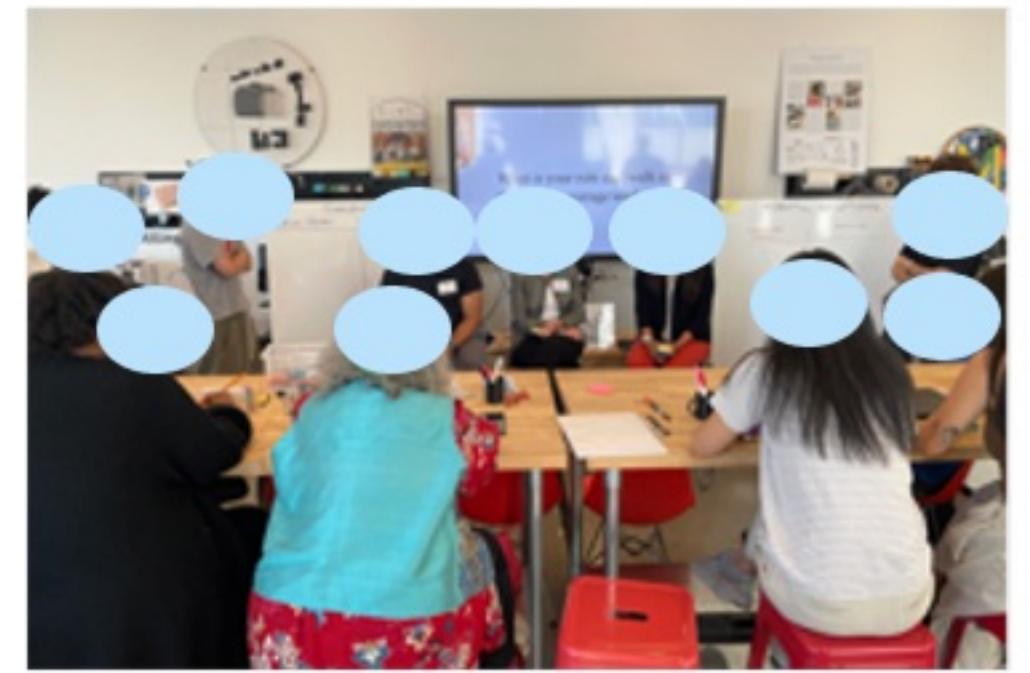


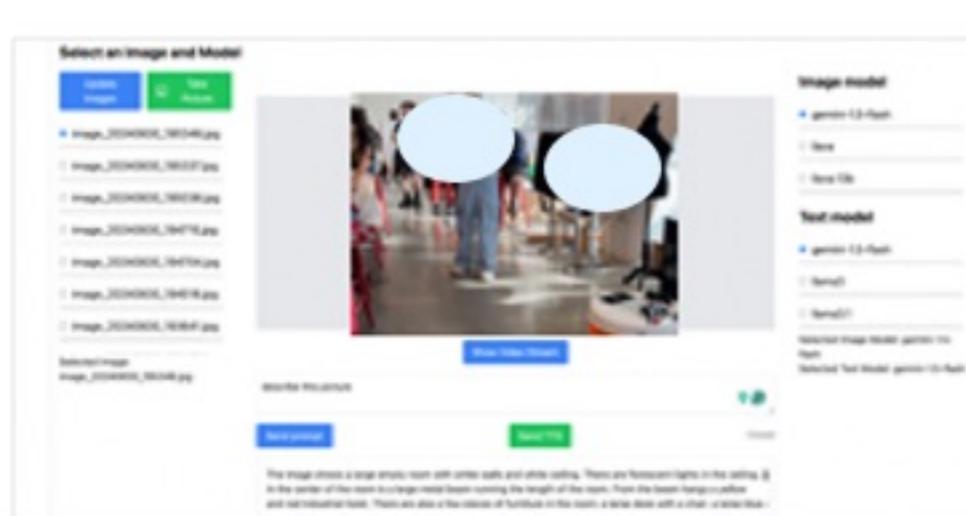
Week 1

N**Healthcare Stakeholder Panel**

Discussed challenges in healthcare workflows and ideated about potential robotic solutions

**E****Robot Demonstration**

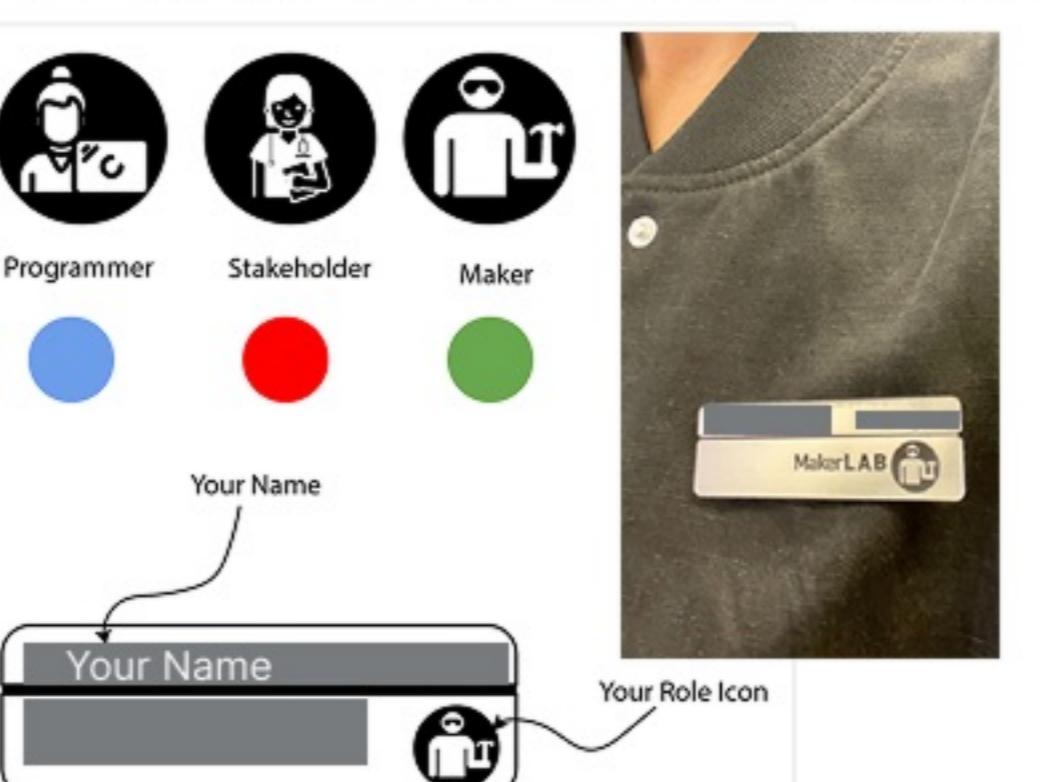
Demonstrated the robot's navigation and speech capabilities using a custom-designed interface



Week 2

E**Laser Cutting Activity**

Introduced laser-cutting skills through making a 3"x1" name tag

**N****Dollhouse Activity**

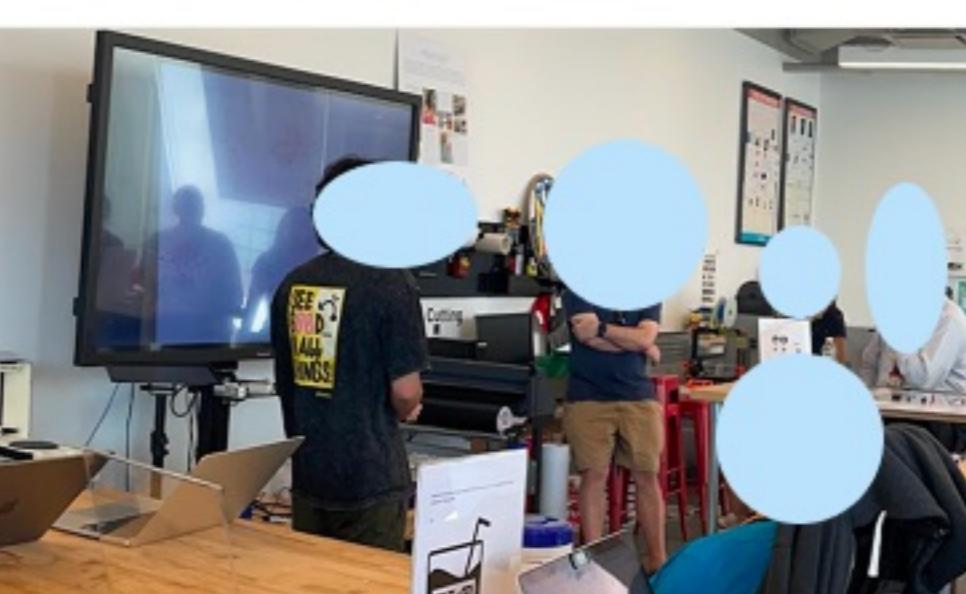
Created scaled-down models of healthcare facilities and reflected on workflow challenges



Week 3

E**Co-creation through Storyboarding**

Introduced storyboarding as a co-creation method and shared examples

**M****Co-creation through Storyboarding**

Created storyboards that visualize human-robot interaction scenarios in healthcare settings



Week 4

I**E****Show & Tell Series**

Invited artists to showcase hybrid wood- and metal-working techniques and share prototyping insights

**M****Inclusive Paper Prototyping Activity**

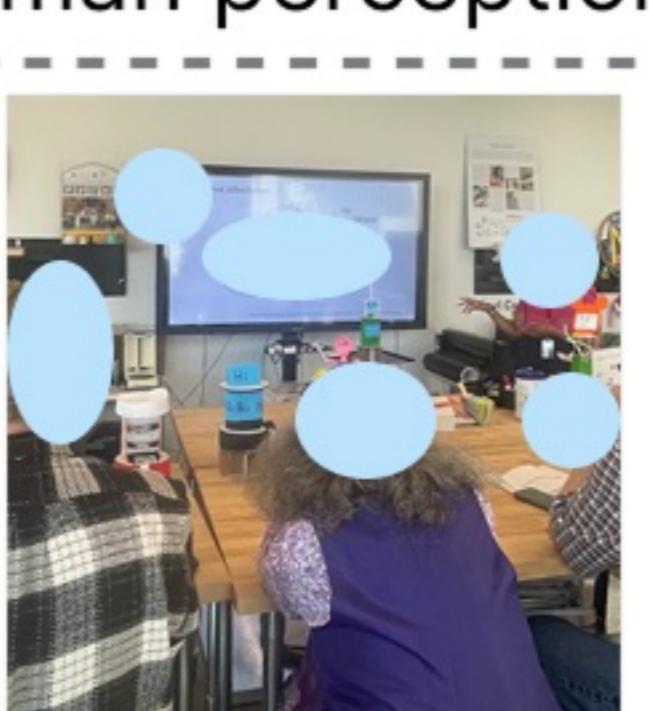
Participants reflected on the robot's role in interactions, capabilities, form factor, and HRI



Week 5

I**A****Introduction to Robot Affordances & Forms**

Researchers introduced robot affordances, interaction modalities, and factors shaping human perception

**M****Cardboard Prototype Reflection and Refinement**

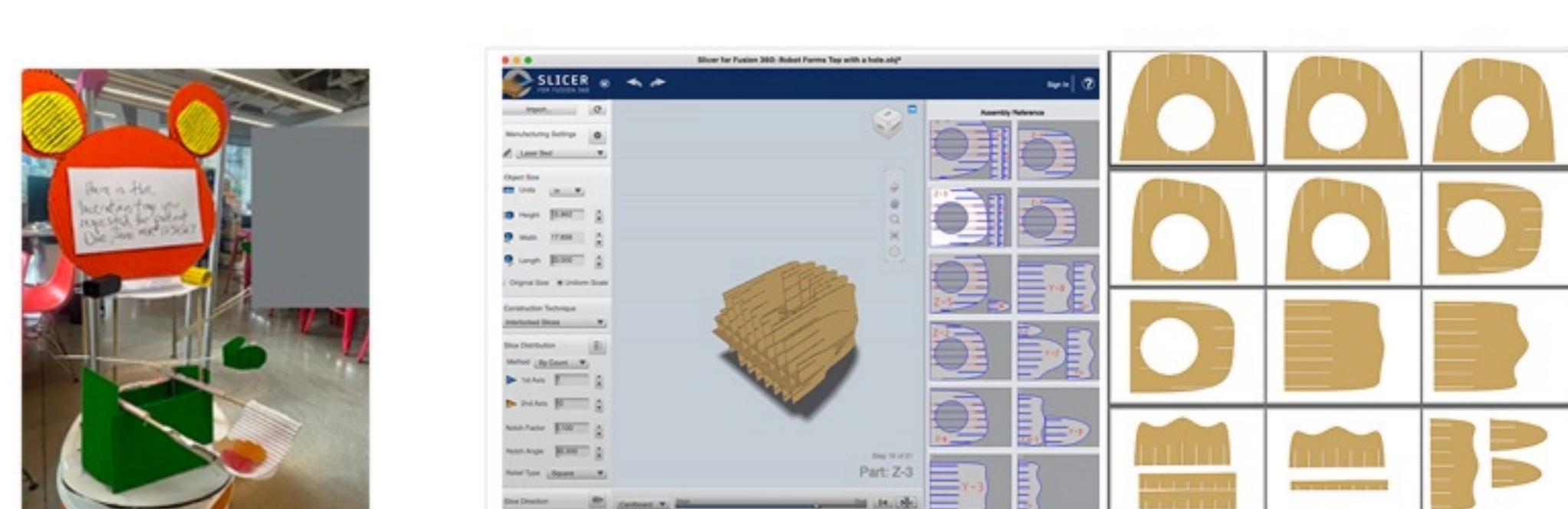
Participants refined robot design, roles, use cases, user groups, features, and interaction modalities



Week 6

E**Introduction to 3D Modeling and Prototyping Tools (Preparation for Upcoming Full-Scale Prototyping)**

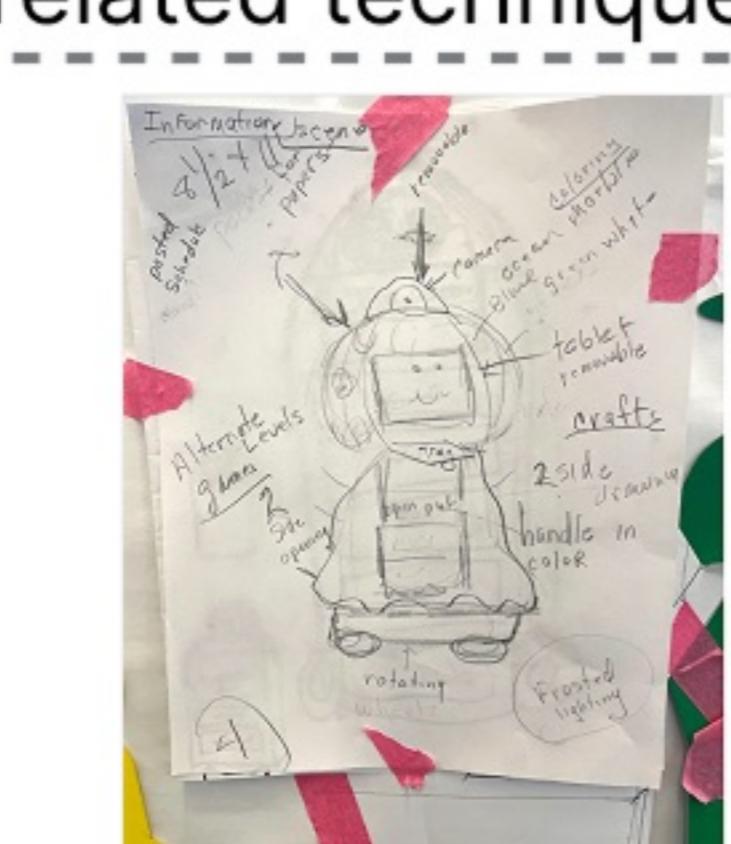
Introduced scanning, exporting, and editing 3D models, guiding participants to design basic forms in preparation for upcoming full-scale prototyping



Week 7

D**E****"Let's talk more about Robots" Session**

Researchers introduced robotics topics in greater depth, including historical developments, healthcare applications, engineering trade-offs, and value alignment considerations

**M****Planning for Full-Scale Prototyping**

Researchers supported full-scale prototyping planning and advised on related techniques

Week 8

E**Show & Tell Series**

Invited craftspeople and artists to share their creative journeys, techniques, and prototyping experiences

**M****Continue on Full-Scale Prototyping**

Began an in-depth discussion on materiality, production, and the roles of mechanical versus electrical components



Week 9

E**Robotic Lab Tour & Tech Session**

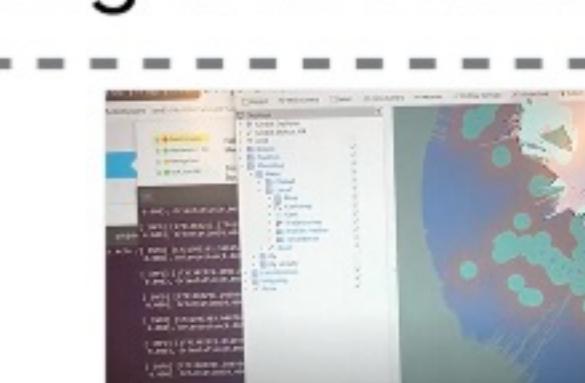
Participants visited a robotics lab; A participant shared how LEDs can be used as visual indicators



Week 10

D**Control & Operation system**

Researchers introduced technical topics including robot control, navigation, mapping, multimodal sensing and interaction

**M****Continue on Full-Scale Prototyping**

Week 11

I**E****Show & Tell Series**

Artists and makers shared their journey of creating and exhibiting interactive, participatory art

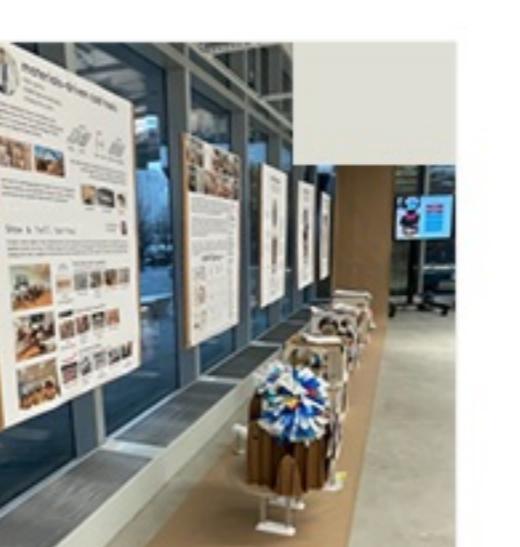
**M****Wrapping up Full-Scale Prototyping****S****Preparation For Showcase**

Researchers created posters and developed an interface to demonstrate robot interaction experience

Week 12-13

A**S****Public Showcase**

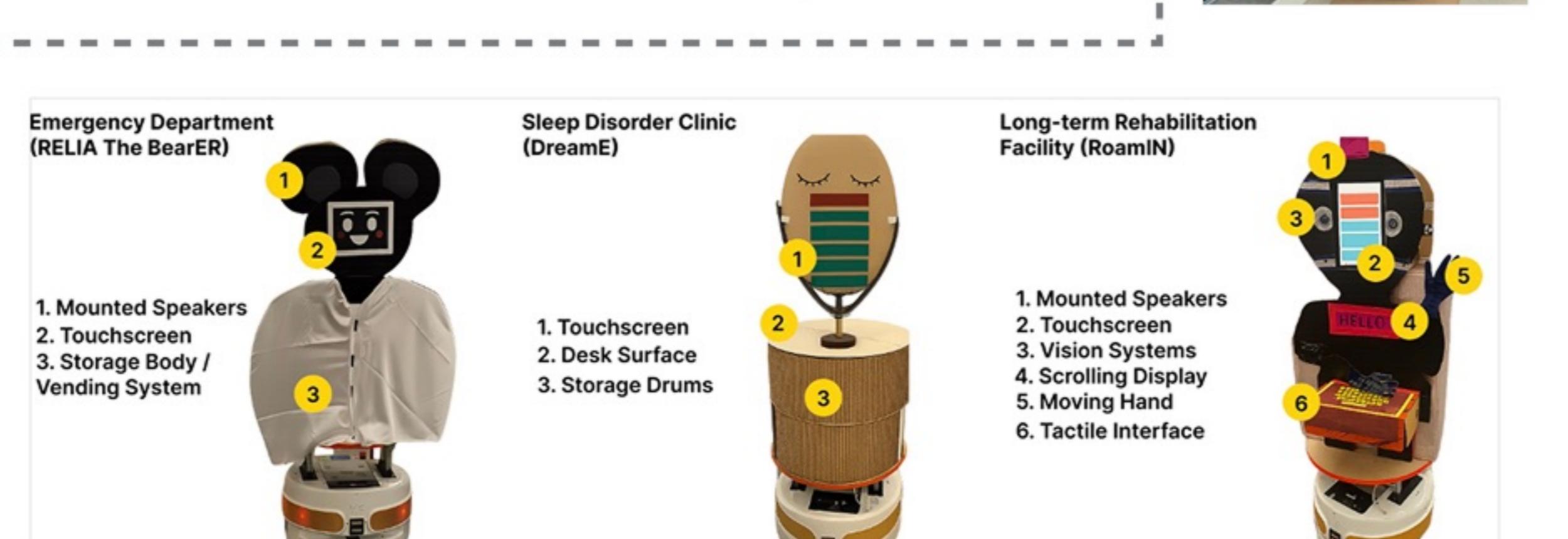
Showcased final prototypes and the journey of co-creation; Presented as part of a university-hosted public event on innovation and impact



Week 14

S**Public Showcase**

Showcased final prototypes and the journey of co-creation; Presented as part of a university-hosted public event on innovation and impact

**Key Activity Type****E** ×11 Educational Session**N** ×2 Need Identification**S** ×2 Public Showcase**M** ×10 Milestone activities: Storyboard, cardboard prototype, full-scale prototype**Data Collection Type****I** ×4 Interview**A** ×3 Artifact Analysis**D** ×2 Post educational session discussion