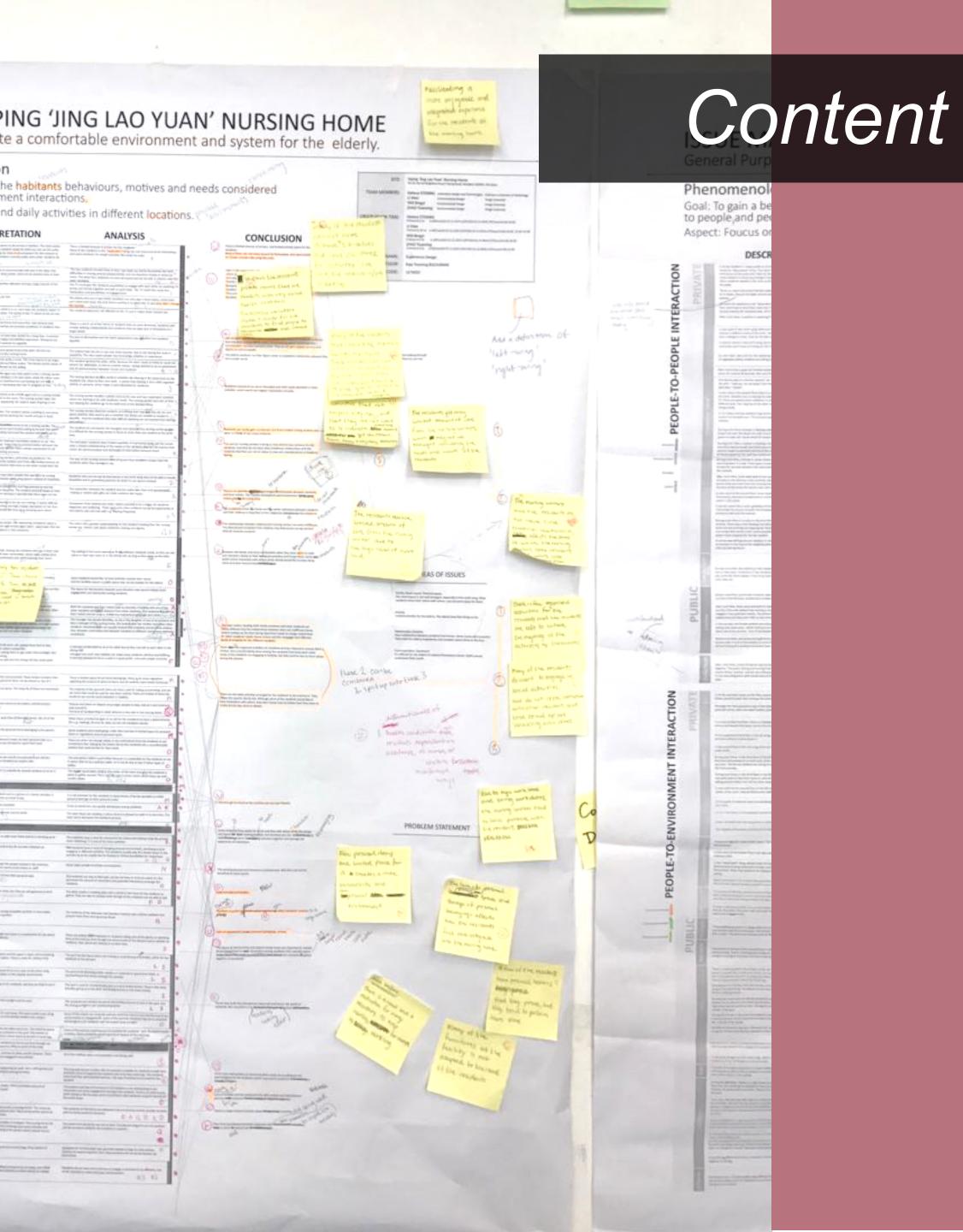


Team Members: Man LI Helena STENING Bingyi YAN Yuanxing ZHAO

Experience Design: Interactions and Environments Spring 2017

Course Instructor: Kaja Tooming BUCHANAN

College of Design and Innovation, Tongji University



Executive Summary

Vision

Mission

Purpose

Design & Management Challenge

Theory & Concepts

Strategy Framework

Concept of Home

Issue Mapping Strategy

Methods

- Phenomenological observation
- Semi-structured interviews

User profiles

Issue Map

- Areas of Issues
- Problem statement

Hypothesis

Initial ideas

Personas





Executive Summary

The *Jing Lao Yuan* Nursing Home in the Siping Community in Shanghai started in 2008. It is located at No.63 Neighbourhood Tieling Road, Shanghai 200092, China. It was the Siping community government that initiated the development of an idea for a day and night care place for the elderly for Siping Community more than 10 years ago.

The nursing home is supported and run by the Siping Community government. However, every resident needs to pay every month 1800 RMB for his or her "bed." In addition, residents also need to pay for their nursing level: 1400 RMB for *mild*, 1600 RMB for *middle*, or 1800 RMB for *severe* nursing level.

The nursing home has a total of 39 staff members: 3 managers, 3 doctors, 21 nurses, 3 security workers, and others, who take care of different tasks in the facility, such as cooking, washing clothes etc.

The nursing home has **three nursing levels**: *mild*, *middle* and *severe*. The distinctions between the nursing levels are decided by Chinese government policy and are official names for all nursing homes in the country.

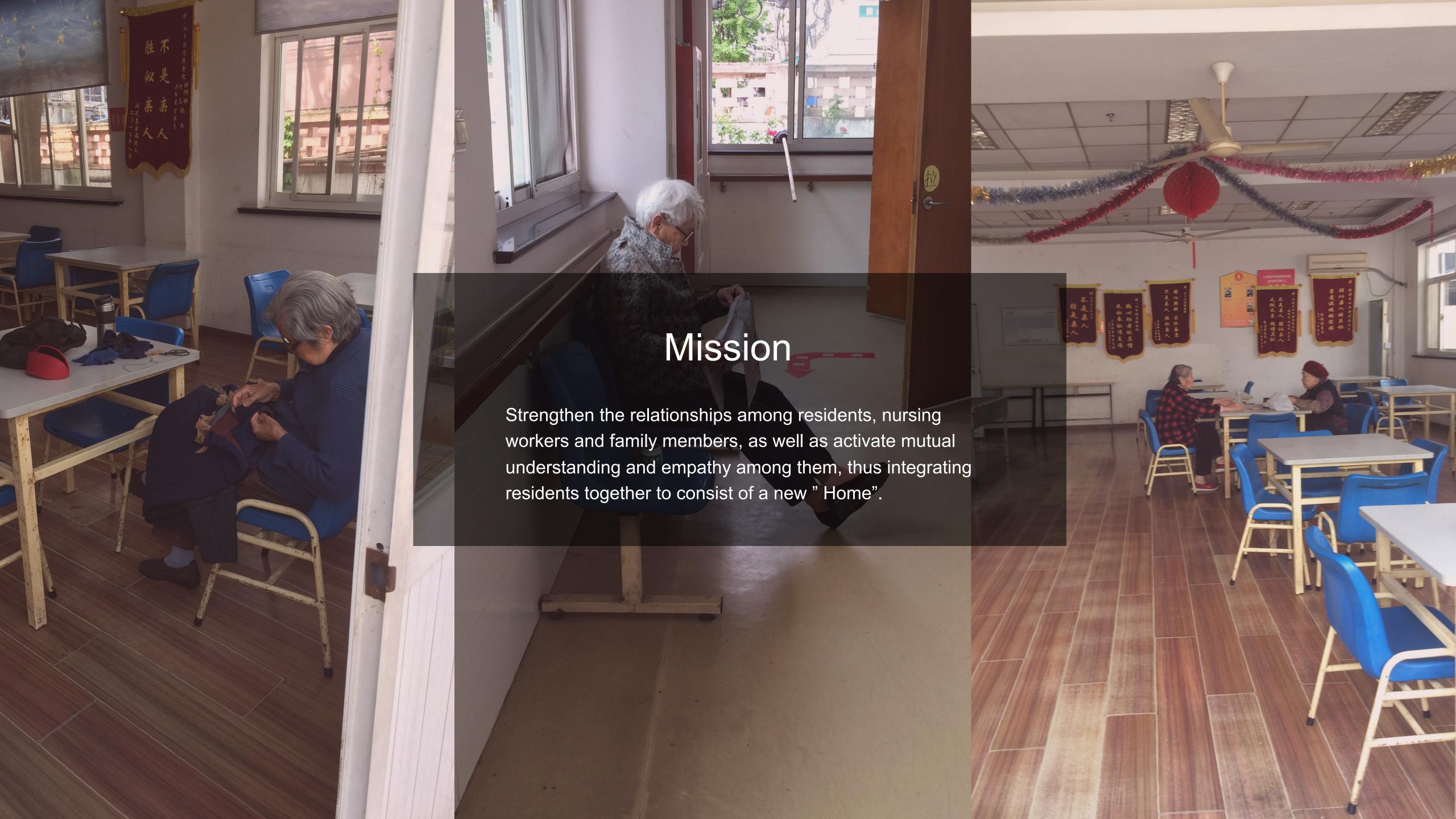
The nursing home has a **total of 80 beds and 78 residents**. All beds are occupied all the time, except two beds, which purposely are held "vacant" for emergency situations. The nursing home has 48 people in the *mild* nursing level, and 30 in the middle and severe nursing levels. According to the Head of the nursing home, Mr. Xu, the waiting time to get a place in the nursing home could be quite long and can vary. The average age of the residents is 85 years.

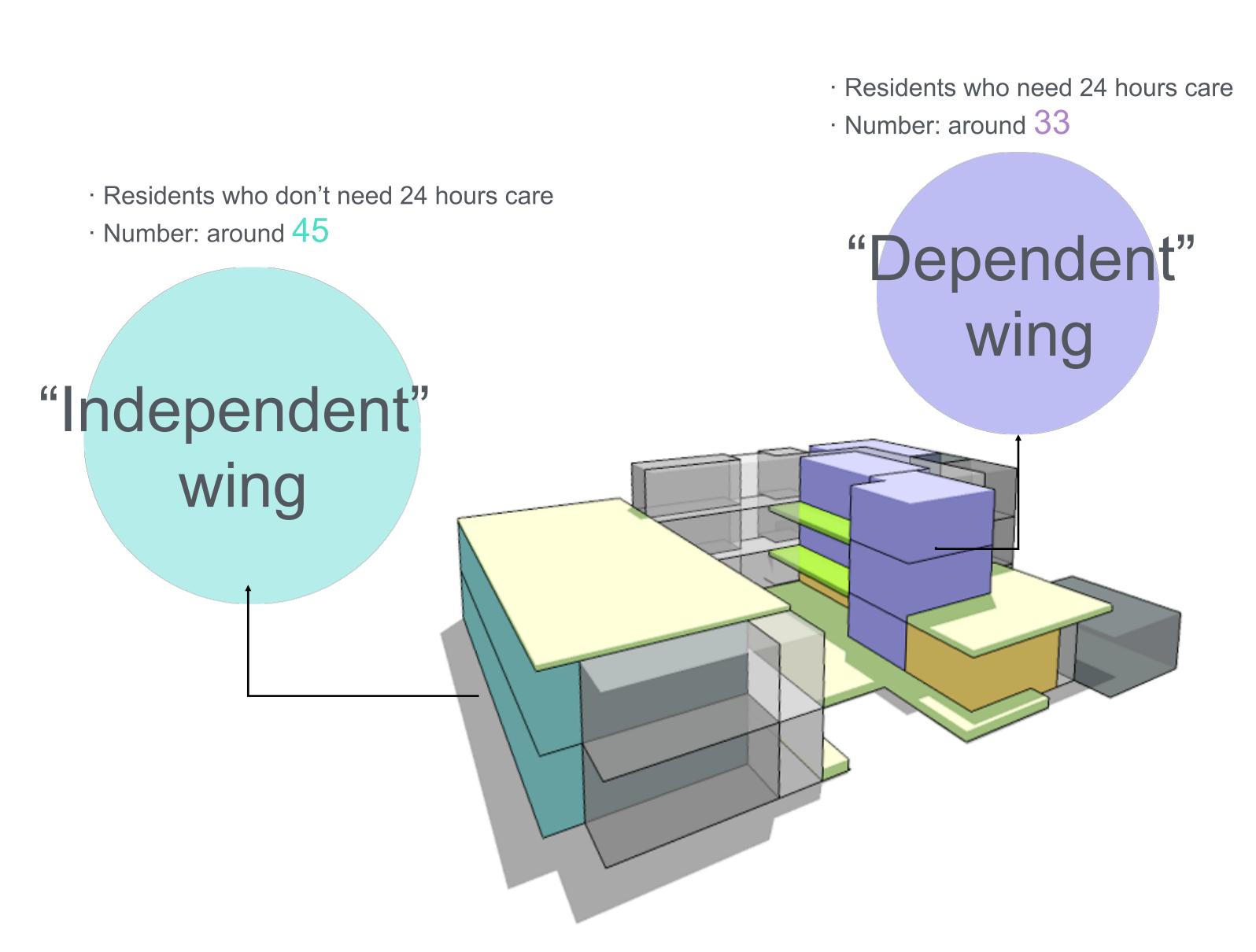
At the *mild* nursing level, the nurse needs to take care of 20 residents in a 12-hour working shift. At the *severe* nursing level, the nurse takes care of a maximum 6 people. In the severe level every room has its own nurse who takes care of elderly for 24 hours.

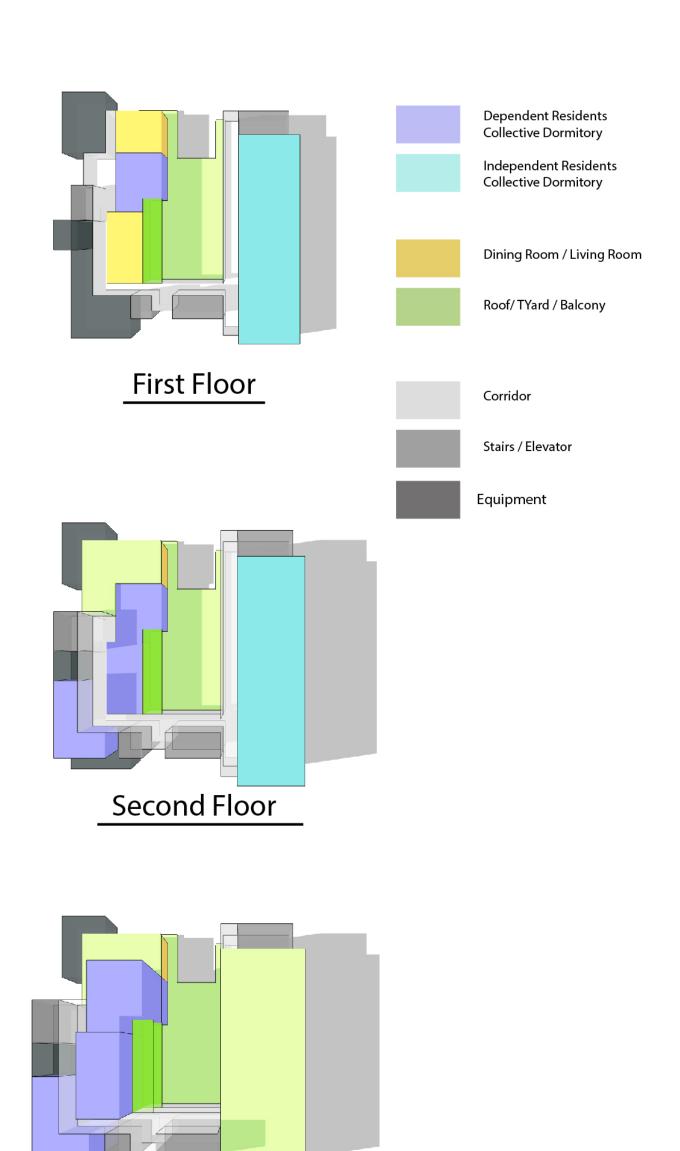
Nurses are chosen very carefully and they need to complete a 2-week educational course before they start working at the nursing home.











Third Floor

Figure 1: Illustration of the functional layout and basic information of Siping JingLao Yuani

Purpose

Facilitating an enjoyable and integrated experience for the residents at the Siping 'Jing Lao Yuan' nursing home.

Design & Management Challenge

New residents at the Jing Lao Yuan nursing home in the Siping Community in Shanghai have difficulty adapting and being integrated into their new "home" in a new physical, social, and cultural environment.

Theory & Concepts

Based on the literature reading, we abstracted some enlightening theories concerning about "EMPATHY" and "EXPERIENCE". Then we made our own strategic framework, leading us to the concept of "HOME" for this nursing home project.

Enlightening Theories

"The empathy Triad", Daniel Goleman

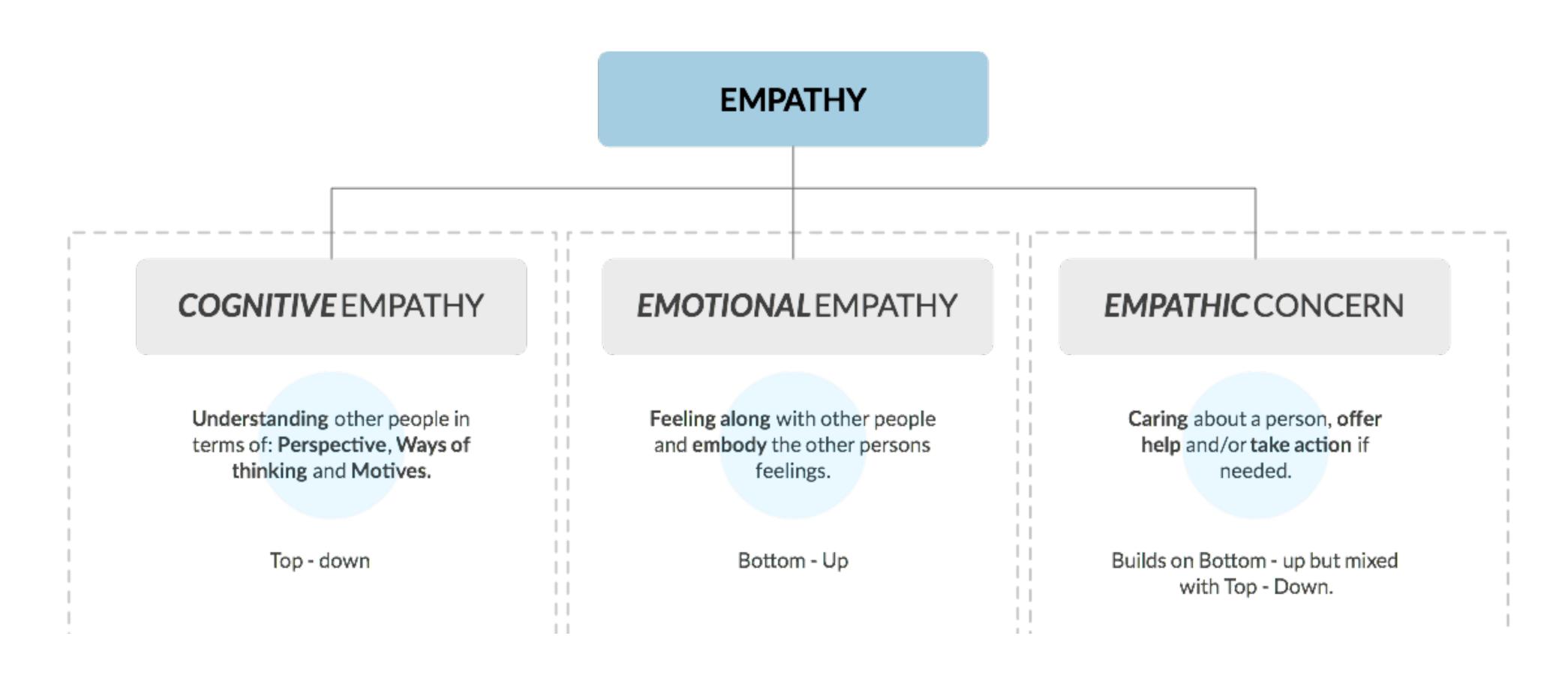


Figure 2: Illustration of "The empathy Triad" from theory of Daniel Goleman

Enlightening Theories

"Having an Experience", John Dewey

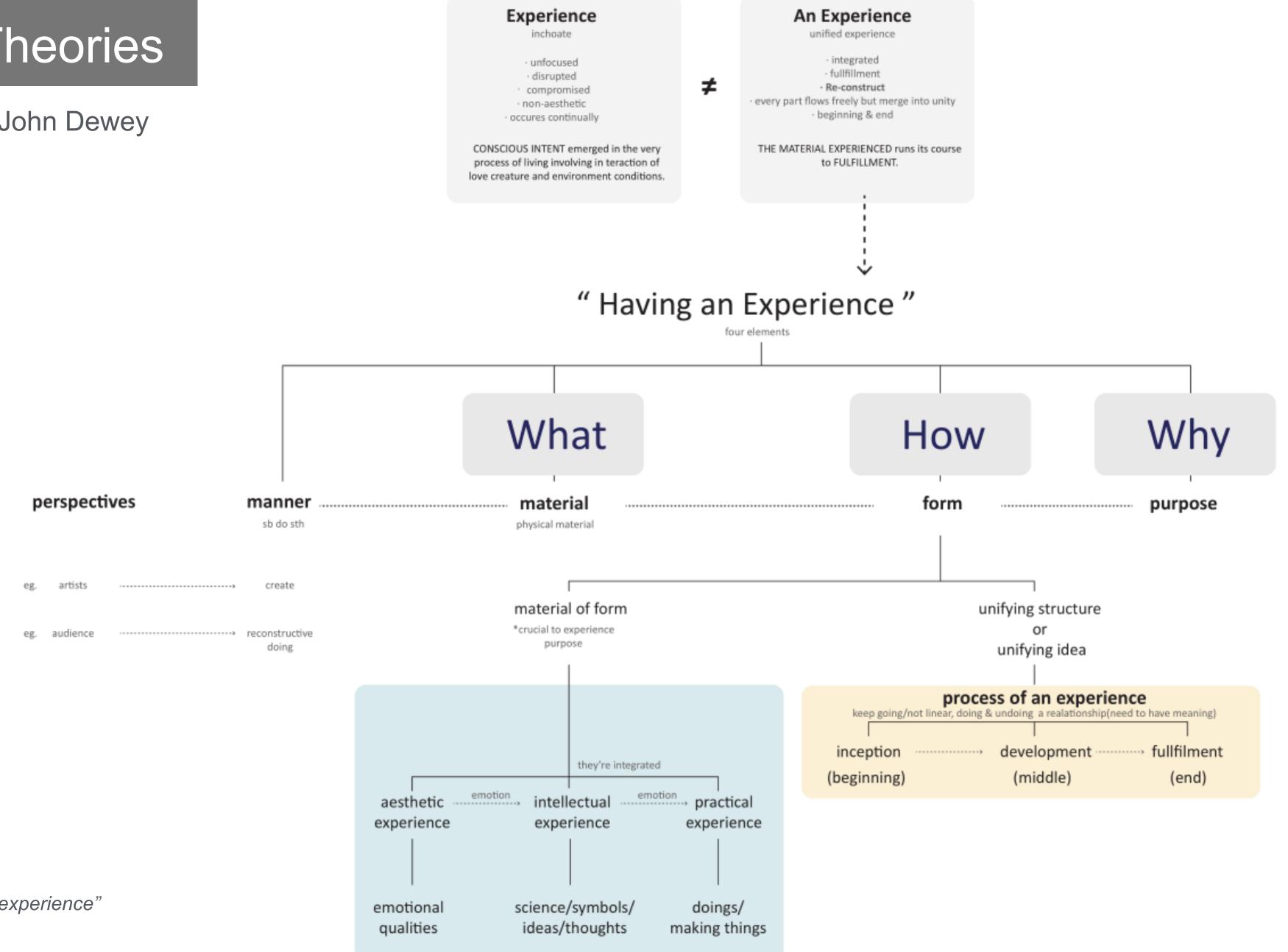
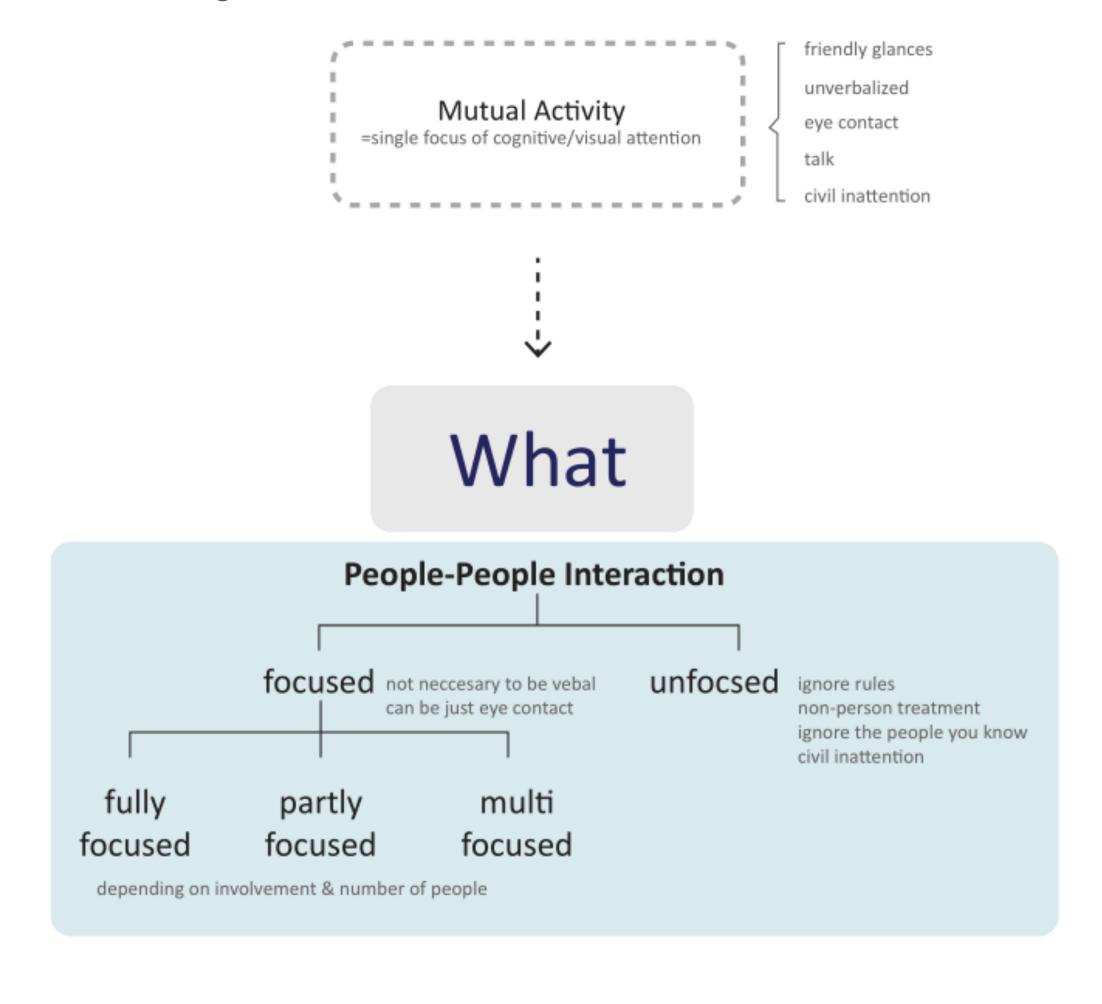
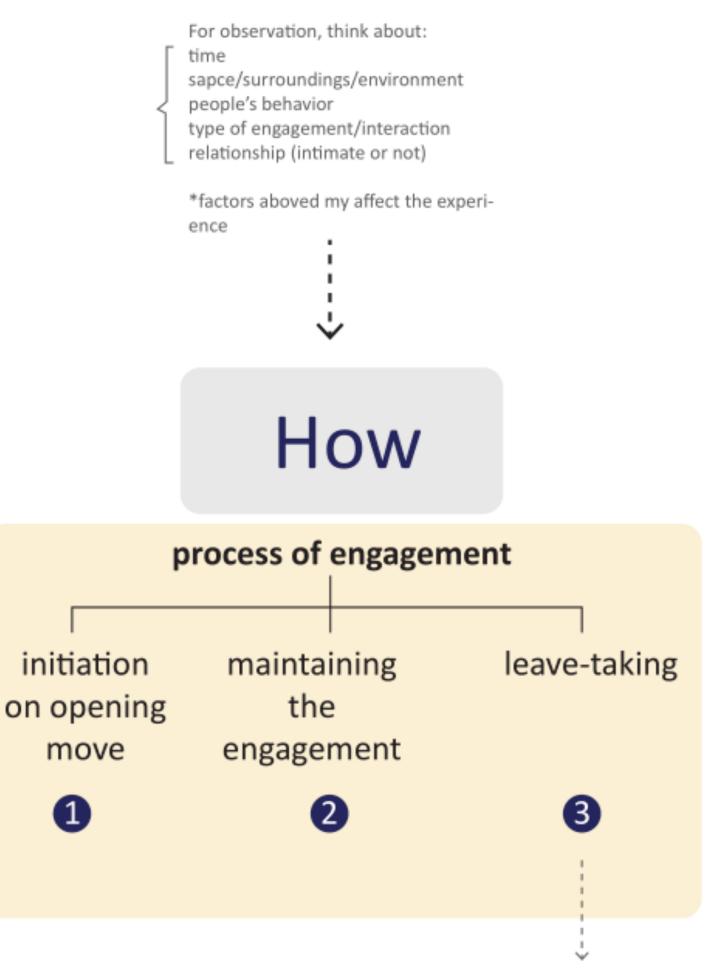


Figure 3: Illustration of "having an experience" from theory of John Dewey

Enlightening Theories

"Facial Engagements", Erving Goffman

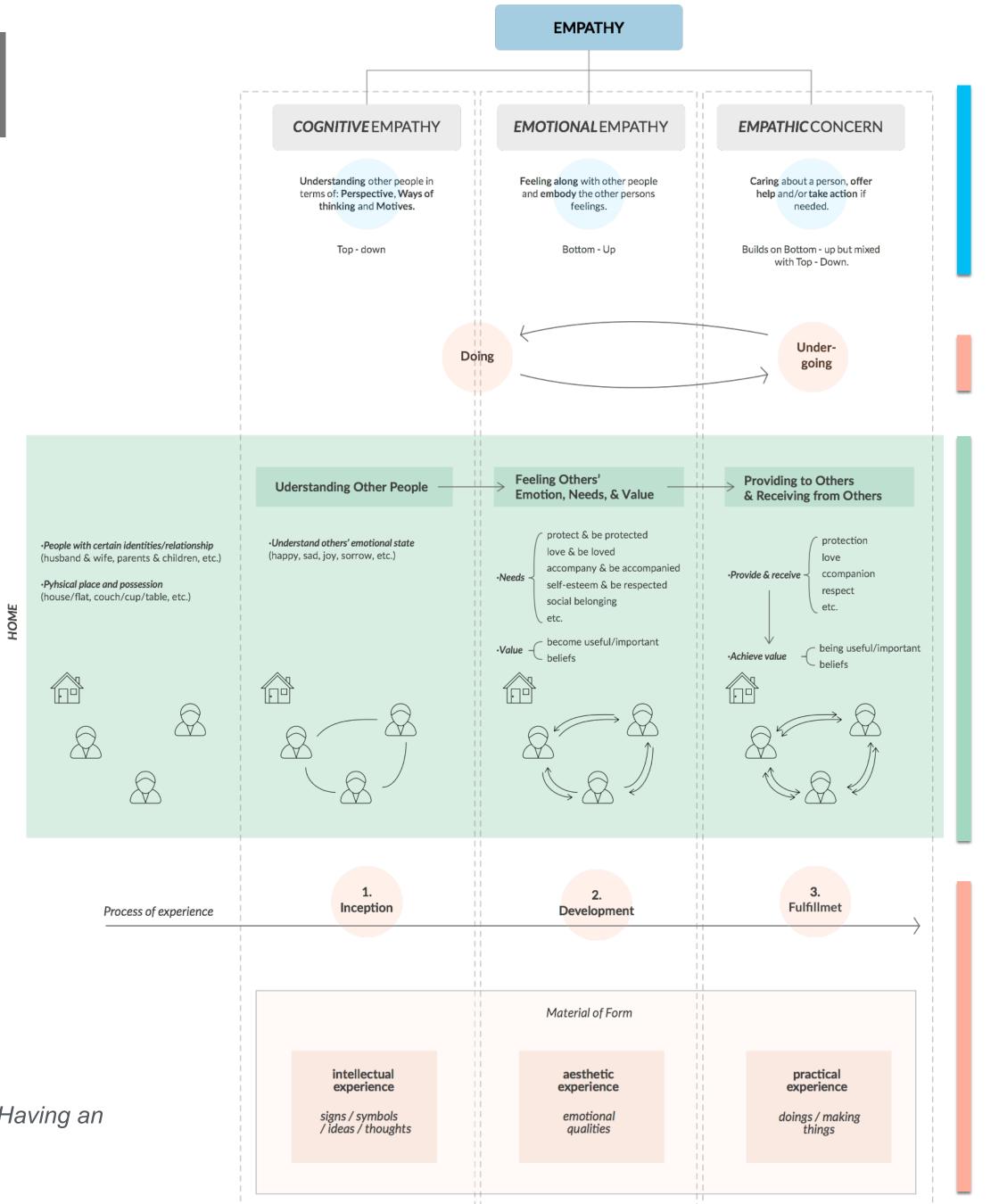




*FOR DESIGNER, ONE MAIN TASK IS: How to lead leave-taking to another experience (another interaction)/maintain more engagement.

Figure 4: Illustration of "facial engagements" from theory of Erving Goffman

Strategic Framework



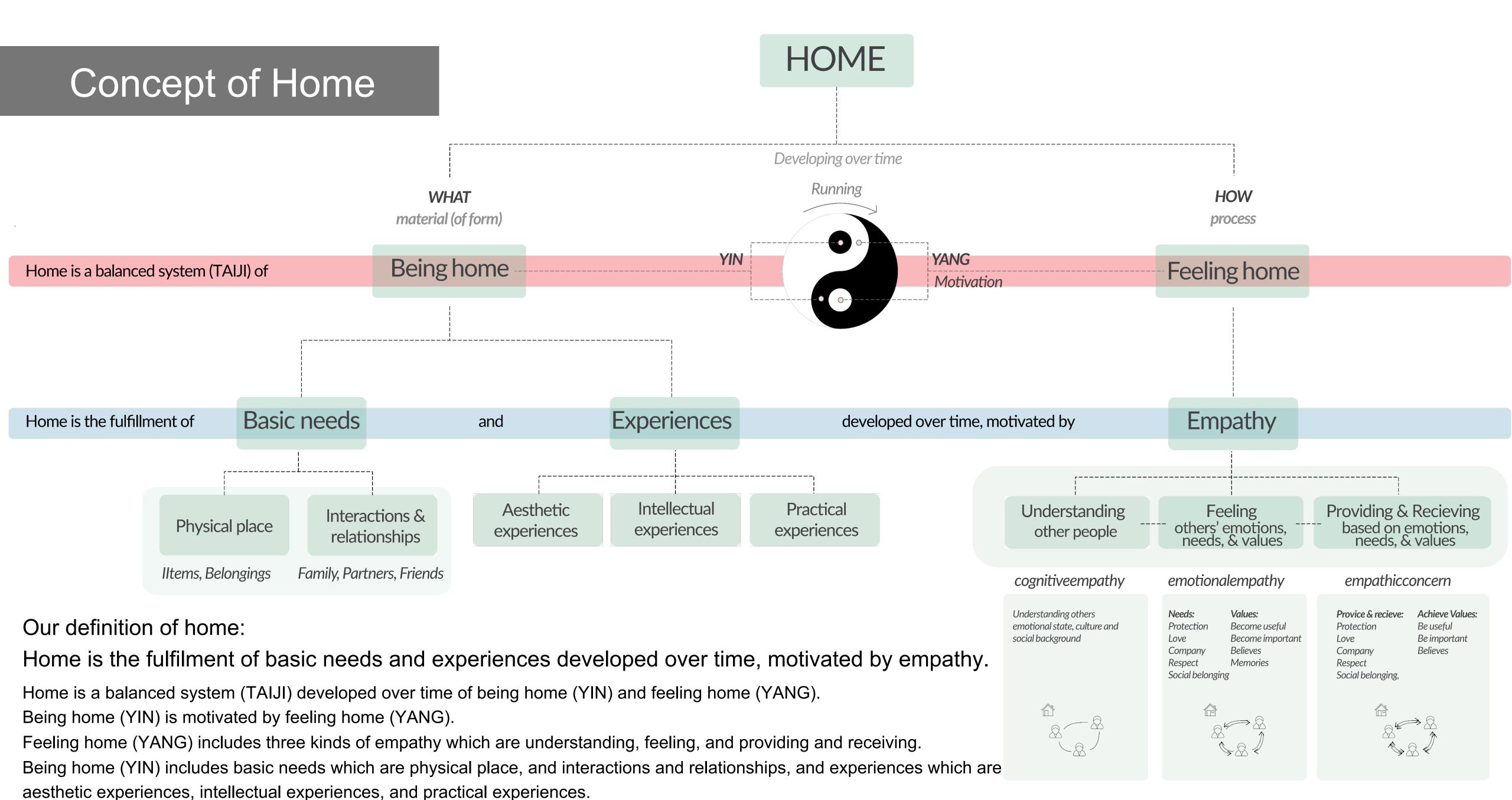
"The empathy Triad", Daniel Goleman

"Having an Experience", John Dewey

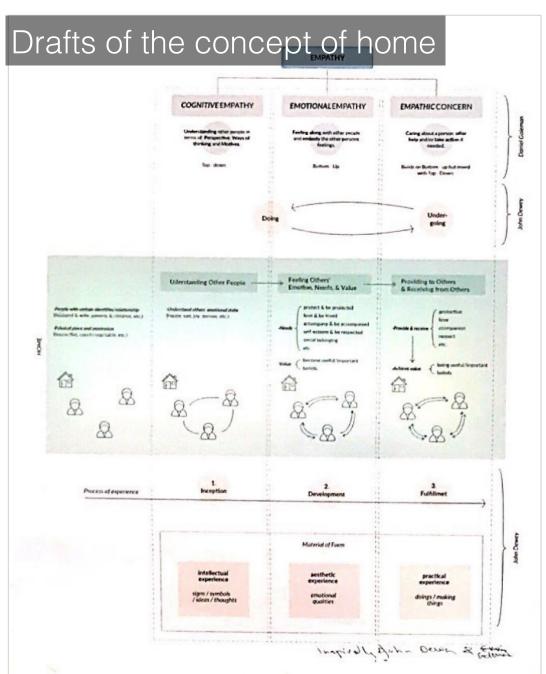
"Home"

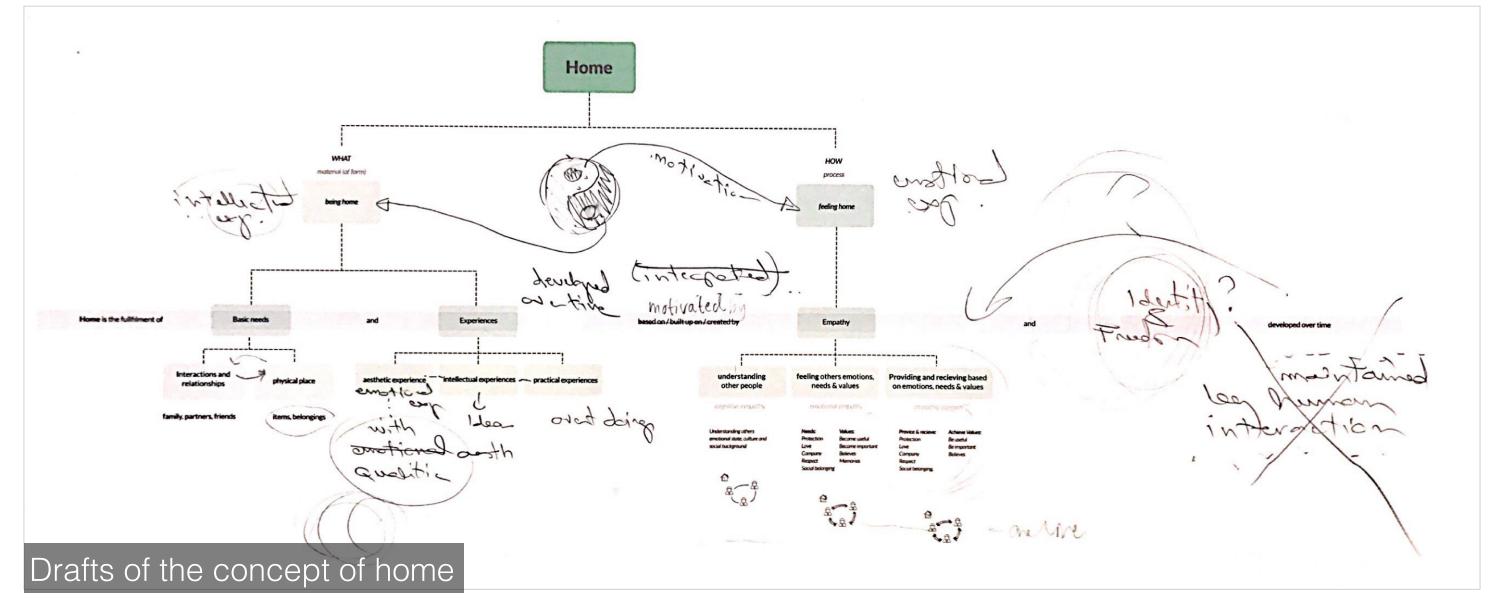
"Having an Experience", John Dewey

Figure 5: Concept map inspired by theories of John Dewey (Having an Experience) and Daniel Goleman (The empathy Triad)

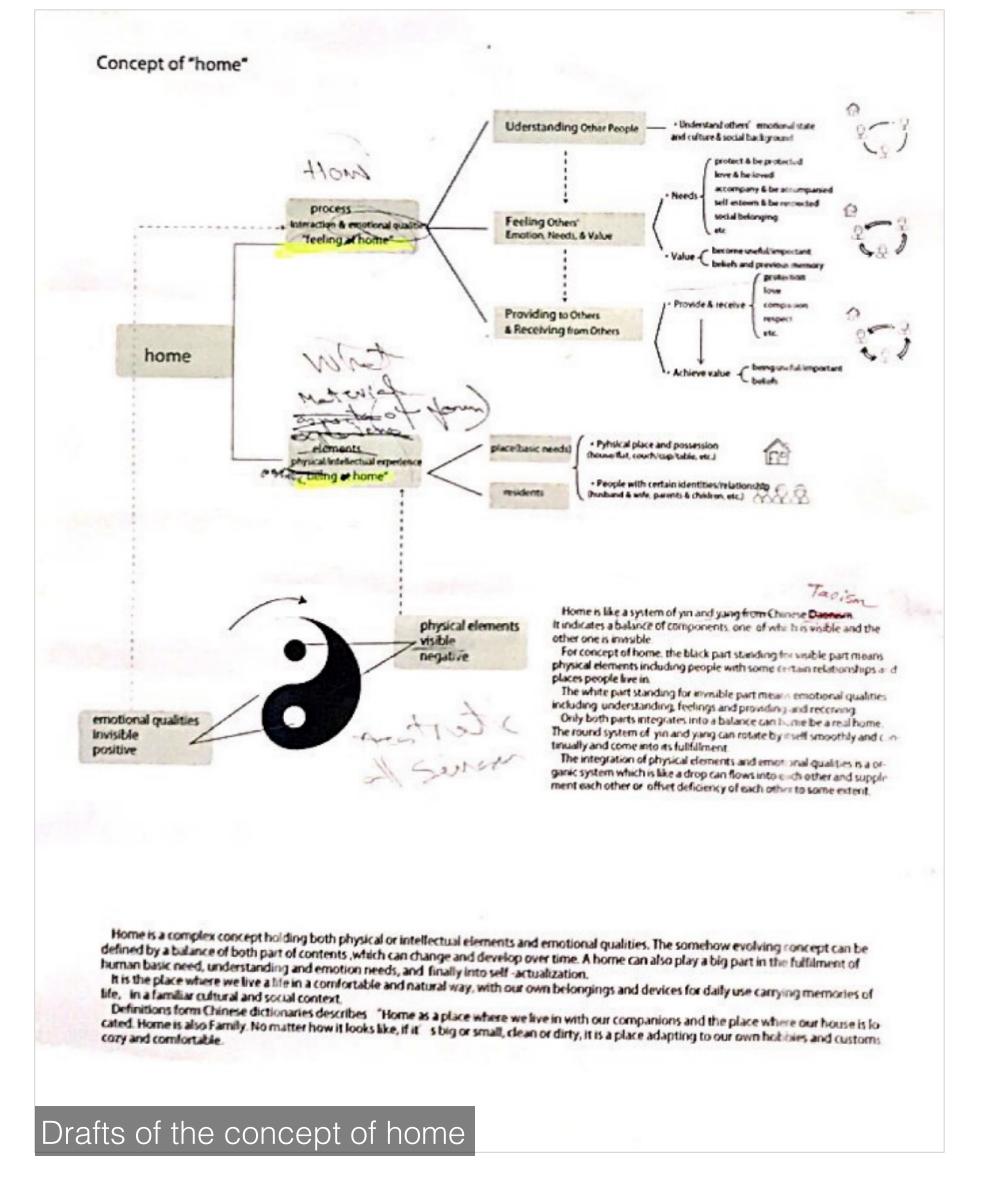








Process



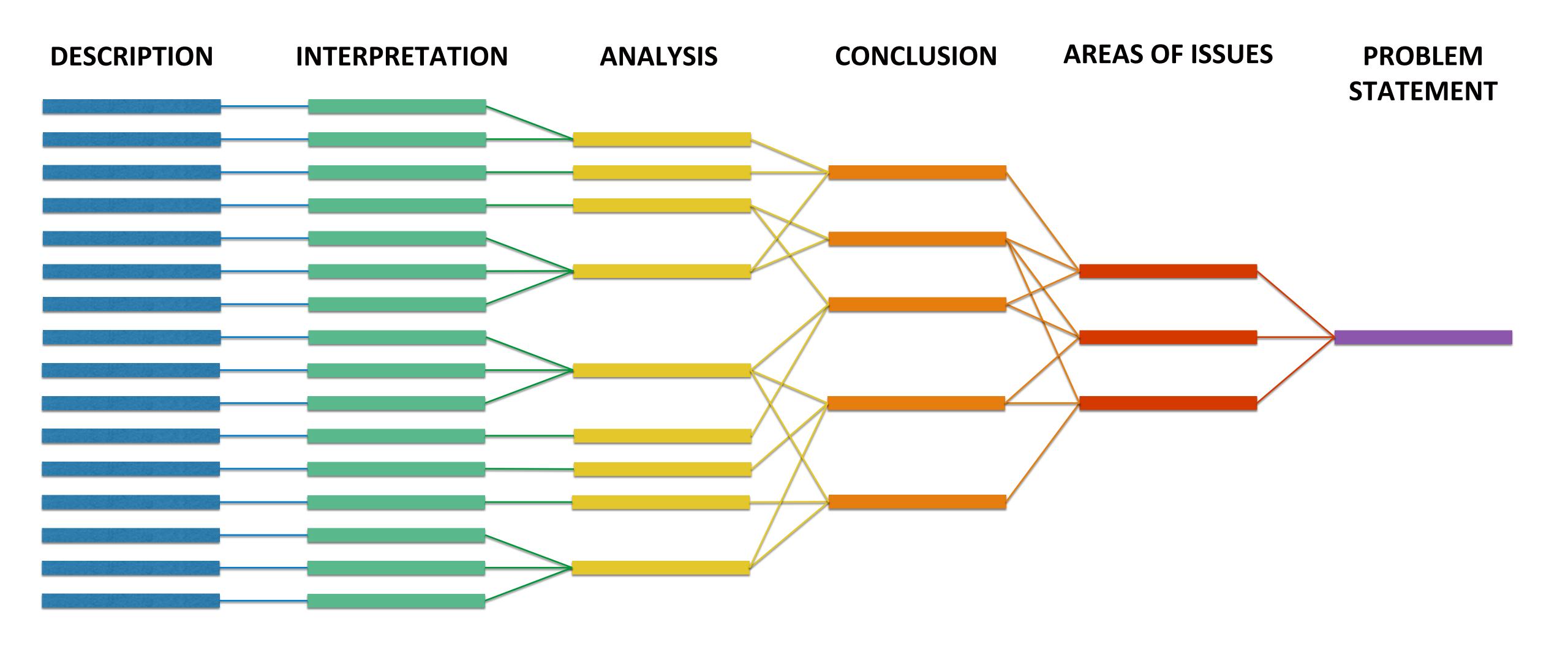
Issue Mapping Strategy

GOAL

To gain insights around the phenomenological observations and interviews to create a relevant and evidence based problem statement.

STRUCTURE OF ISSUE MAP

Six steps of Issue Map



Methods

The methods used for the research are Phenomenological Observations and Semi-structured Interviews.

Phenomenological observations

GOAL

To gain a better understanding of the residents behaviours, motives and needs concering people to people and people to environment interactions in the 'JING LAO YUAN' nursing home at Siping community.

ASPECTS:

Focusing on people's behaviours and daily activities in different physical environments.

irts of Design Thinking

FOUR ORDERS OF DESIGN rom Richard Buchanan Guiding the respects of the phenomenological observation

Fields of Design Problems

	Communication (Symbols)	Construction (Things)	Interaction (Action)	Integration (Thought)
Inventin (Symbo				
Judging (Things		Physical Objects things a person interact with The places/different environments where this could happen are not equipped with so many things to interact with Small space for personal belongings (one department) one small locker each?) There are few places where the environment support social interaction Even less place in the other department What is the large empty places serve for purpose? What purpose could it serve but is not doing today? Is there games or other things they can use?		
Connection)	ing		Activities, Services, processes groups of people & things in Interaction The elderly who are in relatively good condition are encouraged to take care of the plants once a week, which can help to improve their mood. Several persons in one room (3 / room in one department and around 6 in the other) One department eats in their nursing room Lunch gathering in large room for the other department Gymnastics outside if nice weather Doctor comes every Tuesday to do traditional medicine. Is there any other common activities? How does it work when family members visit? How are people adapting to moving in?	
Integrat (Though	ng t)			Systems, Organizations, Environments groups of people & things in interaction with other groups of people & things - The elderly express feelings and thoughts mainly by talking with the leaders in the center who make a circuit in the buildings every day - How is the interaction (culture) between the members and the workers? -How is the interaction (culture) between the ground worked with the organization & managers - How does the system support the one in line for getting a bed?

ASPECTS

Focusing on people's behaviours and daily activities in different physical environments.

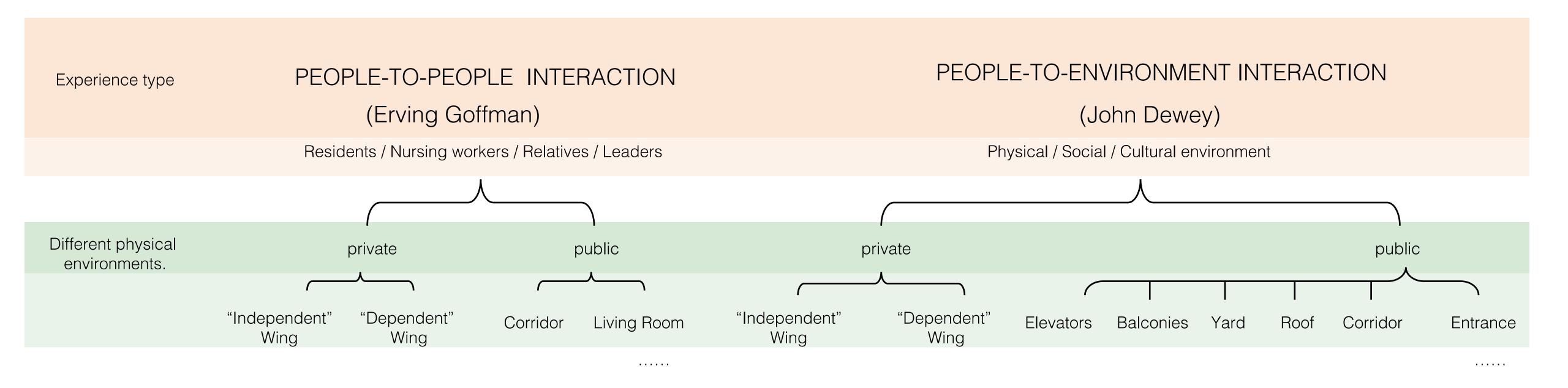


Figure 7: illustration of aspects of phenomenological observation inspired by theories of John Dewey (Having an Experience) and Erving Goffman (Facial Engagements).

Siping Road Sub-district Community Service Center Siping Road Nursing Home Nature of Center Government-supported Government-supported Service Target elderly people over the age of 60, who has a semi-dementia 78 elderly people divided into 3 levels including severe disabled, mid-level disabled and sligt with no infectious diseases. 30 members and a manager, several nurses ,mechanic, doctors and volunteers. 78 elderl residents, and 36 workers including managers, nurses, doctors, and rear servants. Management fee bed cost: 1400RMB/month, 1600RMB/month, 1800RMB/month for 3 different levels. Application procedure Application procedure They have a 30-day period of observation and investigation for one's adaptability to the apply (families permitted) —preliminarily evaluate—body check— audit—sign agreement—become a member during this period, workers in the center will communicate continously with the new member face to face ,get to know his need and negative feeling and try to address them, which may be lasting for a week. the hygienism condition is not very good It's clean and bright, much sunshine inside the room quality of lunch does not look good, though nuitrition quota was emphasized. **Environment and Atmosphere** It's quiet, not disturbed by others there is no any decoration for improving their living atmosphere, just white and grey dirty walls, dark-color wooden doors and doorframe. daytime care 8:00-16:00 for weekdays Daycare schedule the community doctor comes here for taking health-care prescriptions of traditional chinese nursing and medicine for elderly residents here every tuesday, basic physical check such as blood pressure and heart rate measurement then they will gather them and take medicine here from hospital. If the elderly have fever or any other uncomfortable symptoms, they will call their families to take not many organised activities. Most of them were watching TV in their bedoom. basic physical check, culture and entertainment activities such as card and board sevice and activities games, watching Tureading appreciation, and health care exercises. And sometimes other activities such as lectures and get-together activities to provide a place for elderly people to communicate and resolve emotion disorder. How to help them release respect their personal needs. If one wants to talk and pour emotions, then "treat them as our own parents and our own grandparents." Workers in the center will communitheir negative feelings and communicate with him, if one wants to play games, then involve him. cate continously with them face to face, get to know his need and negative feeling and try to address them. conditions of the elderly varies everyday, so different challenges follows different some students from high school has been there and drew several pictures which were hung on volunteers from tongji come and play movies for old people every Thursday. the wall of their common bedroom now. it's compulsory that children of the elderly people should visit them at least once a week. planting in the roofgarden one a week is a compulsory job. It's very hot in the roofgarden in summer and could be cold in winter.it's not well used . elderly people can not go out without permission. 1. The activity schedule is arranged by the organiser of the center, the elderly people 1.we just saw a few gymnastic facilities and no one use them. do not have much independent option 2.the hygienism condition is not very good 3.quality of lunch does not look good, though nuitrition quota was emphasized. 2. They do not have many outdoor activities and specific facilities and programs to 4.there is no any decoration for improving their living atmosphere, just white and grey dirty walls, dark-color wooden doors and doorframe. Few plants in the main yard, and no one takes exercises improve their physical functions.

Basic information of 'Jing Lao Yuan

-80+, the elderly who are capable of living independently -government take care of this place opening to the elderly in the community

-capacity: 16/30 -will be another similar center in the community next year

SCHEDULE

8:00am-4:00pm (basically open from 7:30)

Taking care of the elderly who are basically capable of living independently during day time; activities and lunch. (but also include handling unexpected issues like cleaning up

PROCEDURE:

apply for ...- talk with the offspring - evaluate the health condition - agreement (simple)

MEDICAL WORKERS:

doctors/volunteer/ managers..

can they decide what ACTIVITIES to do?

most of the activities are decided. but took into consideration of the interests of the elderly.(combine with popularity and individuation)

where will they go when physical condition get poor?

2. gerocomium around the community/in the city 3.terminal care

BIGGEST CHALLENGES:

-How to make them happy, play the energy , making the relatives feel relieved;

-Make the best use of the government support; -How to activate more activities(since the elderly are too old) -The condition of the elderly is unstable and unpredictble that hard to control.

Basic information of 'Jing Lao Yuan'

AHOUT BEING INTEGRATED IN A NEW ENVIRONMENT 2

-light / moderat / heavy dependent elderly, 85% are female -government take care of this place -opening to the elderly in the community -capacity: 78/78 (30-40 are waiting for vacant beds)

can't leave without permission from the relatives & administra-

TYPE OF SERVICES:

minor illness like catching a fever/cold, long-term medication.(the doctor visit here weekly and leave the prescription) emergency and serous illness call for the relatives to take them

PROCEDURE:

after the consent form the elderly, the relatives come and register(if there are vacant beds) - health examination- evaluate the grade of nursing (charge for different fees:1400RMB,1600RMB,1800RMB)- check in after the agreement from the relatives - 30-days assessment period(if the elderly adapt to collective life)

tcan visit the elderly in anytime and are supposed to come at least once a week.

ACTIVITIES: 🍟

The elderly are encouraged to take care of the plants once a week (promote desire/optimism/joy for life)

main reason for satisfactory?

The leadership treat them like own parent and make an inspection tour everyday to check if there are any things to complan

BIGGEST CHALLENGES:

-How to make this place like a home for the elderly? -How to adapt the new residence to a new environment?

DESIGN THINKINGS:

-How to integrate the elderly into a new environment quickly

gathering activities, just a few women elderly people were talking in the canteen

5.there are little communication between the elderly people in their living room, and no any

6.an elder grandma took out his water brush stroke to show us and then put it back under his

-communication center fo anyone

-government take care of this place -volunteers/ teachers from Tongji University come several times

-very new, only established 3 months before

there under the strong sunlight.

8:30-11:30,13:30-16:30

Activities: reading/handcraft workshop/play chess/tpublic living room/meeting room/toys for preschool children/ learning traditional Chinese culture and skills(instruments/calligraphy...)/

-anyone can come and use the space and facilities some of the rooms have to be reserved before using

initiated by the goveronment realize autonomous organization by the residents

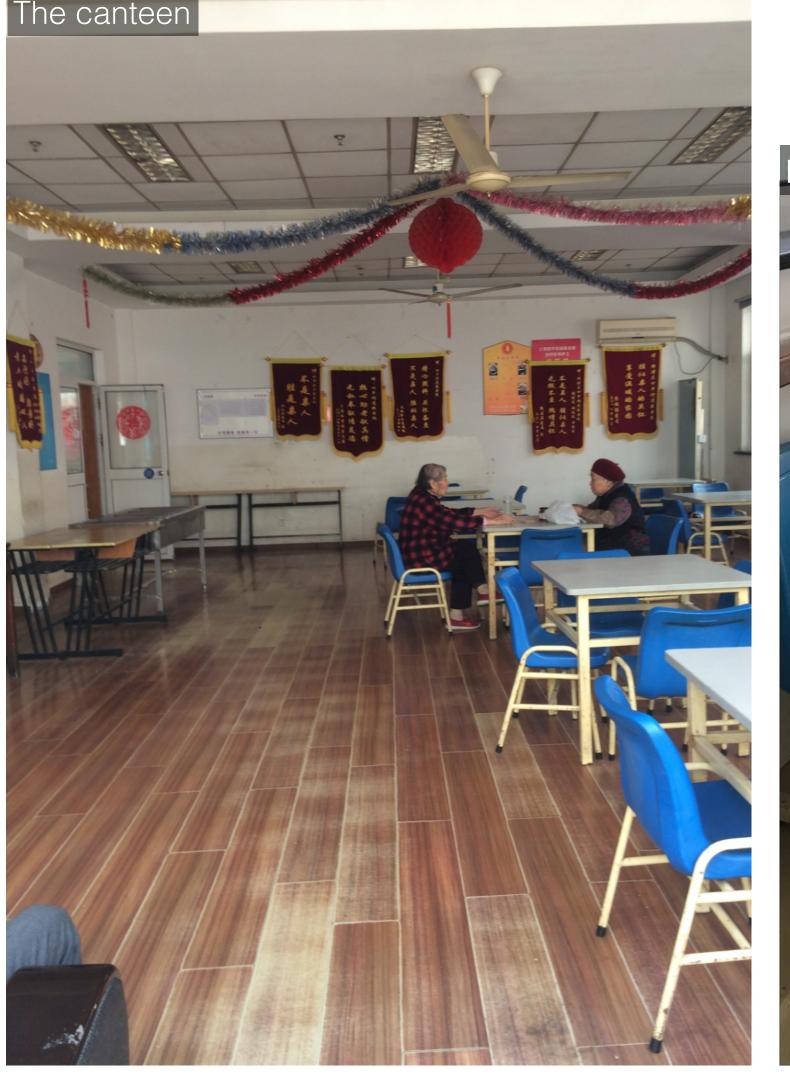
BIGGEST CHALLENGES:

-How to mobilize more people to come and participate in?

DESIGN THINKINGS:

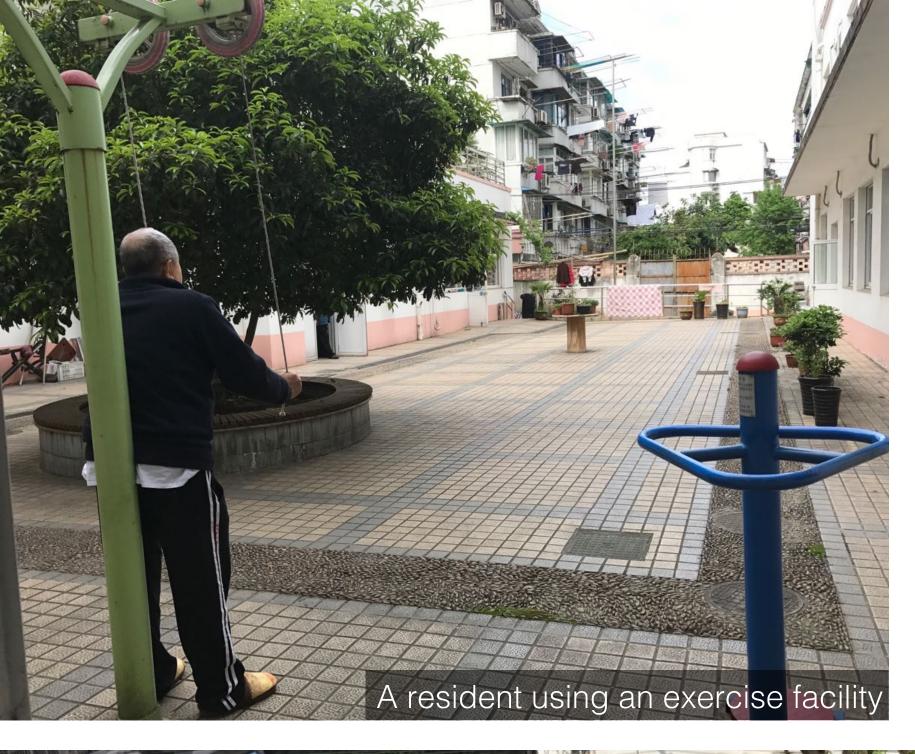
-How to inform people of this great place and engage them to use the facilities and resources here? -What's the target group of this center(primary users/second-

ary users/tertiary users...are not clear yet)



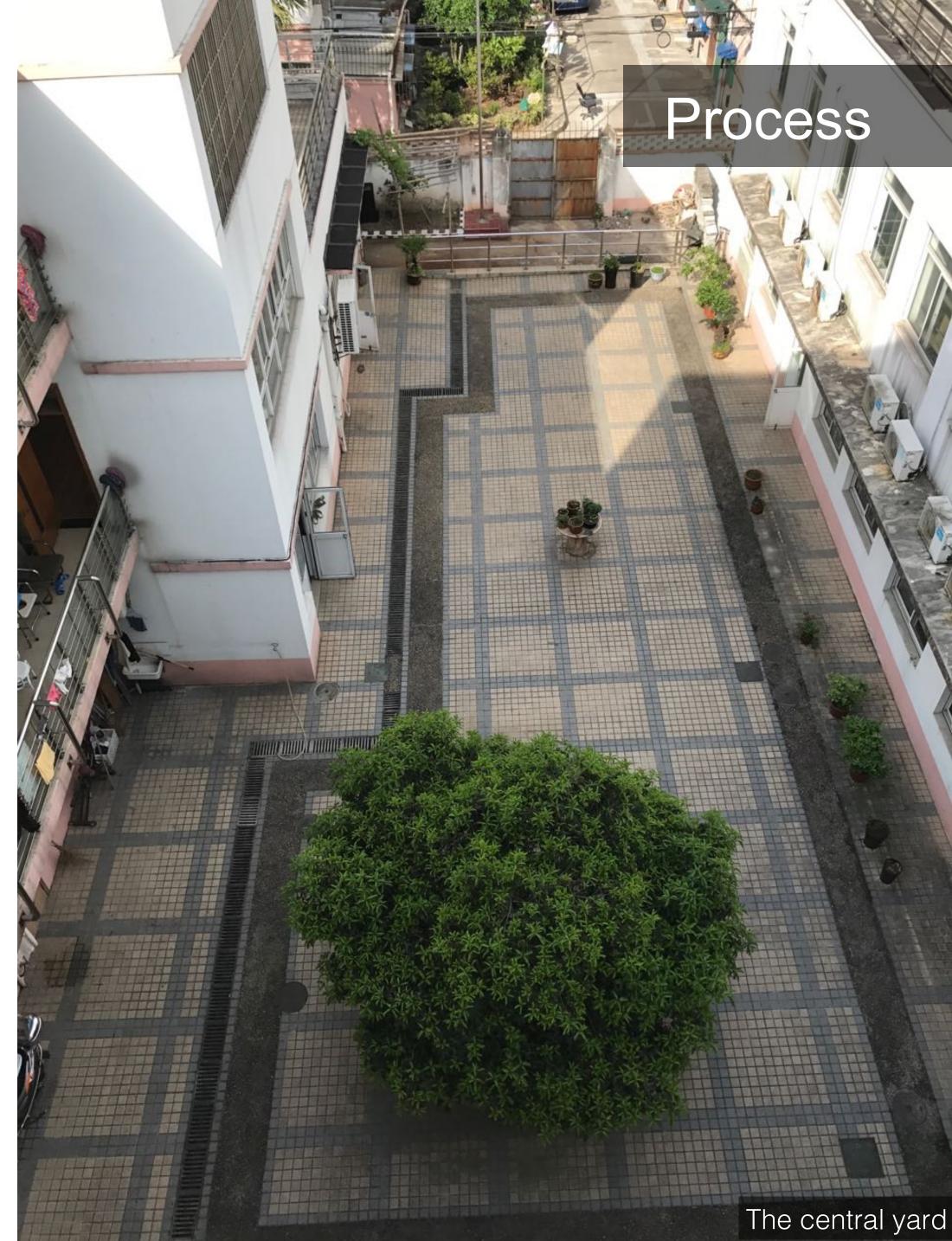












Semi-structured interviews

WHAT

A form of interviewing process where the interview is planned to some extent, but allows modifications and additions usually in the form of follow up questions.

GOAL

To complement the phenomenological observations and to deeper understand the residents, workers and visitors needs, wants and motivations. Also, to lay foundation for the user profiles.

INTERVIEWEES

Residents: Mrs. Zhu / Zhang jing / Mr. Yu Nursing workers: Mr. Anonymous / Mr. Yan

Relative: Mrs. Li

	Residents	Nursing workers	Visitors
	Basic Information	Basic Information	Basic Information
Part 1	Daily and Weekly Activities	Daily and Weekly Activities	Visiting routine
Part 2	Visitors	Relationship to co-worker and residents	Relationship
Part 3	Relationship		General Comments
Part 4	General Comments		

User Profiles

As the first step to understand who the users are, User Profile was developed based on the Phenomenological Observations and Semi-structured interviews.

WHAT

Detailed description of your users' attributes.¹

GOAL

To ensure that you know who you are developing your product for, and who to recruit for usability activities.²

Primary User: Residents

Age range: 67 - 107 years

Location of residence: Siping community, Yangpu, Shanghai

Occupation: Retired or previous housewife Socio-economic status: Working or middle class

Level of education: High school education, no university studies

Years living at the elderly center: 1 - 8 years

Main activities: Reading, radio, playing mahjong, performing lighter exercising and watching TV

Health condition: Leg/hip problems, weakened body due to age, mentally healthy Attitudes and values: Generally optimistic and positive to the nursing home

Secondary User: Nursing workers

Age range: 55 - 65 years

Location of work: Siping community, Yangpu, Shanghai

Occupation: Nurse

Years working at the elderly center: 3 months - 7 years

Socio-economic status: Working to middle class, but currently retired or unemployed

Working experience: 3 months - 10 years experience within nursing

Level of education: Training at nursing centers but no official nursing education

Key tasks and job duty/content: Taking care of residents: feed, help using bathrooms/potty,

handling residents laundry. Includes both day and night shifts.

Attitudes and values: Stressed due to high work load, generally outgoing with limited energy and

time to sympathize with the residents

Tertiary User: Visitors of residents

Age range: 60 - 80 years

Location for visiting family member: Siping community, Yangpu, Shanghai Relationship to the resident: Son, Daughter or other close family members

Occupation: Retired or previous housewife, currently spend time taking care of family and home

crafts like cooking or cleaning

Socio-economic status: Working - Middle class, but currently retired or unemployed

Experience of taking care taking: 5-10 years of taking lighter care of family member at home Key activities while visiting: Helping resident with eating or using the bathroom, talking, bringing newspaper or lighter food

newspaper or lighter food

Visiting frequency: 3/day - 1/week

Attitudes and values: Generally positive to visit the nursing home and meet the family member, do

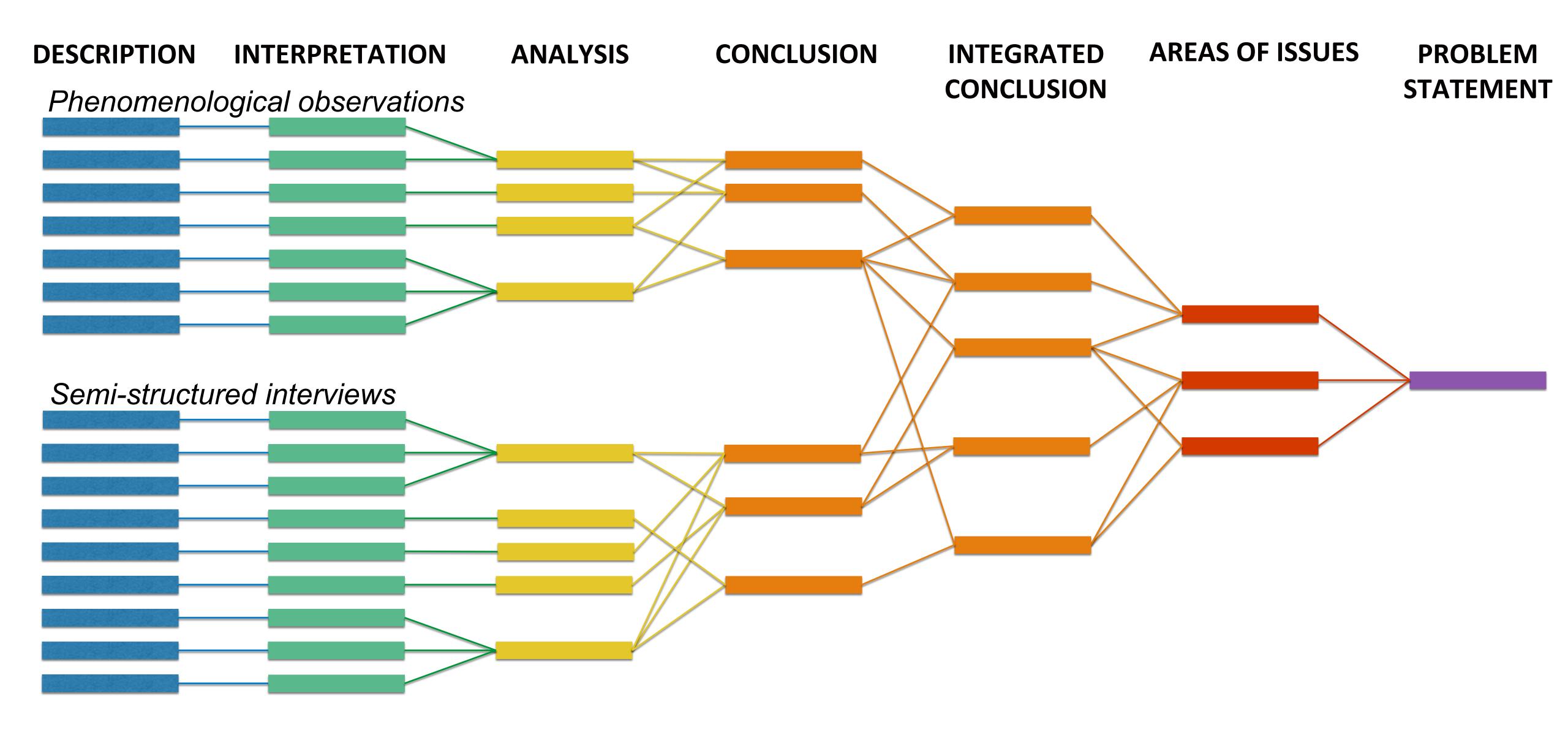
however tend not to stay for a long time

Phenomenological observations

Semi-structured interviews

Issue Map

STRUCTURE OF ISSUE MAP



STRUCTURE OF ISSUE MAP

An example

DESCRIPTION

A female resident is using a potty to urinate in the middle of a room on the third floor, inside the "dependent"-wing. Two other females and one male is helping her by moving her to the potty and holds her body during the process. The resident does not make resistant or show any change in facial expressions from before. There are several other residents located in the room at this time who do not look at the resident using the potty.

INTERPRETATION

The two females helping the resident seems to be nurses or workers. The male seems to be the female resident's visitor. The resident using the potty can not use the potty by her self, and need help with moving her body. It might be inconvenient for the resident to move to bathroom to unirate. When residents unirites inside room, other residents do not leave the room.

ANALYSIS

There is limited amount of privacy for the residents.

Many of the residents in the "dependent"-wing can not move around by themselves, and need assistants for simple activities like using the potty.

CONCLUSION

There is limited amount of privacy in living room for the residents. Many of the residents can not move around by themselves and depend on assistance for activities for basic physiological needs.

AREAS OF ISSUES

Physical Environment
The inactive physical
layout of the facilities
and furniture limited
possibilities for social
engagements, personal
interests and physical
activities for the
residents.

PROBLEM STATEMENT

The inactive physical environment as well as the very rare social connection limited interactions among residents, degrading quality of experience for "feeling home". Besides, cognitive empathy and emotional empathy for residents has not been transformed into empathic concern due to limited time and space.

ISSUE MAPPING: SIPING 'JING LAO YUAN' NURSING HOME

General Purpose: Facilitating an enjoyable and integrated experience for the residents at the nursing home.

SITE Spiring Jing Lao Yuan Fhuring Home Inola Mad Spiring Jing Lao Yuan Fhuring Home Inola Mad Spiring Jing Lao Yuan Fhuring Home Inola Mad Spiring Jing Lao Yuan Haring Home Inola Mad Spiring Jing Lao Yuan Haring Jing L

SEMI-STRUCTURE INTERVIEW PHENOMENOLOGICAL OBSERVA-Goal: To get direct data from users interviewed for understading their real experience and emotion, which can be the crucial evidence and base for design brief about improving user experience in the 'JING LAOYUAN' nursing home at Siping Goal: To gain a better understanding of the residents behaviours, motives and needs concering people to people and people to environment interactions in the 'JINGLAOYUAN' nursing home at Siping community. INTERPRETATION **ANALYSIS** INTAGRATED CONCLUSION ANALYSIS DESCRIPTION CONCLUSION QUESTIONS CONCLUSION The elderly residents had few digital media to esetablish relationship between them and outside world. Many of the residents have difficulties in expression feelings and needs as well as making their own decisions. These residents can not insist or comment on the order given from the nurses, who may sometimes ignore or Can you describe a usual day?

(Ask about timeline: wake up, breakfast, lury) There is few personal items and limited place storing it, which creater a more minimalistic and non-personal environment.

The lack of privacy, personal space and storage of personal belonging affects how the residents feel and integrate into the nursing home.

The physical layout of the facilities and its furniture are not arranged to support physical or social needs of the residents. Many of the residents are dependent on the assistance of nurse visitors, and their ability to move and engage in both activities socialise are therefore very limited. AREAS OF ISSUES PROBLEM STATEMENT The inactive physical environment as well as the very rare social connection limited interactions among residents, degrading quality of experience for "feeling nome". Besides, cognitive empathy and emo

The Physical Environment

The inactive physical layout of the facilities and furniture limited possibilities for social engagements, personal interests and physical activities for the residents.

Interactions and Relationships amongst the Residents

Few activities and alternatives to engage in, hindering both the creation of new relationships and the maintenance and development of established relationships, which affects the level of empathy between the residents.

Empathy and Relationships Between Residents and Nursing Workers

Lack of empathy as well as personal and emotional depth in the relationships between the nursing workers and the residents, decreasing the opportunities for enjoyable experiences and social interactions between them.

Communication and Expression

Lack of understanding the residents emotions, needs and values, due to both limitations in some the residents alexithymia and nurses'high work load ,decreasing the nurses empathic concern and results in residents receiving less fulfillment of needs and desires.

Area of issue 5

Interactions and Relationships Between Residents and Visitors

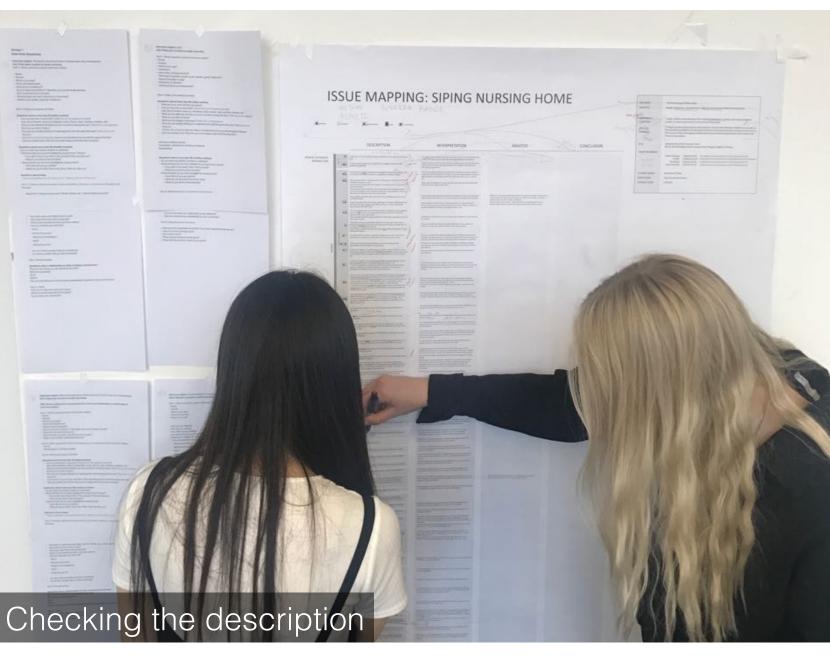
Visitors do not stay long due to their busy life, as well as less private space for visitors and residents to interact.

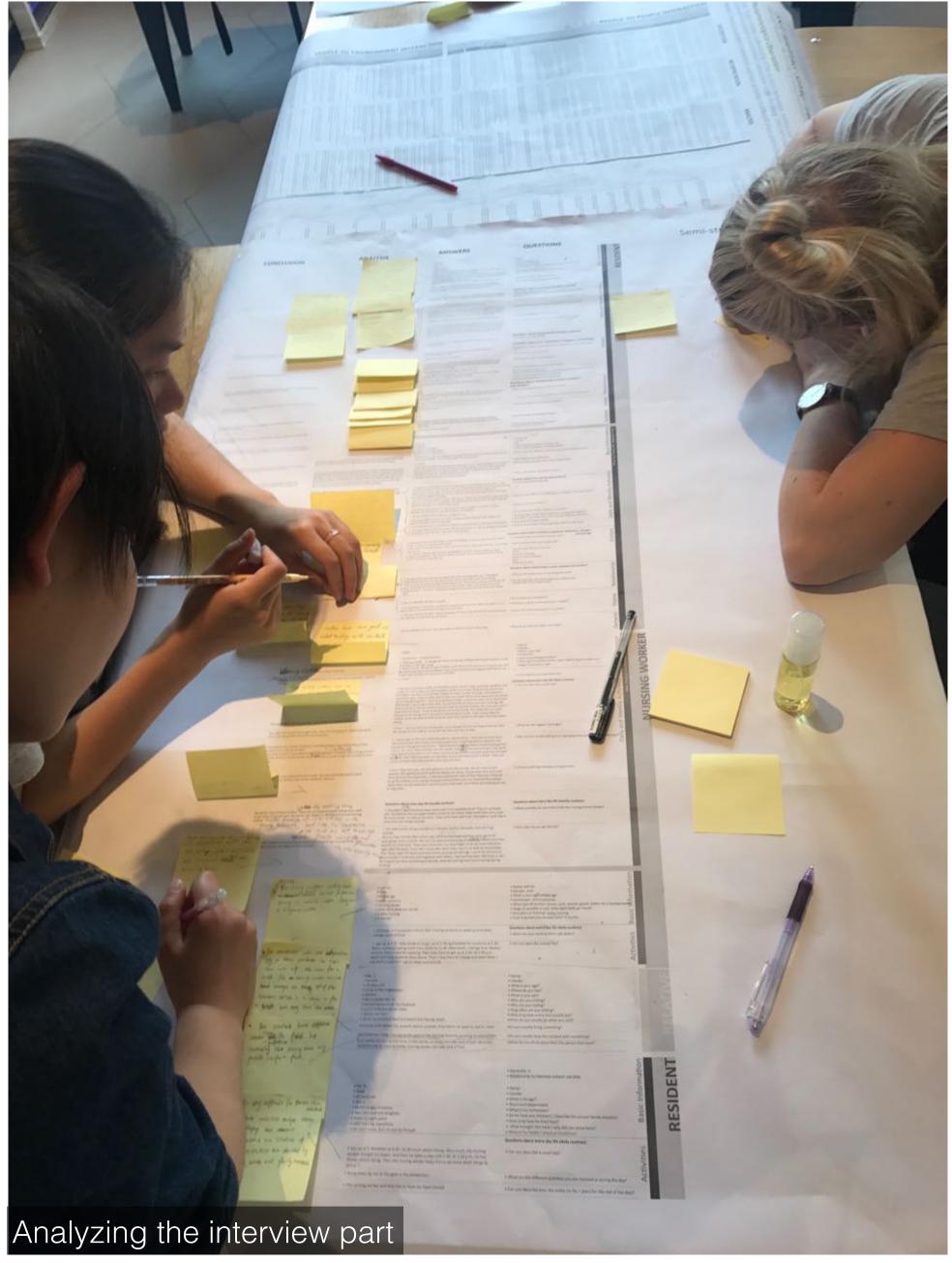
Area of issue 6

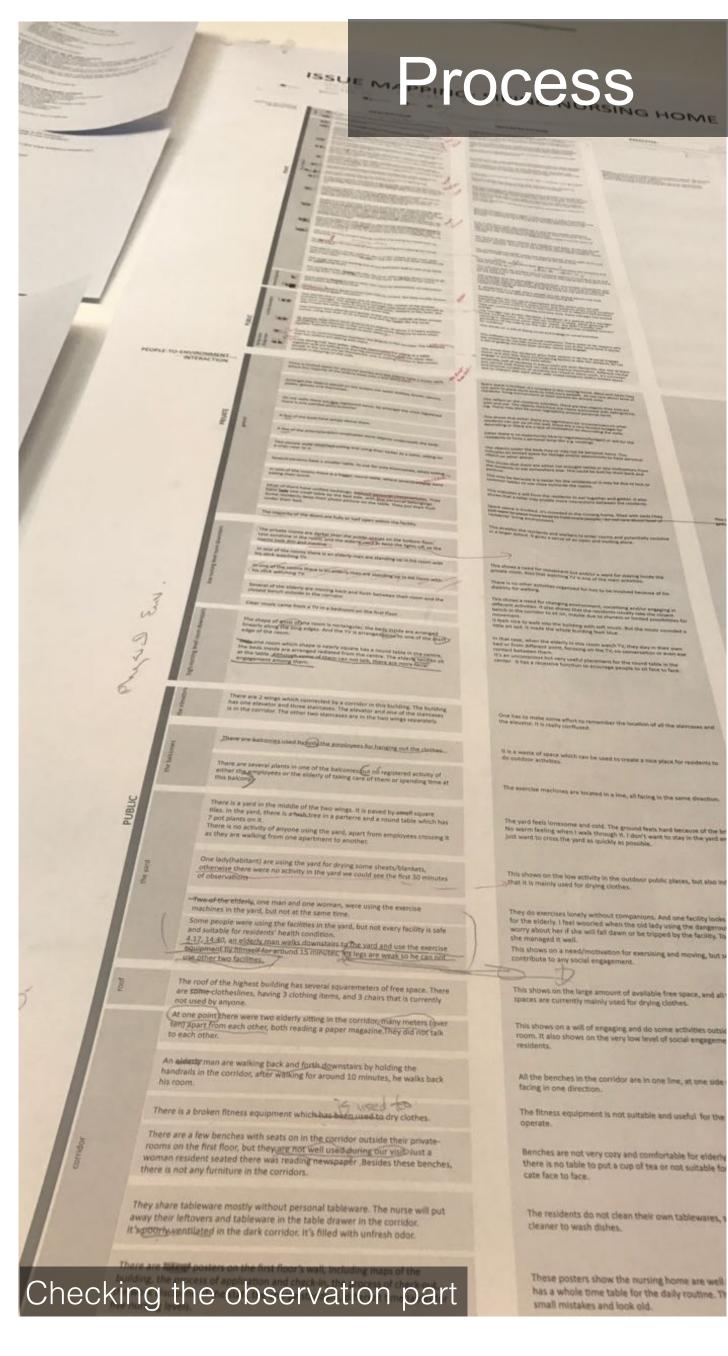
Communication and Social Connection

The residents need more social interactions than what is provided by their visitors. Disconnection with the society, daily activities limited within the nursing home for the residents' safety, hence both residents and nursing workers do not fulfill all the social engagements they need.









The Physical Environment

The inactive physical layout of the facilities and furniture limited possibilities for social engagements, personal interests and physical activities for the residents.

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Lack of understanding the residents emotions, needs and values, due to both limitations in some the residents alexithymia and nurses' high work load, decreasing the nurses empathic concern and results in residents receiving less fulfillment of needs and desires.

Interactions And Relationships Between Residents And Visitors

Visitors do not stay long due to their busy life, as well as less private space for visitors and residents to interact.

Communication And Social Connection

The residents need more social interactions than what is provided by their visitors. Disconnection with the society, daily activities limited within the nursing home for the residents' safety, hence both residents and nursing workers do not fulfill all the social engagements they need.

The inactive physical environment as well as the very rare social connection limited interactions among residents, degrading quality of experience for "feeling home". Besides, cognitive empathy and emotional empathy for residents has not been transformed into empathic concern due to limited time and space.

PROBLEM STATEMENT

The inactive physical environment as well as the very rare social connection limited interactions among residents, degrading quality of experience for "feeling home". Besides, cognitive empathy and emotional empathy for residents has not been transformed into empathic concern due to limited time and space.

HYPOTHESIS

If the physical, cultural, and social environment are improved together, the enjoyable and integrated experience will be facilitated for residents.

- If the physical environment is optimized, the interaction amongst residents will be improved.
- If the empathy level is promoted, the relationship between nursing workers and residents will be more interactive.
- If the social engagement is well activated, the connection between residents and society will be enhanced.

Initial idea 1

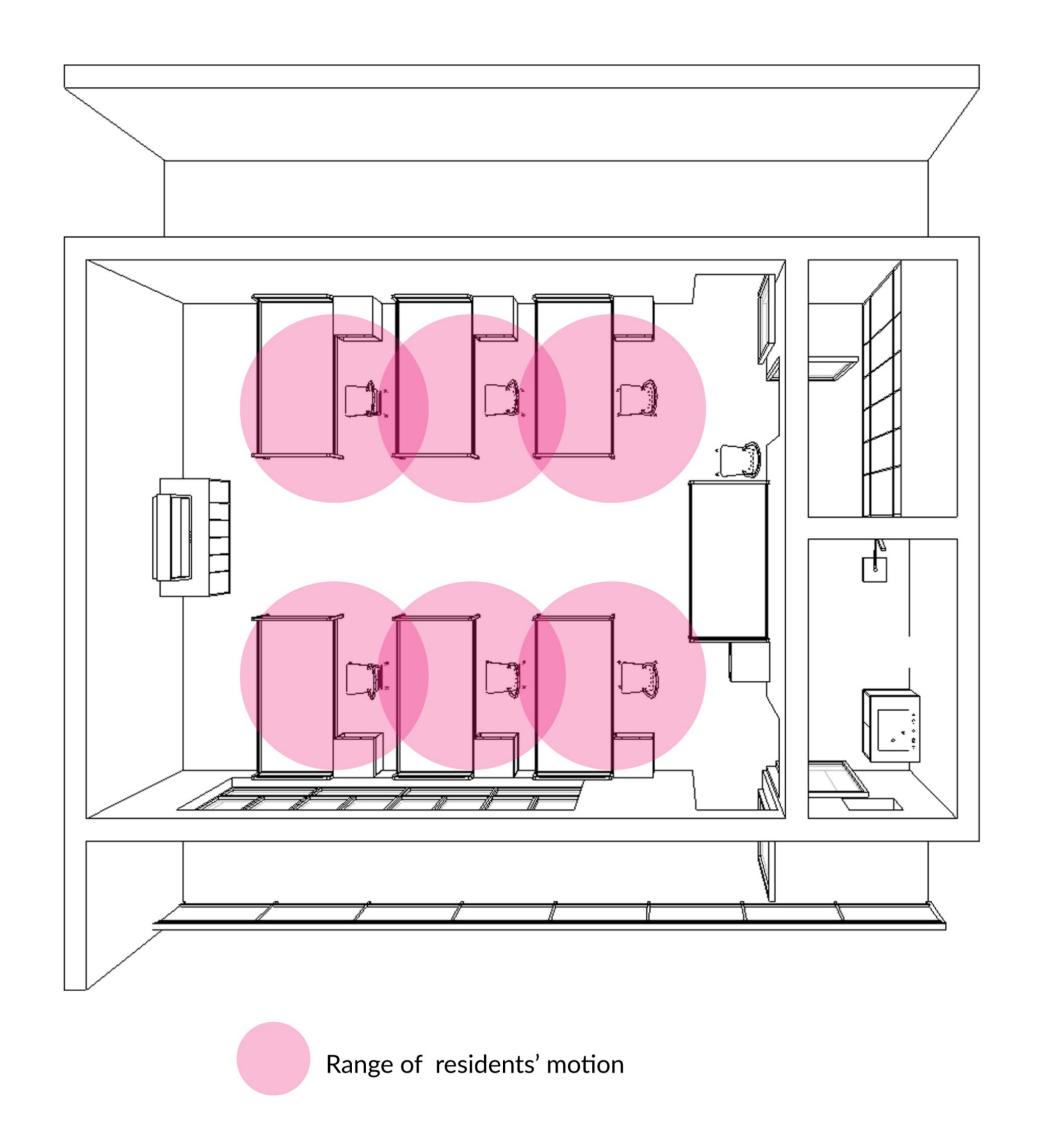
The layout of the rooms should be redesigned.

Optimizing the layout of physical environment will help residents to interact with each other more easily, providing possibilities for more personal interests and social engagement.

"Dependent" wing - Before

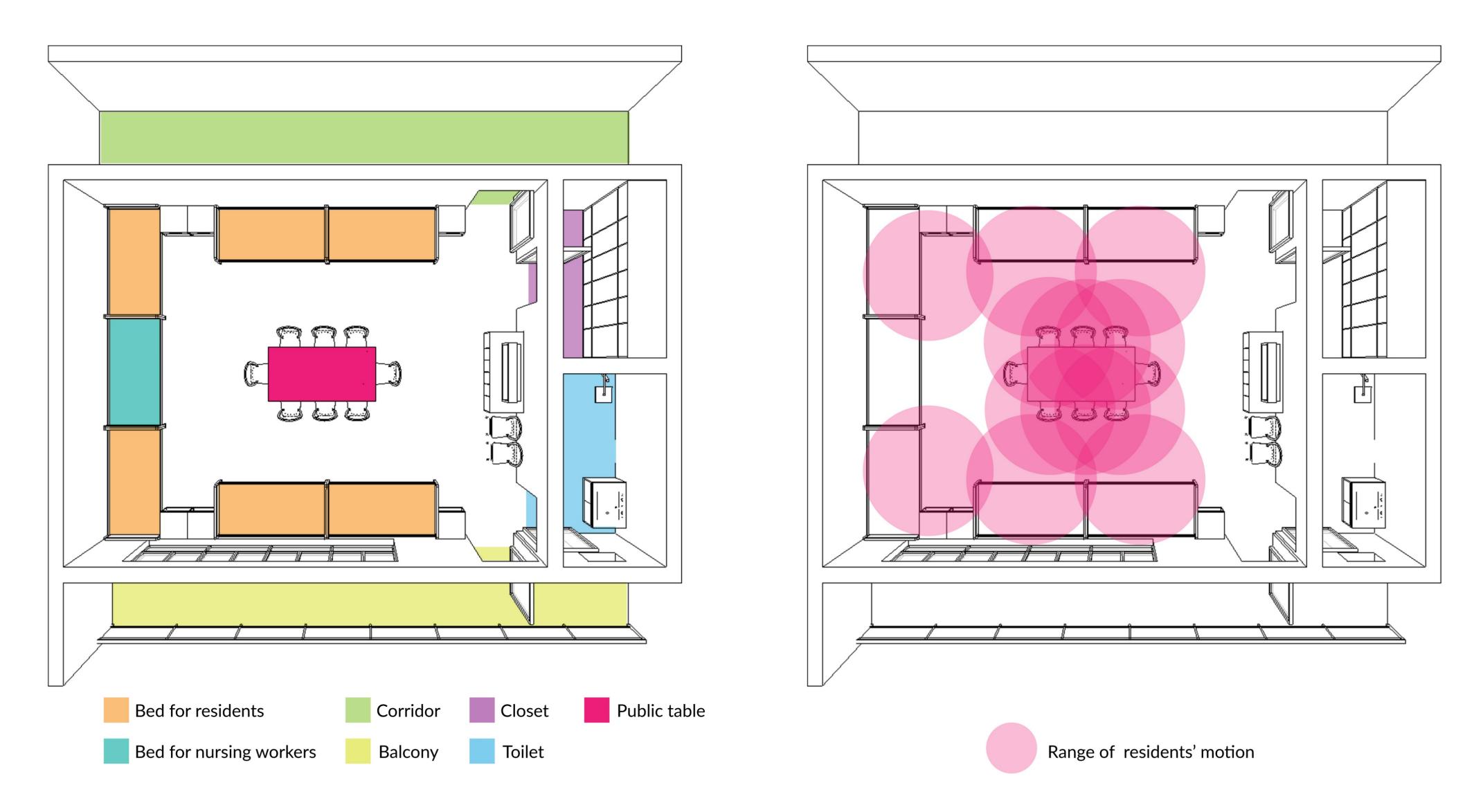
Current situation





"Dependent" wing - After

After redesigning





Central yard - Before

Corridor

Table

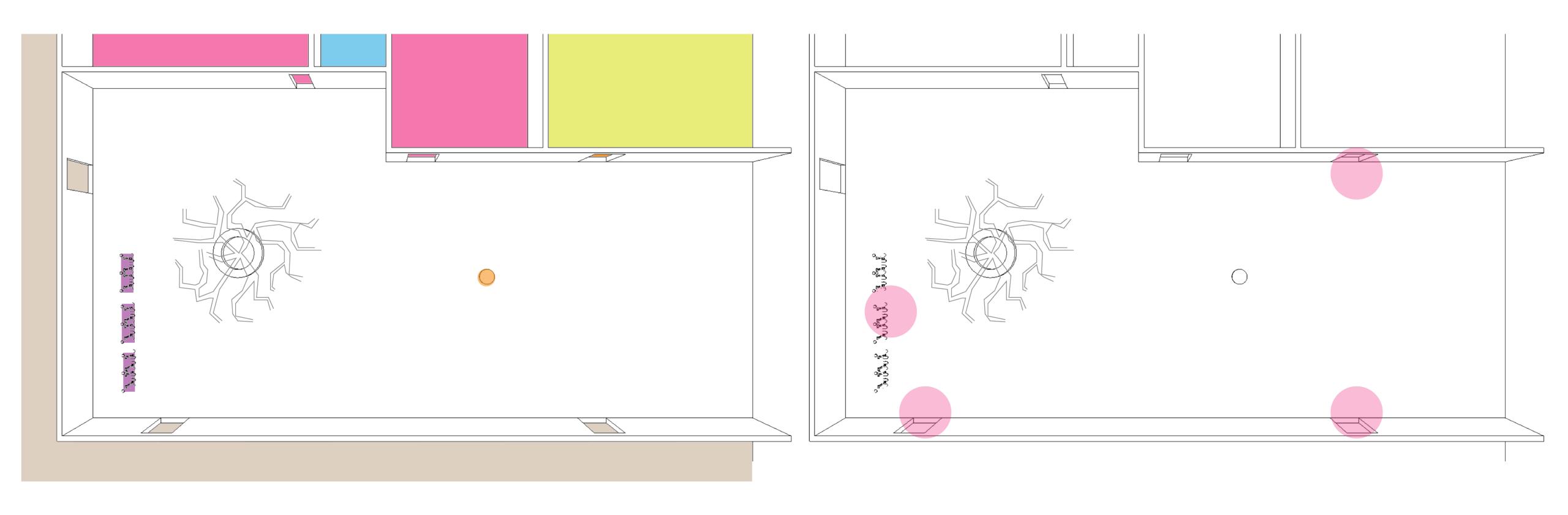
Exercise facility

Toilet

Current situation

Canteen

Residents' room



Range of residents' motion

Central yard - After

Corridor

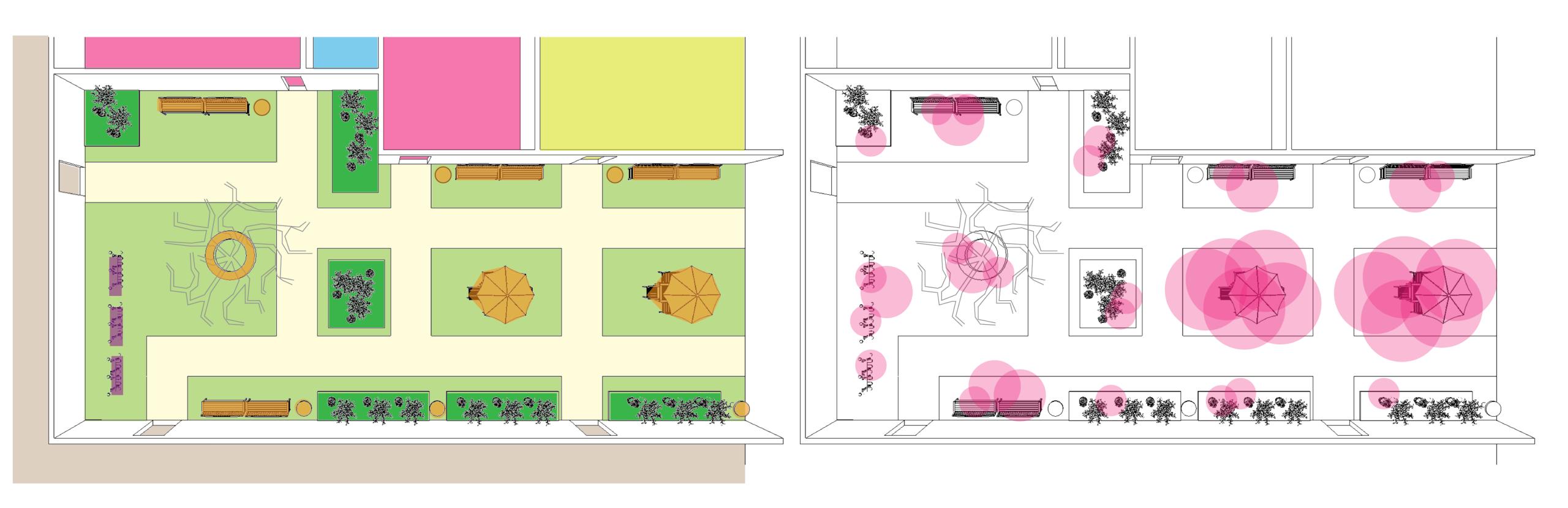
Table & chair

Toilet

After redesigning

Canteen

Residents' room







Initial idea 2

Lectures or trainings should be given to the nursing workers.

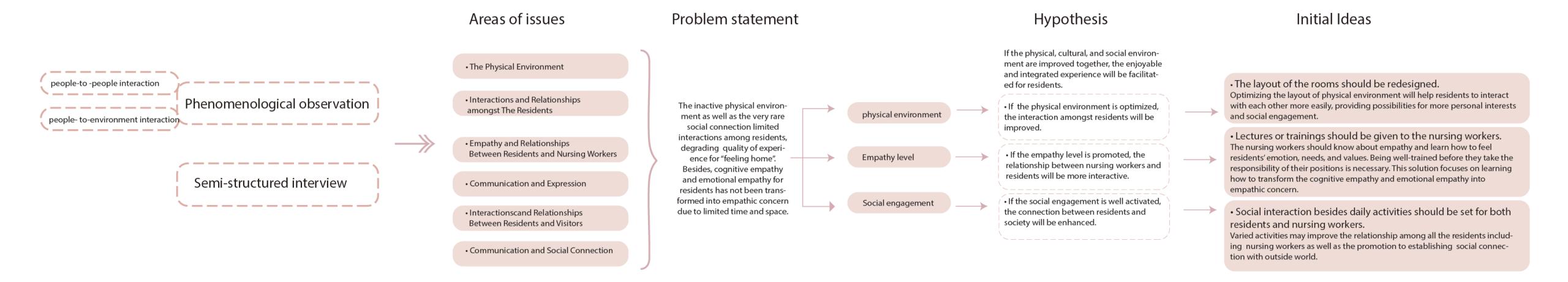
The nursing workers should know about empathy and learn how to feel residents' emotion, needs, and values. Being well-trained before they take the responsibility of their positions is necessary. This solution focuses on learning how to transform the cognitive empathy and emotional empathy into empathic concern.

Initial idea 3

Social interaction besides daily activities should be set for both residents and nursing workers.

Varied activities may improve the relationship among all the residents including nursing workers as well as the promotion to establishing social connection with outside world.

Issue Mapping Strategy



Divergent solutions on 3 aspects

Lectures about emphathy transformation
given to nursing workers and family
members

Cutting down caring loads for each nursing worker for setting aside time for empathetic concern and proper work gap for taking a break

Adding interactive space and activities for
gaining possibilities to conduct empathetic
concern from family members to residents

Physical environment

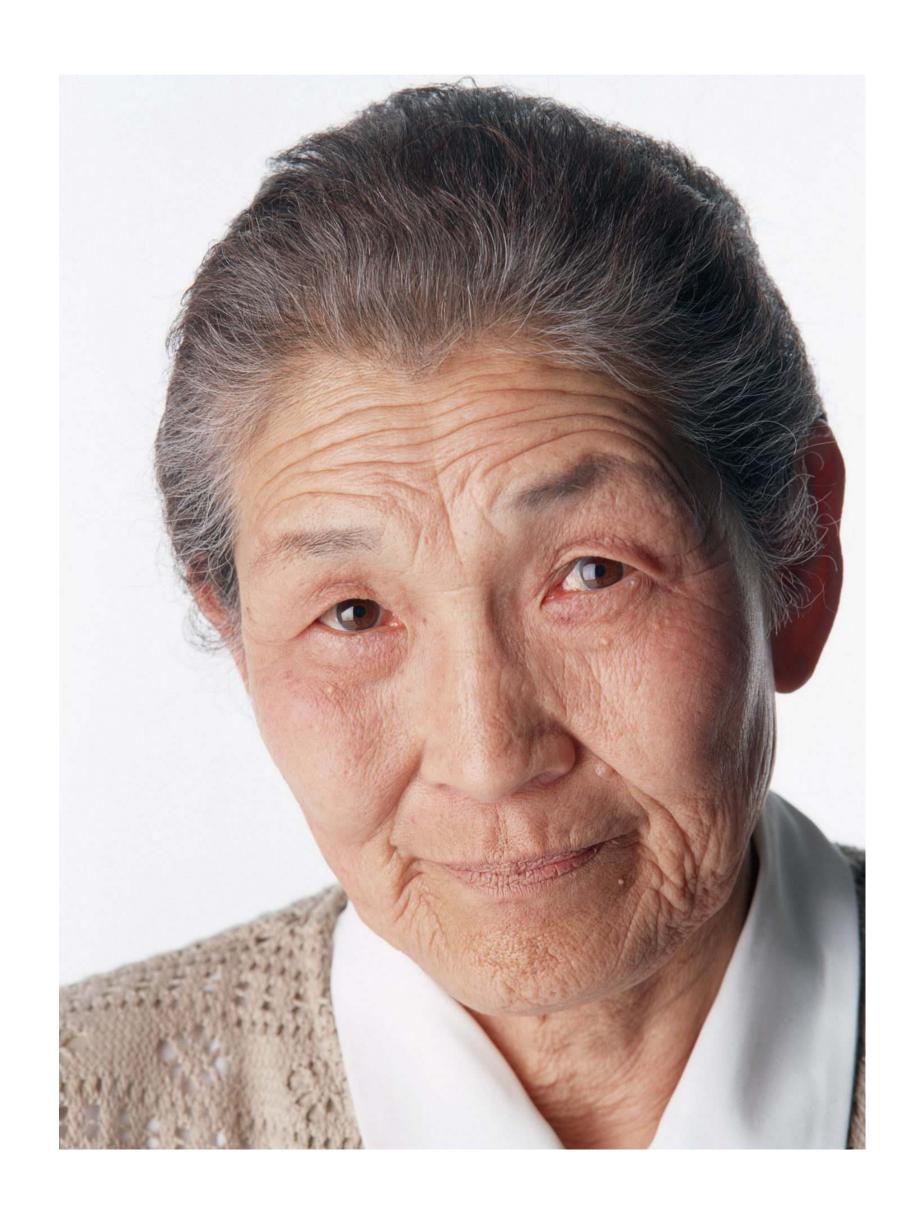
Empathy level

Social engagement

- Changes for layout of living room
- Changes for layout of yard and varies plants to claim and adopt
- Yard farming garden for nursing workers and visitors
- More aesthetic symbols for improving the people-to-people interaction
- Self-catering kitchen increasing interaction and connection between residents and their familiy visitors.
 - Sewing and crafts class providing for residents access to communication with visitors and nursing workers
 - Shared cultural resoures providing cultural media for increasing cultural connection with outside world.
 - More frequent arranged purchase or other activities needing go-outside behaviors for mentally healthy residents and nuring workers for with the help of anti-lost device technology such as GPS positioning sticks

Personas

GOAL
Personas take a user profile and then fill in details to create a "typical" user. ¹



Primary Persona: Resident Xiuying WANG

Age: 87 years old

Location of residence: Siping community, Yangpu, Shanghai

Occupation: Retired

Socio-economic status: Working class Level of education: High school education Years living at the elderly center: 4 years

Main activities: Reading, radio, playing mahjong, performing lighter exercising and

watching TV

Health condition: Leg/hip problems, weakened body due to age, mentally healthy

Attitudes and values: Generally optimistic and positive to the nursing home



Secondary Persona: Nursing worker Jing LI

Age: 50 years old

Location of work: Siping community, Yangpu, Shanghai

Occupation: Nurse

Years working at the elderly center: 3 years and 7 months

Socio-economic status: Working class,

Working experience: 4 years experience within nursing

Level of education: Training at nursing centers but no official nursing education

Key tasks and job duty/content: Taking care of residents: feed, help using bathrooms/potty, handling residents laundry. Includes both day and night shifts.

Attitudes and values: Stressed due to high work load, generally outgoing with

limited energy and time to sympathise with the residens



Tertiary Persona: Visitor Guoqiang ZHANG

Age range: 65 years

Location for visiting family member: Siping community, Yangpu, Shanghai

Relationship to the resident: Daughter

Occupation: Retired or previous housewife, currently spend time taking care of

family and homecrafts like cooking or cleaning

Socio-economic status: Working class, but currently retired

Experience of taking care taking: 7 years of taking lighter care of family member

at home

Key activities while visiting: Talking, bringing newspaper or lighter food

Visiting frequency: 3 times/week

Attitudes and values: Generally positive to visit the nursing home and meet the

family member, however tend not to stay for a long time

Concrete solutions

Promotion to layout of physical environment for triggering more facial engagement

Promotion to activities, resources and space for involving more interaction and social connections, especially between residents and family members

Promotion to access to emphathy transformation

A round table

An aesthetic drawing picture

A self catering kitchen

A plant cozy garden









A round table in the middle of the room will unconsciously gather residents at the table, even with little verbal communication but involving more facial engagement.

Personal belongings including family photos as well as works of art create a cozy atmosphere.

for visitors and also nursing workers for making customized food, which can increase interaction and connection between residents and their

for nursing workers and visitors , as well as providing vegetables to canteen and alternativie optional food materials

A sewing class



A book corner



Residents with relevant craftsmanship can teach and communicate with visitors and nursing workers



providing movies and other media for nursing workers and residents to share and communicate in a public multi-media area.



Shared cultural resoures providing newspapers, books, movies and other cultural media as well as public places to fulfill cultural activities, for increasing cultural connection with outside world.

A course for empathy

A permit for going outside

An anti-lost device for going outside

A reduced work load









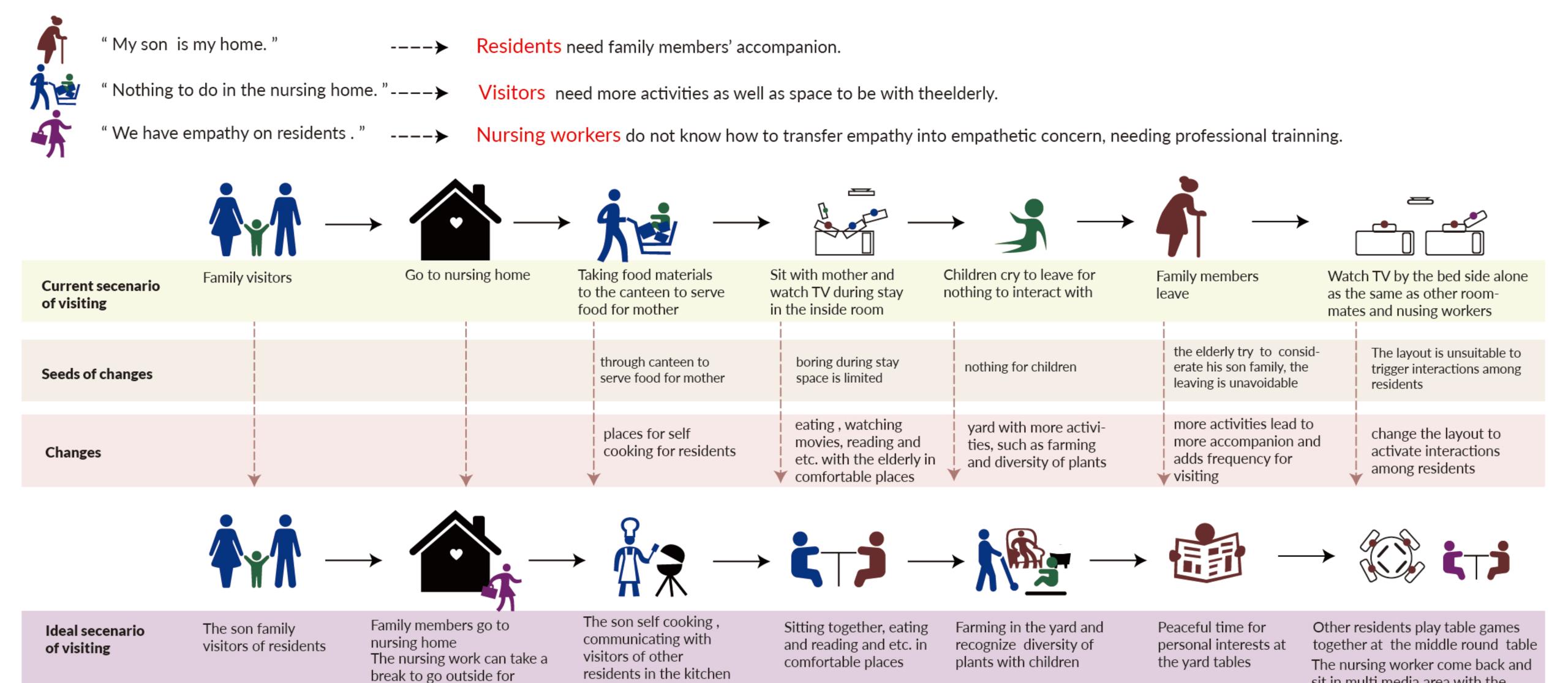
Lectures about emphathy transformation periodical as well as preparative courses will be given to nursing

going outside with the help of anti-lost device technology such as GPS

More frequent arranged purchase or other activities needing go-outside behaviors for mentally healthy residents and nuring workers

nursing workers have more time for empathetic concern and proper work gap for taking a break

Process of Experience



personal activities nursing

home

sit in multi media area with the

the day

resident to share self experience in

Thank you!

Figures:

Figure 1: Illustration of the functional layout and basic information of Siping JingLaoYuani

Figure 2: Illustration of "The empathy Triad" from theory of Daniel Goleman

Figure 4: Illustration of "facial engagements" from theory of Erving Goffman

Figure 5: Concept map inspired by theories of John Dewey (Having an Experience) and Daniel Goleman (The empathy Triad)

Figure 6: Illustration of concept of "Home" for this nursing home project

Figure7: illustration of aspects of phenomenological observation inspired by theories of John Dewey (Having an Experience) and Erving Goffman (Facial Engagements).

Figure8: Illustration of parts of questions for semi-structure interview for different types of interviewees

Figure9: "Issue mapping: Siping" JingLaoYuan" nursing home based on phenomenological observation and semi-structure interview