# Expert Interaction Guide: Adaptive Architecture Validation

## Purpose

This activity is part of a doctoral research project aimed at evaluating the conceptual and structural clarity of an adaptive learning architecture that integrates UX, Gamification, Generative AI, and Adaptation mechanisms.

## Instructions for Participants

1. Observe the Physical Model:
   1. Familiarize yourself with the labeled components.
   2. The key modules are: Adaptive (Inferring Engine, Adaptation Engine e Interactive System) Generative AI, Gamification y User experience (UX).
2. Manipulate the Components:
   1. Move the pieces freely.
   2. Explore how the elements could connect to form a coherent architecture.
3. Reconfigure the Structure:
   1. Assemble the model in a way that, in your opinion, reflects the most functional and pedagogically sound design.
4. Answer the Evaluation Instruments:
   1. Complete the Component Feedback Survey.
   2. Complete the SUS Usability Questionnaire.

a.  b.

## Important Notes

* There are no right or wrong configurations.
* Your expertise is highly valued in improving this model.
* Please be honest and thoughtful in your feedback.

# Consent Form (Voluntary Participation)

**Study Title:** Validation of Adaptive Learning Architecture via Expert Interaction

**Researcher:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

## Purpose of the Study

This study seeks feedback from experts in educational technology to validate and improve a proposed learning architecture through physical interaction.

## Participation

* Your participation is voluntary.
* You may withdraw at any time without consequence.
* No personal data will be published or disclosed.

## Data Use

* Your feedback will be anonymized.
* The interaction session will be recorded (video or photo) strictly for research and analysis purposes.
* The data will not be published and will only be accessible to the research team.
* The data will only be used for academic research and improvement of the proposed architecture.

## Consent

By signing below, I acknowledge that:

* I am aware that the session will be video recorded for research purposes only.
* I have read and understood the purpose of this activity.
* I voluntarily agree to participate.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_