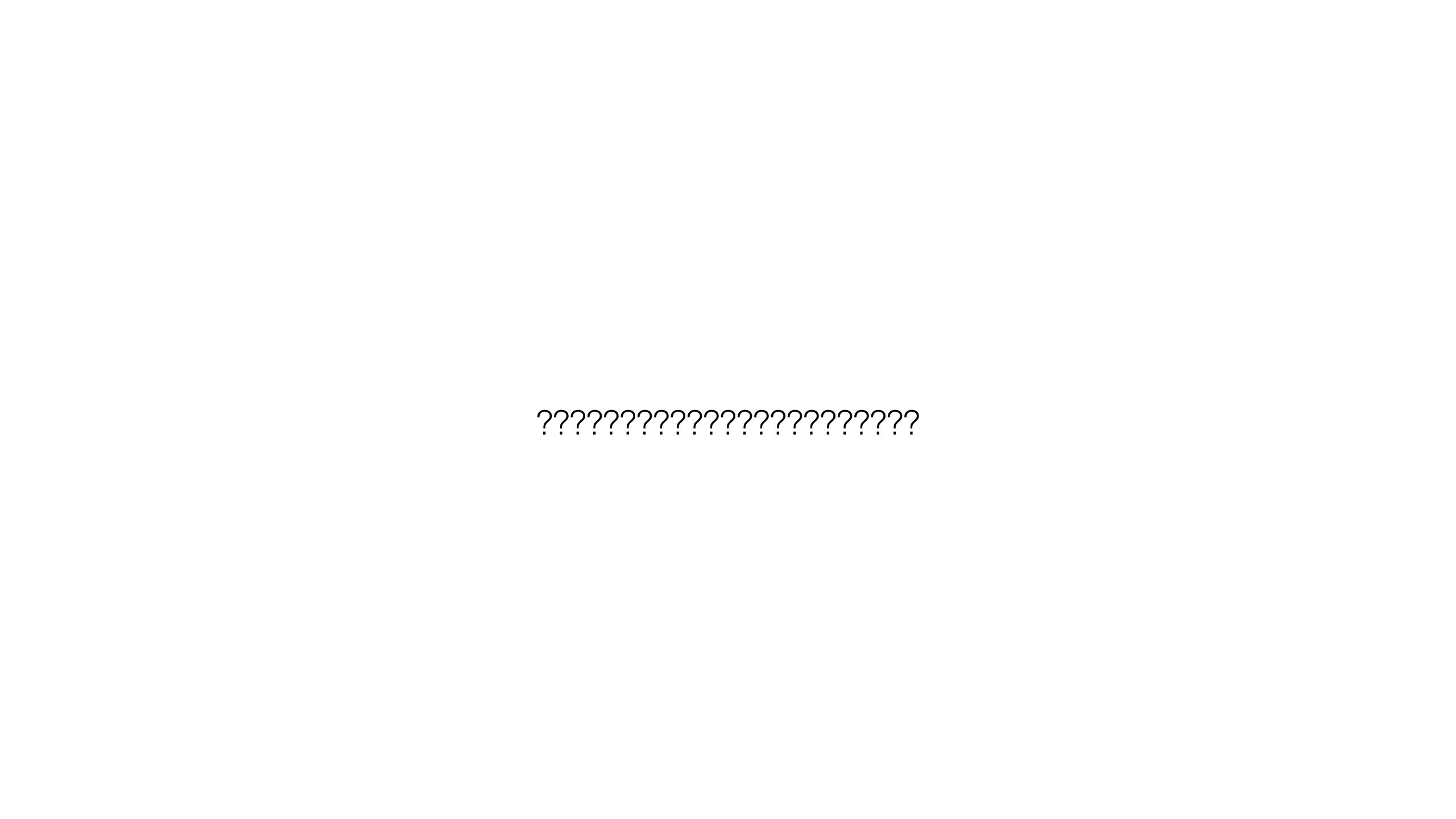
Product Service Systems Oscar Tomico

Product Service Systems



EIGHT TYPES OF PRODUCT-SERVICE SYSTEM: EIGHT WAYS TO SUSTAINABILITY? EXPERIENCES FROM SUSPRONET



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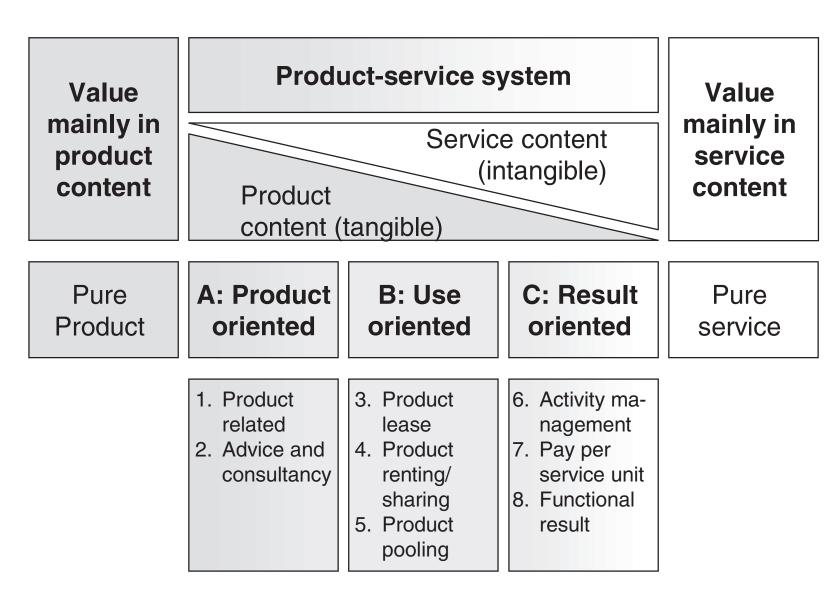


Figure 1. Main and subcategories of PSS

bending the back are translated into sounds such as piano chords or musical instruments, which fade in and out. Vigour is ultra-personalised by adapting its physical appearance to the body and preferences of the patient who will be wearing the cardigan (interfaces 2 and 3). This means that the back end of the service is aimed at producing individual customised pieces, rather than mass-produced high volumes. The patient and physiotherapist have tools available (by using the iPad application) to adapt the sensor sensitivity and sound feedback according to the actual exercise and physical and cognitive capabilities of the patient (interfaces 6 and 7). Through this end-user programming procedure the garment can be personalised further.

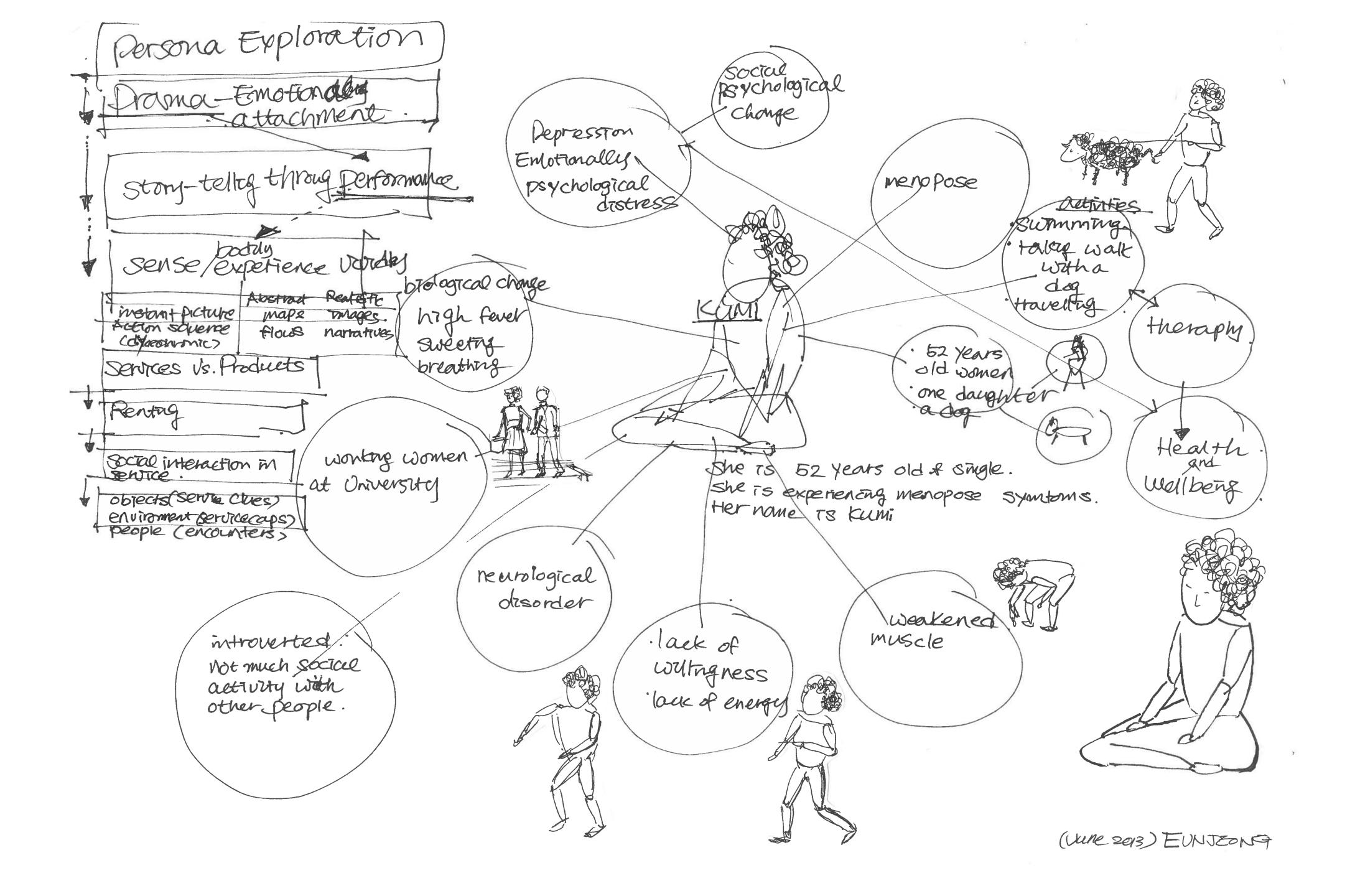
s0055 7.4.3 Vibe-ing: a self-care tool for personal well-being

p0245 Vibe-ing is a self-care tool in the form of a garment, which invites the body to feel, move, and heal through vibration therapy (Figure 7.3) (Bhömer et al., 2013b). By developing this prototype we aim to inspire a multidisciplinary audience,

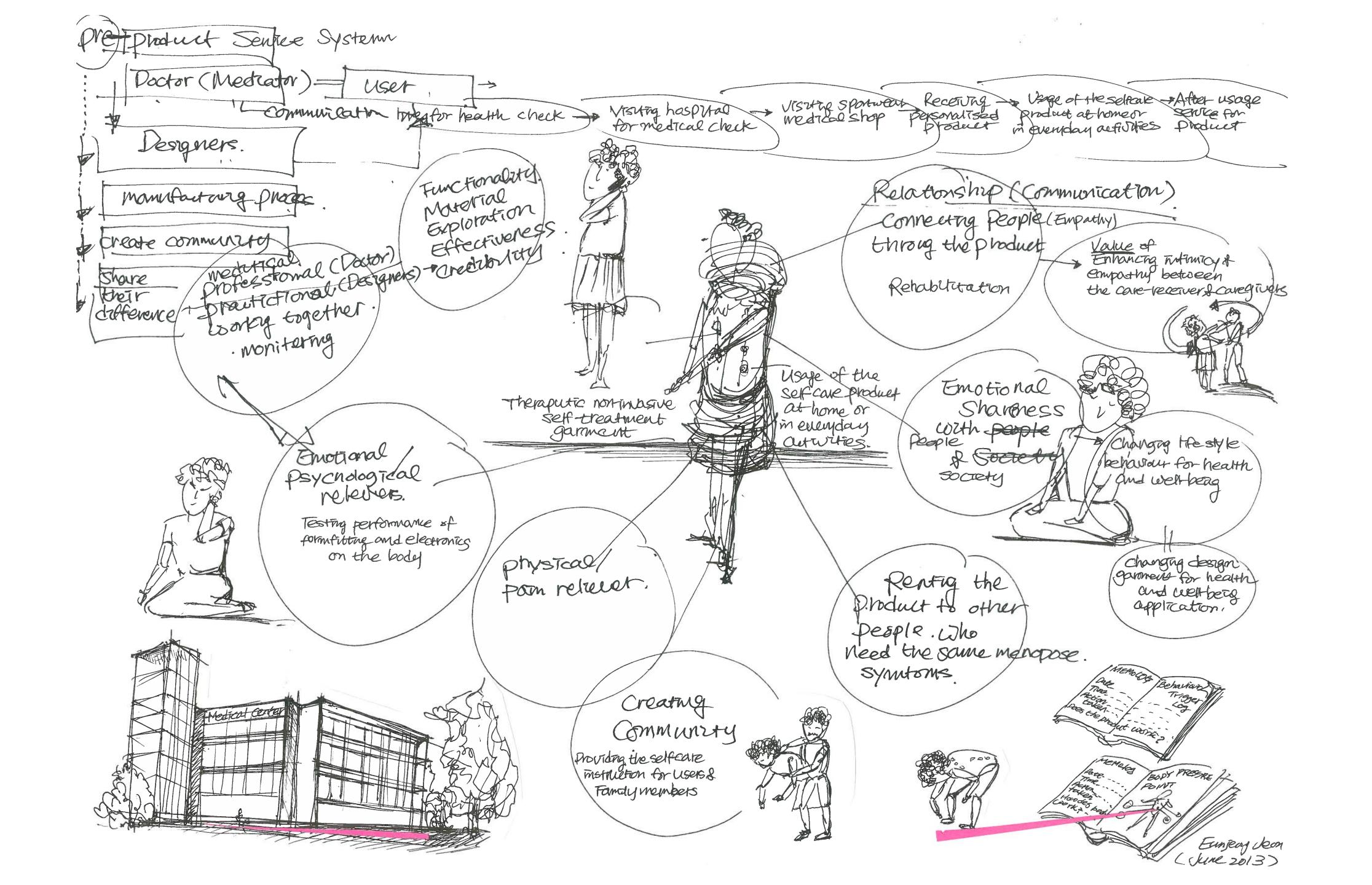


f0020 **Figure 7.3** Vibe-ing is a therapeutic self-treatment care tool. Photo: Wetzer and Berends.

PSS Value



Stakeholders

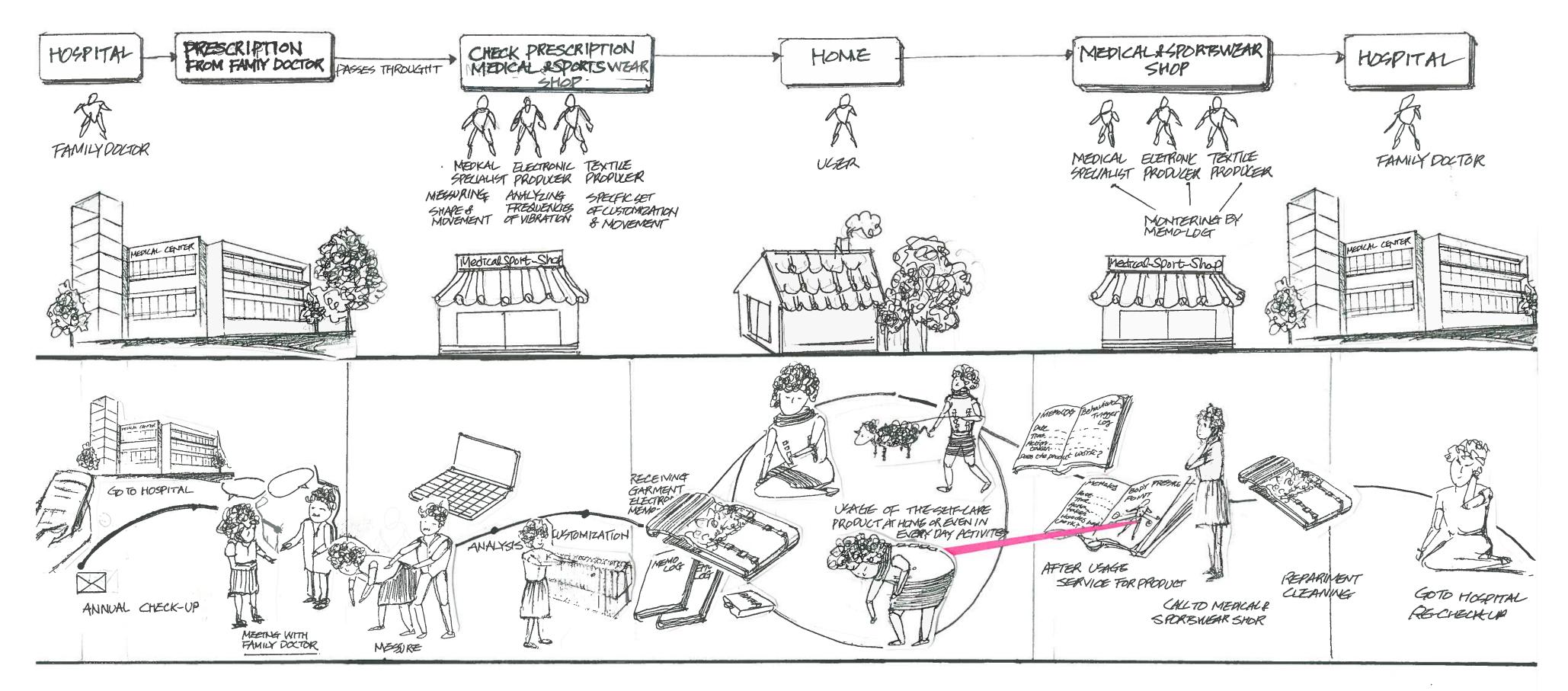


Service Interfaces



Costumer Journey

PRODUCT SERVICE SYSTEM



MEETING WITH FAMILY DOCTOR

- HEALTH CHECK
- BLOOD PRESSURE
- · HEAT DISEASE
- ·MENOPAUSAL SAMPTOMS
- EMOTIONAL DISTRESS
- DISSOUSSION ABOUT
 MAINTAINING GOOD HEALTH
- PRESCRIPTION FOR MEETING PEOPLE AT NEDKALA SPORT SHOP

MEETING WITH) MEGAVRE

- FINDING SPECIFIC BODY PRESSURE POINT
 - MEETING WITH
 ELETRANK PRODUCER ANALYSIS

MEETING WIHT CUSTOMISATION
TEXTIL PROWER

TESTING PERFORMANCES

FORM-FITTING CUSTOMISING SIZE, COLDUR, POZSAVRZ POINT

FINDING ADERATE
FREQUENCIES OF
EIECTRONICS

PERFORMANCES

AN THE BODY

RECEIVING PESONALISED

- GARMENT ELECTRONICS (BATTERY CHARGE)
- MEMOLOGS
 MANUAL INFORMATION
 (GELE-GARE INSTRUCTION
 FOR USERS)

TRY IT ON IN EVERY DAY ACTIVITIES

DCUMENTING THE USAGE OF GARMET, ELECTRONIC PERFORMANCE ON THE BODY

CALL TO MEDICAL & SPORTWEAR SPIOP FOR THE REPAIRMENT

- · CLEANING SERVICES
 · ATTER USAGE SERVICES
 FOR THE GARMENT, &
 ELECTRONICS.
- RAMIFICATION OF GELT-CARE
 TREATIMENT SERVICES
 FROM MEDICAL SPECUALIST,
 ELECTRONIC PRODUCER &
 TEXTILE PRODUCER

RECHECK UP AT THE HOSPITAL BASEPON MEMOLOG 4 MEDICAL SPECIALIST

Service Front and Back Ends

from the ess model			Value for the company	Finacial	Financial	Financial	Reliability	Reliability	Reliability
Input from the Costumer Journey Busine Busine	End		Company profiles	Family doctor facility	Hospital facility	Chiropractic	Textile producer	Electronic producer	Sportswear medical shop
	Back		What the providers offers	Maintaining healthcare support	Perscribing the self- care treatment	Personalized threatment	Tailor made garment	Personalized treatment by application of vibration sensors and motors	Coustomized garment integrated with electronics
			Interaction provided	Communicational channel with people for healthcare service needs	Health medical examination	Analyzing body shape and movement	Specific set of self threatment actions	motors Analyzing the freqencies of vibration how to affect it on the body	Design components, electronic components
		Touch Po	oints	(1) By annual medical checkup	(2) Visiting hospital for medical checkup	(3) Visiting sportswear medical shop		(4) Receiving personalised product	
			Interaction supported	Communication line for health check	Discussion about current health problem	Finding specific body pressure points for care	Information and customization	Finding adeqate freqencies of electronics on the body	Providing the product instruction how to use it
	End		what the users can	Questions in relation to general health care service	Change life style for recovering health	Healing	Testing performance and formfitting	Testing performance of electronics on the body	Irv it on
	Front		User Profiles	One of the Family members (son or daughter) with mother in menopause symptom	Over 50years old women are experiencing menopause symptom	Over 50years old women are experiencing menopause symptom		Over 50years old women are experiencing menopause symptom	
			Value for the user	Good care for mother	Physical & emotional wellbeing	Physical & emotional wellbeing			

						Information on how to fill the cells
credibility	credibility	credibility	Formation of Trust from customers	image of company brand value	image of company brand value	(Each cell contains a list of economical values relating to an specific touch point for an specific company)
Medical specialist	Textile producer	Electronic producer	Medical specialist	Textile producer	Electronic producer	(Each cell contains the name and type of company involved) A drawing of the company and a logo needs to be provided
Memo-log for health check	Memo-log for the garment check	Memo-log for the electronics check	Concurrent health service moniter	Concurrent product service moniter	Concurrent product service moniter	(Each cell contains the list what that the company prepares as back end)
Performance instruction how to find specific body pressure points	Performance instruction of garment behaviour how to interact with body	Performance instruction how to work on the specific electronic components	Perscribing the ajustment of self-care treatment	Providing garment repairment and maintenance service	Providing garment electornics repairment and maintenance service	(Each cell contains the list of detailed actions the provider does)
	f care product at home o	r in everyday activities	(6) /	After usage service for p	product	(Each cell contains the description of what the touchpoint consists of) A drawing should be provided
Providing the self-care instruction for users	Providing the self-care instruction for family members	Providing the self-care instruction for users and family members	care tretment on the	Ramification of self- care tretment with the textile properties and design	Ramification of self-care tretment with the electronics	(Each cell contains the list of detailed actions the user could do)
Rehabilitation	Connecting people (em	oathy) through the product	Thera	putic noninvasive self-tr	(Each cell contains the list of detailed actions the user does)	
Over 50years old women are experiencing menopause symptom	women are Family members as the experiencing caregivers		·	men are experiencing mer family members and f	(Each cell contains the name and type of user involved) A drawing of the user needs to be provided.	
Enhancing intimacy and	l empathy between the c	are-receiver and caregivers	Changing lifestyle behaviour for health and wellbeing		with people who are menopause symptoms	(Each cell contains a list of sociall values relating to an specific touch point for an specific user)

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