

B Appendix: Storyboards Design

B.1 Experimental Design Overview

| Privacy Negotiation Routes |
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| R1: Tenant Initiated – Monetary Compensation – Acceptance |
| R2: Tenant Initiated – Monetary Compensation – Declination |
| R3: Tenant Initiated – Physical Adjustment – Acceptance |
| R4: Tenant Initiated – Physical Adjustment – Declination |
| R5: Host Initiated – Monetary Compensation – Acceptance |
| R6: Host Initiated – Monetary Compensation – Declination |
| R7: Host Initiated – Physical Adjustment – Acceptance |
| R8: Host Initiated – Physical Adjustment – Declination |

Table 2: Summary of the eight privacy negotiation routes, categorized by Privacy Negotiation Initiator (tenant initiated vs. host initiated), Privacy Negotiation Strategy (monetary compensation vs. physical adjustment), and Outcome (acceptance vs. declination).

B.2 Manipulation Check

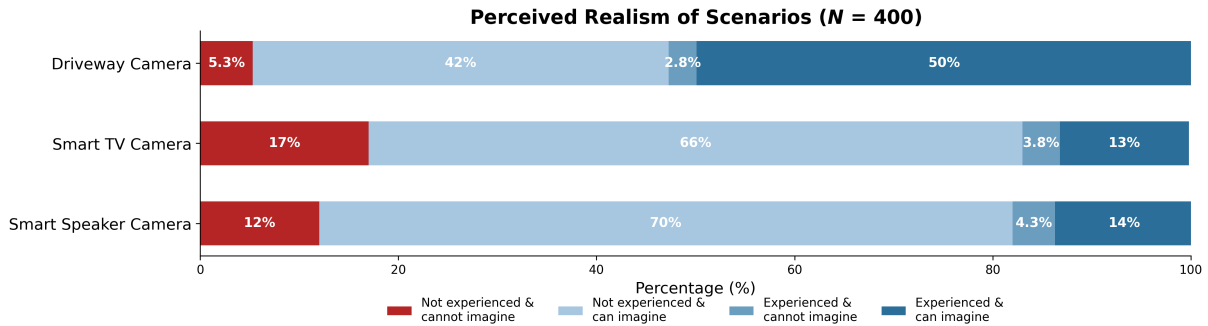


Figure 3: Distribution of perceived realism responses across three device contexts. Participants indicated whether they had experienced similar situations and whether they could imagine them occurring. Blue segments represent participants who perceived the scenarios as realistic (experienced and/or can imagine), while red segments represent participants who did not (neither experienced nor can imagine). Across all three device contexts, most participants perceived the scenarios as realistic: 94.7% for Driveway Camera, 83.0% for Smart TV Camera, and 88.3% for Smart Speaker Camera.