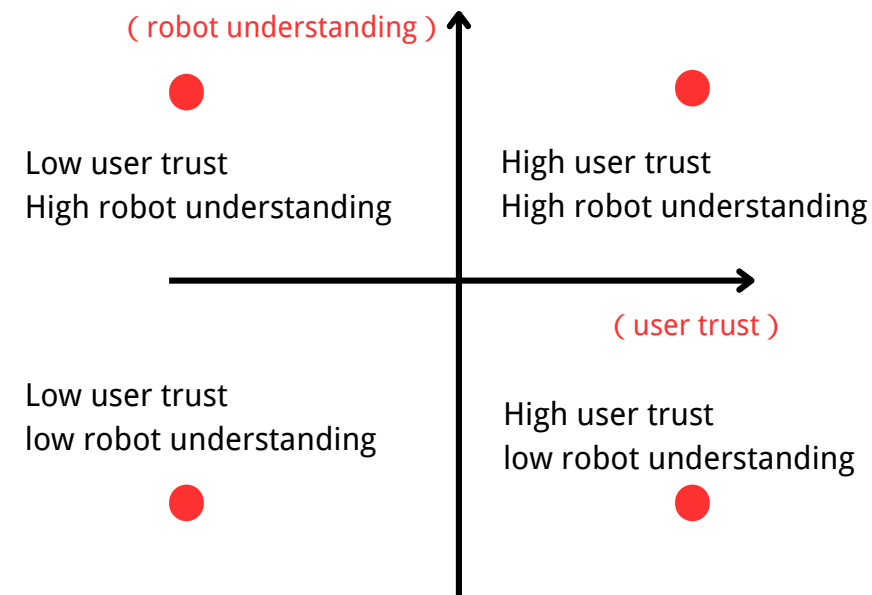


ELDERLY CARE

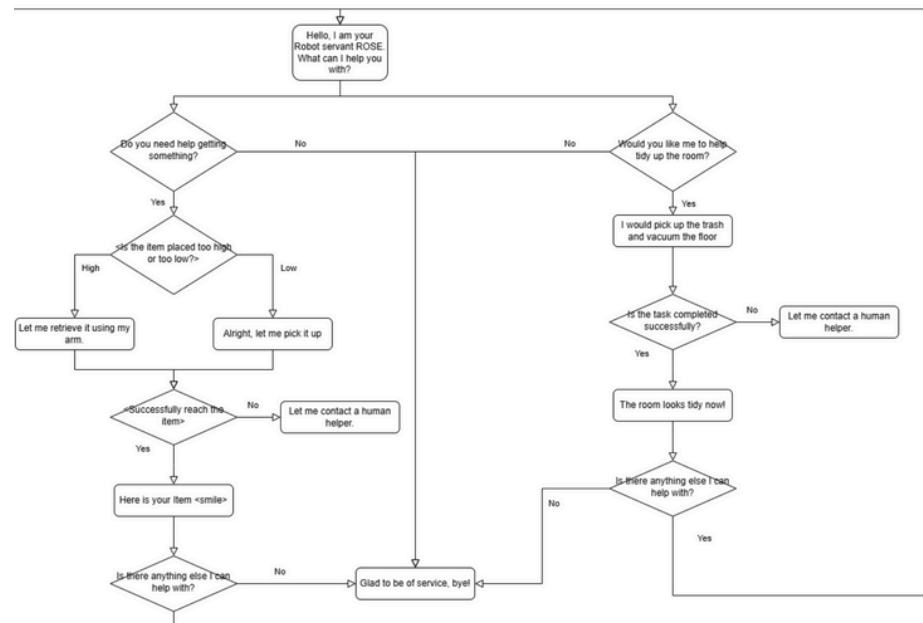
(Helping Hands / Tidy Living / Daily Health Check)

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Weiwen Cai s3439666

SCENARIO BUILDING



BEHAVIOUR DESIGN



EXPRESSIVENESS

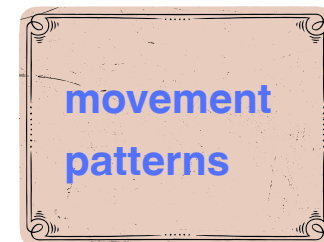
step1: Scenario Scripts
(e.g.elderly hesitant to take medicine)



step2: Expressive Cue Cards



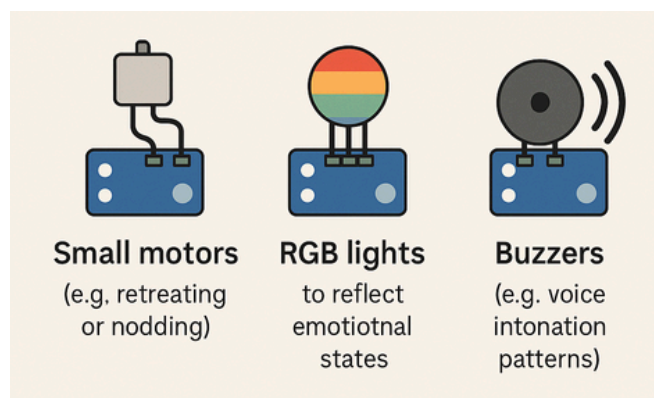
emotional or intentional state



suggestions for multimodal expression

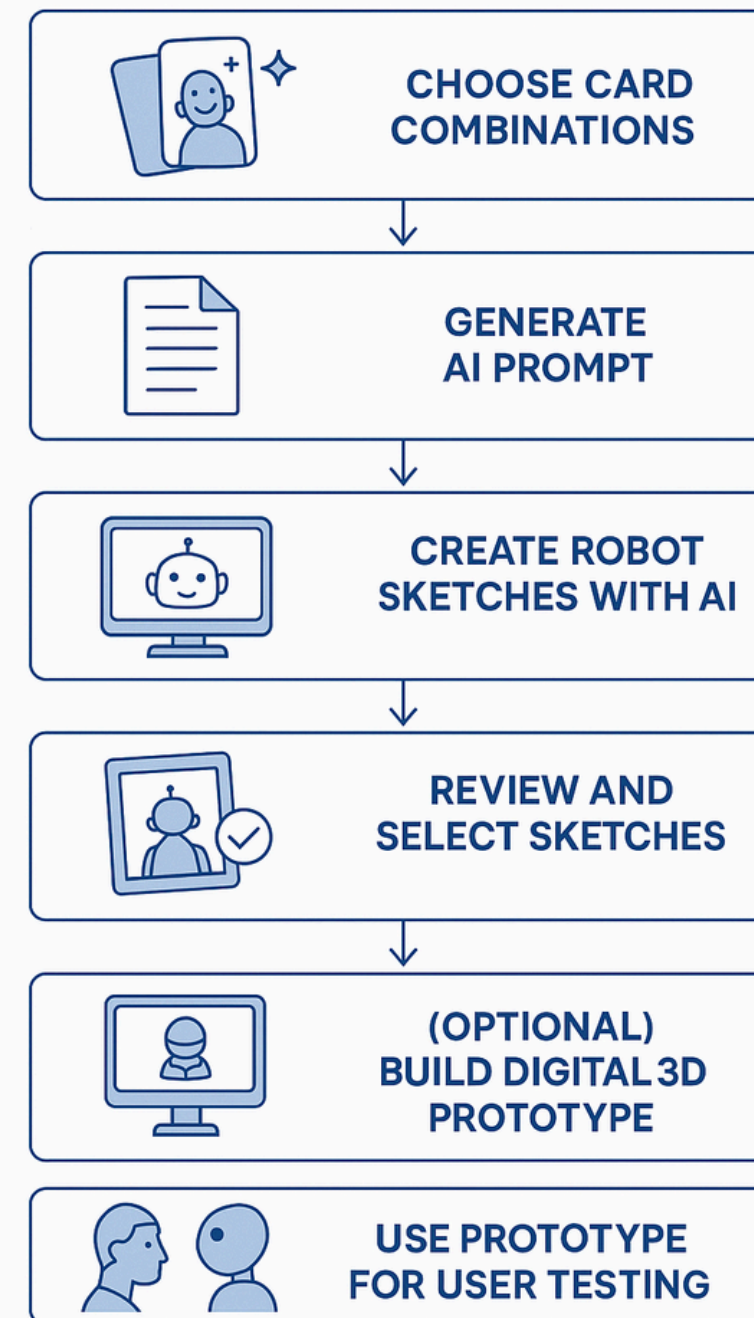


step3: Hardware Modules



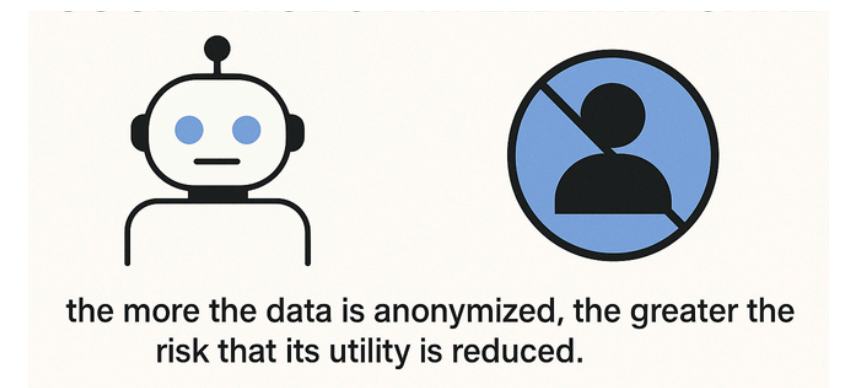
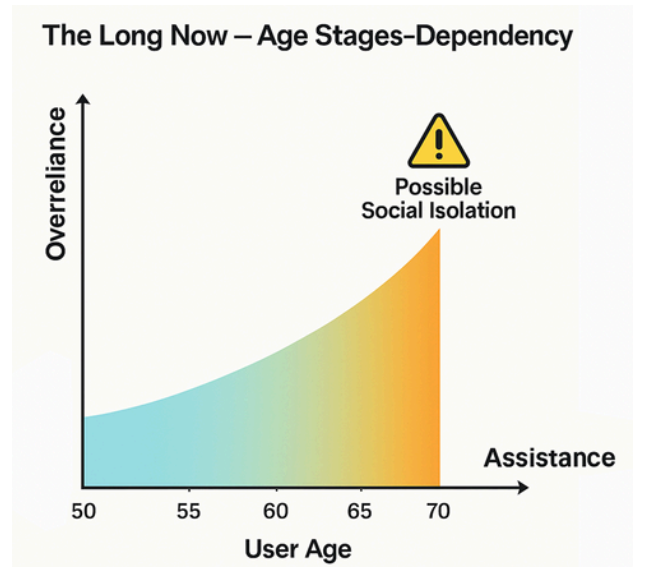
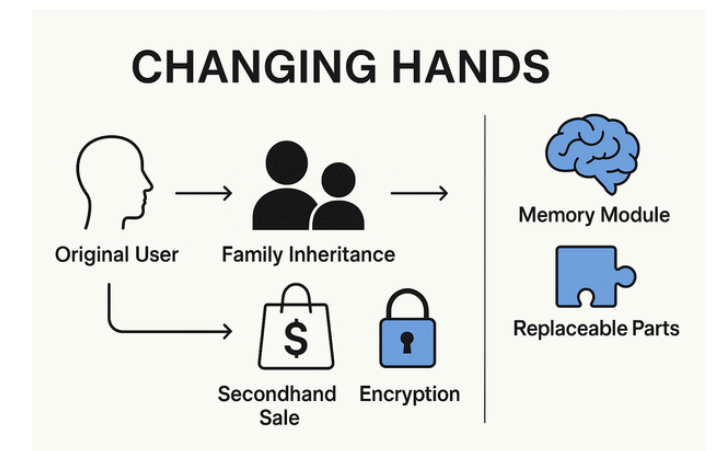
EMBODIMENT

ElderBot Co-Design Kit: Workflow



ETHICAL REFLECTION

envision card



REFLECTION BASED ON LITERATURE

Tool	Key Literature	Reflection
Scenario Quadrant (Trust vs Understanding)	Trust in HRI definitions and reviews	Well aligned; suggest adding dynamic trust dimensions like competence/vulnerability
Expressiveness Cards + Hardware	Modality Card Deck & expressiveness studies	Strong support; the hardware link adds practical embodiment guidance
Embodiment Co-Design Kit (cards + AI + prototyping)	Participatory embodiment frameworks	adding a novel digital-physical bridge to current co-design literature.
Behavior Design Flowchart	UX flowcharts & behavior pattern frameworks	could include adaptive decision-making patterns
Envision Cards	Ethics reviews and eldercare studies	Envision cards are a recognized method for foregrounding ethical concerns

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