The Virtual Simulation Process

2 – Conceptualize the Overall Experience

**Part 1**

Now that you know which course the virtual simulation will be situated and the tentative learning outcomes, we can begin to delve a little deeper and formulate a clear purpose statement for the virtual simulation.

The purpose statement should be clear and concise. The purpose statement will help you write the virtual simulation case scenario and your learning objectives. These learning objectives will help to formulate the decision point questions. When writing your purpose statement reflect on what you hope for your students to achieve.

Example:

Purpose: Conduct a health history interview of an older female client who admitted herself for a three-week respite stay at a retirement home following a recent hip fracture and surgery due to a fall.

The verbs in the learning objectives will help your students to anticipate what is expected from the virtual simulation and what outcomes the students are expected to achieve.

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| **Write a potential purpose statement for your virtual simulation here:** |

Now we have a clear purpose, we can break down the learning outcomes into specific learning objectives. These learning objectives can be re-worded into the virtual simulation as decision point questions or could be met through activities.

**Part 2**

**Learning Outcomes** are the larger goals of the virtual simulation that should demonstrate what the student should be knowledgeable in but the end of the simulation. There should only be 3 to 4 learning outcomes for the virtual simulation.

For example:

1. Determine strategies to implement that supports holistic family care.
2. Explain legal complications when providing family care.

These learning outcome examples reflect what the learner will be able to achieve after participating in the virtual simulation. **You have prepared these in the previous document. Copy and paste them below:**

**Learning Objectives** are more specific and describe the tasks, skills and abilities that the learners need to demonstrate throughout the simulation to achieve the overall learning outcomes. Each learning objective needs to link to one of the learning outcomes.

When creating learning objectives, it is suggested to use Bloom’s taxonomy action verbs. The higher levels (i.e., application, analysis, synthesis and evaluation) encourages the learner to demonstrate their critical thinking and problem-solving abilities. **Feel free to create more than one learning objective in each category of Bloom’s taxonomy and for each learning objective. An average simulation has a total of 6-10 learning objectives.**

For example:

1. Application
   * Blooms: Apply, Demonstrate, Identify
   * Example: Apply holistic family care principles to when interviewing a child.
   * Virtual simulation activity: you could use multiple selection to identify all emotional principles, or any other aspects of holistic care.
   * **Create your own learning objective:**
2. Analysis
   * Bloom: Arrange, Examine, Prioritize
   * Example: Prioritize the legal action of duty to report in foster care.
   * Virtual simulation activity: you could use order the steps to prioritize the legal actions.
   * **Create your own learning objective:**
3. Synthesis.
   * Bloom: Construct, Develop, Integrate
   * Example: Integrate an anti-oppressive intervention to family care.
   * Virtual simulation activity: you could use a multiple-choice question to identify the type of intervention.
   * **Create your own learning objective:**
4. Evaluations
   * Bloom: Assess, Evaluate, Determine
   * Example: Determine risk factors that impact ethical standards to social service work.
   * Virtual simulation activity: Could use multiple selection to identify the various risk factors decision.
   * **Create your own learning objective:**

**Part 3**

You have now developed the foundation of your virtual simulation. The next step is to base the foundation in a realistic case scenario.

Brainstorm a case scenario that has defined start and end points.

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| **Answer the following questions to begin to script your ideas:**   * **Who is the patient?** * **What is their background information? Medical? Social? Family? Other?** * **Where does the scene take place?** * **What interprofessional team members are involved (if any)?** * **What is the patient’s reason for seeking care?** |

**Part 4**

Now that you can visualize the virtual simulation case scenario, the next step is to determine how you would like to illustrate the virtual simulation.

* Reflect on how the learning outcomes will be achieved.
* Reflect on how the learning objectives will be illustrated and answered throughout the simulation by the students.

The virtual simulation purpose, learning outcomes, objectives, and case scenario will help you to choose what is most appropriate modality to realistic test your students’ knowledge on the content.

Determine which modalities you will incorporate into the virtual simulation.

* Videos with live actors
* Real images of clinical
* Illustrated images
* Written content with virtual simulation activities
* Reflective questions
* Or a hybrid of all the above options.