Project DQ | **Aligning the Components**

The following are examples of strategies that the UT team has chosen to communicate the content of the first module, Security & Data Protection, to the learners.

Outcome and type of learning	Assessment	Activity
Outcome : Learners will recognize what makes a password strong and weak **Type of learning :** Rule	multiple choice	**Strategies :** *Review of component concepts* - Learners will be presented with slides pointing out and discussing the concepts, including the do's and dont's of password creation. This information will be presented in a graphic. *Rule uses* - Learners will also be shown examples of strong and weak passwords. Based on this, learners will be asked to create a strong password.
Outcome : Learners will identify tips to remember passwords **Type of learning :** Concepts	fill-in-the-blank	**Strategies :** *Demonstrations* - Learners will create a password using the do's for a strong password. They will type it into the blank space provided. Then, after several minutes of instruction, they will be asked to re-enter the password they created. This will demonstrate the complexity of memorizing passwords. *After this, learners will be shown an interactive slideshow with tips on how to help remember passwords.*

Outcome : Learners will differentiate between a "fake" and real email **Type of Learning :** Concepts	true / false	**Strategies :** *Demonstrations* - Learners will be shown a multimedia presentation with examples of different correspondences. Examples of terms and features that make a correspondence fit under a specific "concept class" will be emphasized.
Outcome : Learners will recognize the different types of malware **Type of Learning :** Verbal Information	matching	**Strategies :** *Clustering or chunking* - Learners will be introduced to different types of malware (spyware, adware, viruses, etc.) via a multimedia presentation that utilizes patterns to streamline the process and reduce the risk of cognitive overload.
Outcome : Learners will identify the risks of an easy-to-breach password **Type of learning :** Rules	multiple choice True or False	**Strategies :** *Review the component concepts* - Concept will be introduced through an animation of a key and several doors, each representing a different account that has a password. Risks (statistics) will be discussed after opening each door through this animation. *Rule uses* - Sample situations will be given of easy-to-breach passwords and related risks.

Other strategies that will be used in Module 1 :

Clustering & Chunking - All information will be chunked in a way that makes content more meaningful to the learner; content will be introduced with other, similar content.

Repetition - Learners will practice the content at the end of each of the four sections in the module via formative testing. After each of these "practice" tests, learners will be given prescriptive feedback. The questions posed in the formative evaluations will also be similar to those of the summative in structure.