COGNITIVE LOAD SCALE (CLS)

NAME: _____ DATE _____/_____/_____

INSTRUCTIONS:

Instructions: Please rate the following statements based on your experience using NVIDIA Omniverse for real-time simulation tasks. Use the scale below to indicate the level of mental effort and frustration experienced.
1 - Strongly Disagree. 2 - Disagree. 3 - Neutral. 4 - Agree. 5 - Strongly Agree

CLS QUESTIONS:

RATING SCALE:

Rating (1 - 5)

Mental Demand

The simulation tasks required significant mental effort to complete.

I found it mentally exhausting to complete tasks in Omniverse.

The cognitive effort needed to use Omniverse was too high.

I had to concentrate intensely to complete tasks successfully.

Task Complexity

The simulation tasks in Omniverse were too complex.

I needed extensive problem-solving skills to complete tasks.

The amount of information I had to process was overwhelming.

Frustration Level

I felt frustrated while using Omniverse.

I had difficulty understanding how to use certain features.

The effort required to complete a task was not worth the outcome.

Confidence and Usability Issues

I felt confident while completing tasks in Omniverse. (Reverse scored)

I frequently made mistakes due to the system's complexity.

The interface helped reduce my cognitive workload. (Reverse scored)