess**

Draft
questions
based on the
key knowledge
and skills





**Think of a fictitious
organisation that does
something in the real world**



Write a story involving your organisation...

Once Upon a Time

**...based around the questions
you drafted earlier.**



**Refine questions
based on the narrative...**

**...by including references to
the organisation**

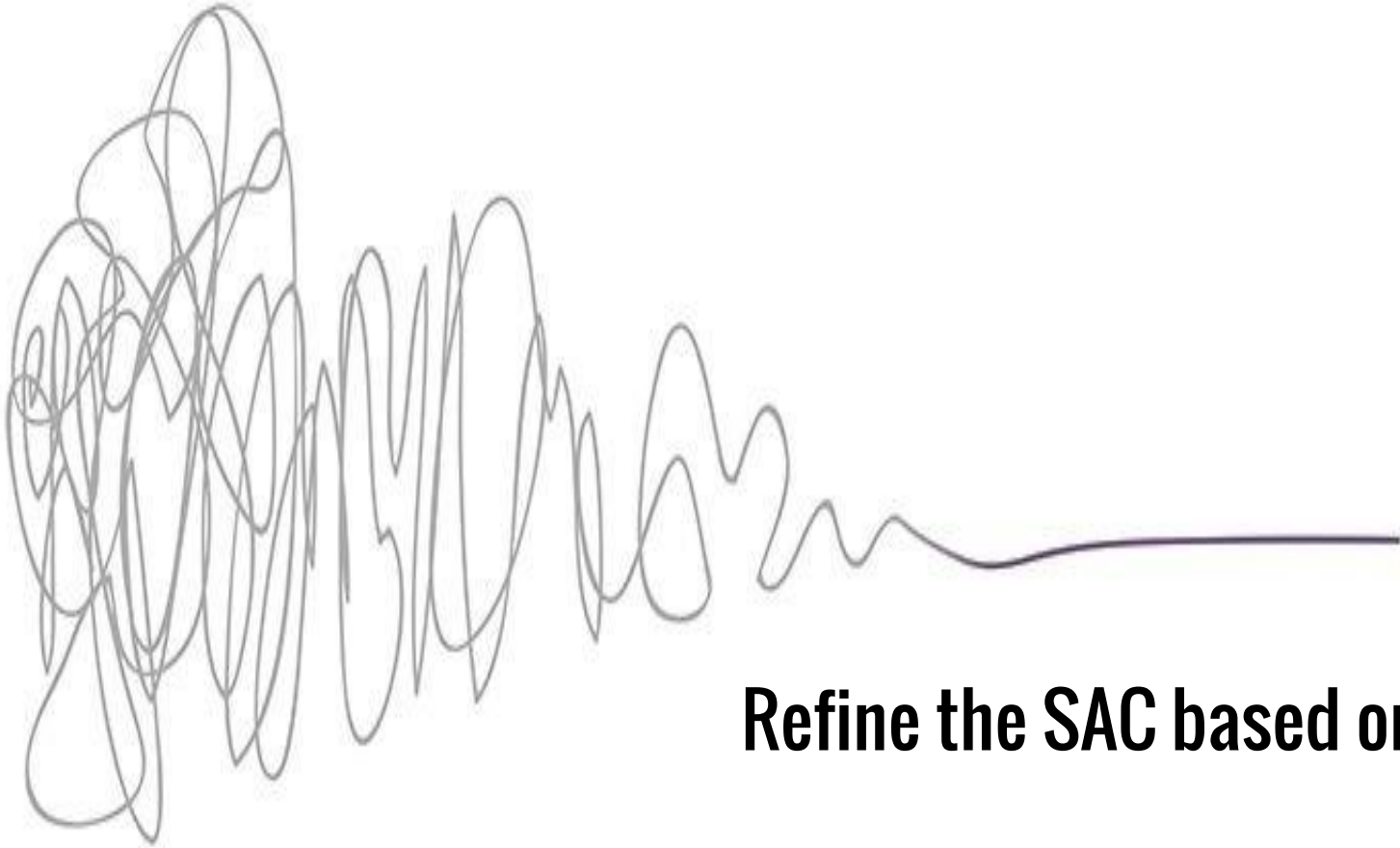
**Write the solutions
to the SAC using only the
case study**



Answers

Share with peers (or the EduLists) and seek feedback





Refine the SAC based on feedback

Questions & Networking