CIS 489 – Pilot Studies
Dr. Watson
March 17ᵗʰ, 2025
Bailee Strait

Participant was given this QR to access the post-task survey:

Pilot Participant:

For the sake of time, participant was asked to only complete the tutorial for both platforms.

Participant completed the first set of tasks on the Nintendo Switch console.

Participant completed the second set of tasks on the PC platform.

Participant found more confusion with controls and keys associated with the keyboard than on the Nintendo Switch.

Survey Results:

Participant initially failed to answer the first 4 sections of the survey.

Participant felt that many questions within the survey (taken directly from the PXI Theoretical model) were redundant as the answer could be found in previous questions.

Participant recognized a flaw in the survey (Number 1 was "strongly agree" while Number 10 was "strongly disagree", this was fixed)

Participant was asked to retake the surveys.

UPDATES:

Since running the initial pilot study and gathering data, a few additional changes have taken place:
- All data received from the Google Form will now populate a Google Sheets page to keep track of the Participant, Platform, and Answer Received for each question.
- After some more research, the PXI is ideally measured on a 7-point Likert scale, from -3 to +3 with a neutral 0. **Due to the constraints given by Google Forms**, I have adjusted the scale to display 1 as "Strongly Disagree" with 7 being "Strongly Agree" with 4 acting as the neutral.
- I have further updated the survey to remove sections identifying questions by their given constructs (i.e., "Ease of Control") and will only be using those titles when analyzing and organizing the data.
- I have further updated the survey description to provide greater clarification for each number value (i.e., "2 – Disagree", "5 – Slightly Agree", etc.).
- I have changed the settings of the survey to randomize the presentation of questions to the participant so that they are unable to anticipate or identify what they may have answered for other items in the same type of construct.
- **EVALUATING DATA**:
  - According to the official PXI documentation, a step-by-step outline of how to analyze the data is currently under development, so for my study, I will be choosing to compare the total values for each platform survey done by a participant.
  - All data will populate a Google Sheets: https://docs.google.com/spreadsheets/d/17cNKpghh6-Uel_kYrztZUPwWb2ToOKsW92-nnJE-Mg0/edit?usp=sharing