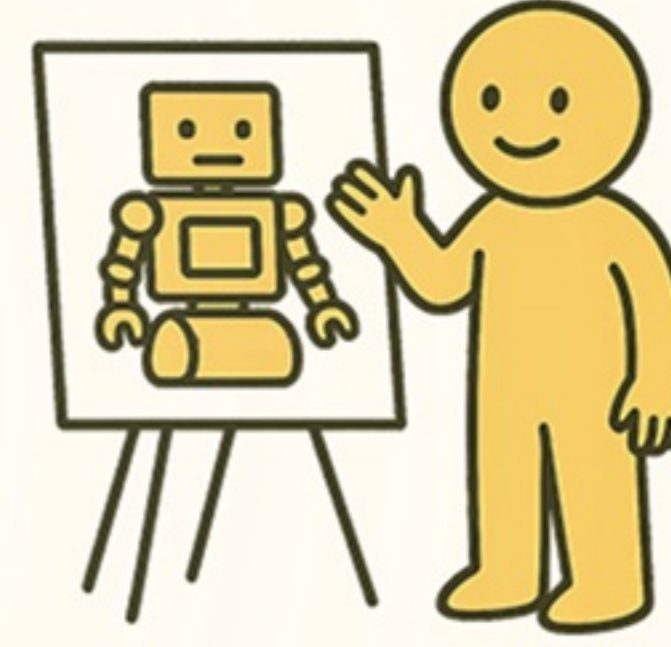


Four Main Participant Retention & Engagement Strategies

Shared Memory & Recap

- Short recaps at the start of each workshop
- Weekly running notes documenting current progress and next week's agenda
- Shared folder storing all outputs

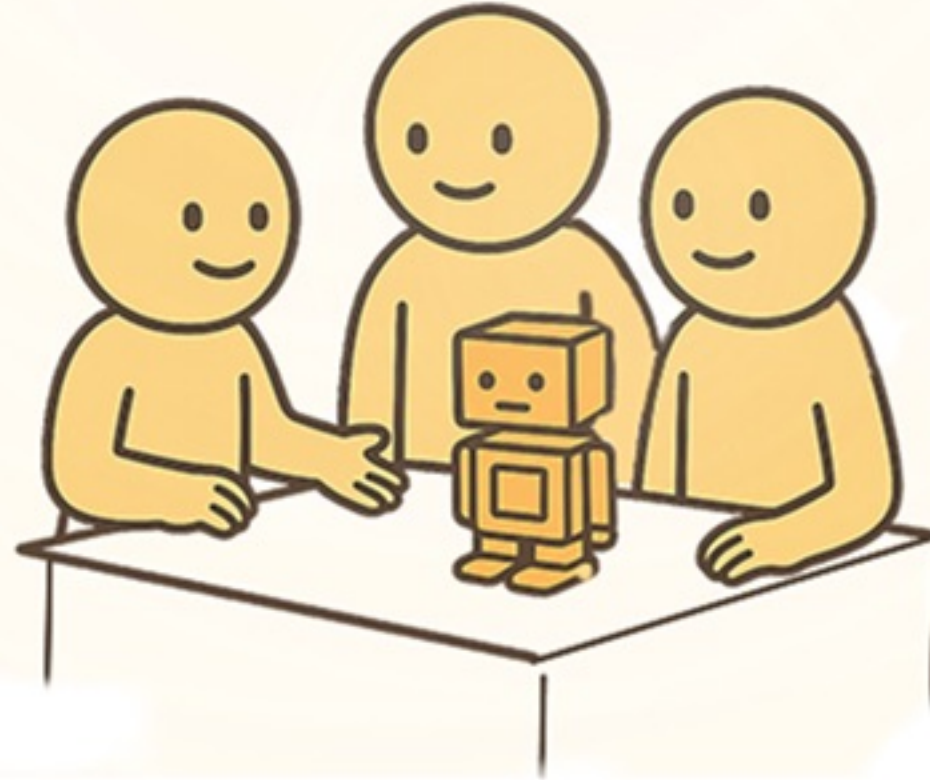


Visible Progress & Ownership

- Participants share milestones
- Regular “show-and-tell” moments
- Midpoint check-ins to gather feedback for improving upcoming sessions

Team-Based Catch-Up

- Stable teams maintain collective memory
- Teammates brief absentees
- Reduces individual pressure and frustration



Ongoing Communication & Support

- Asynchronous updates via email outside of formal sessions
- Sustains engagement and reduces frustration

Four Main Roles Our Research Team Played

Facilitator



Prepares materials and facilitates co-design activities, such as panel discussions.

Consultant



Provided interdisciplinary support on design, feasibility, and prototyping when needed.

Data Collector



Collected and analyzed data from interviews, artifact analysis, and group discussion.

Co-Learner



Learned alongside participants through mutual exchange of expertise and ideas.

Integrating Healthcare Domain Knowledge Before, During, and After Co-Ideation

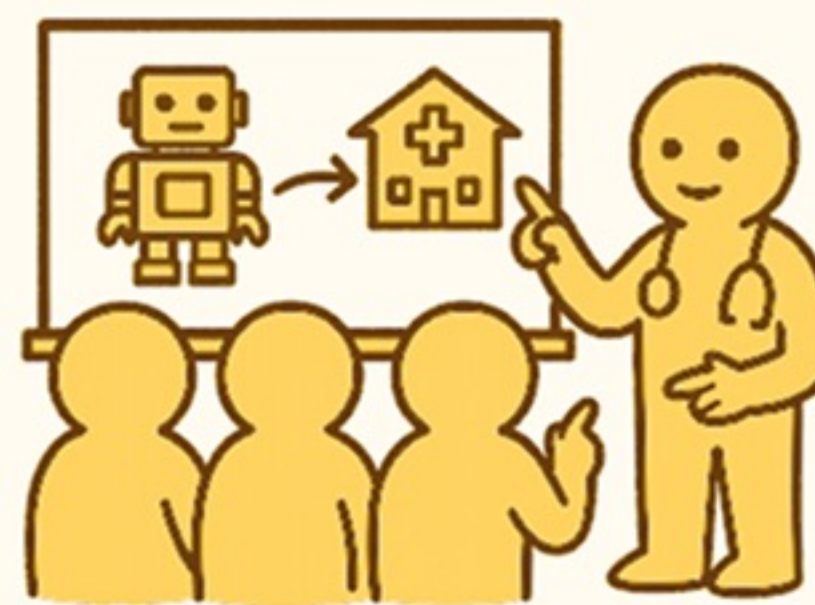
Pre-Design Domain Activation

HCWs introduced workflows via virtual reality, panels, dollhouse mapping, and site visits.



During-Design Embedded Grounding

HCWs guided spatial/temporal/safety reasoning in team co-ideation.



Post-Design Prototype Validation

HCWs validated concepts and prototypes for workflow fit.

