

HEY LET'S GO!

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BACKGROUND



SENIOR ISOLATION

PROBLEM

Senior isolation increases the risk of mortality

SOLUTION

Keep Socially Active

DESIGN GOAL



Space out
Watch TV
Snap



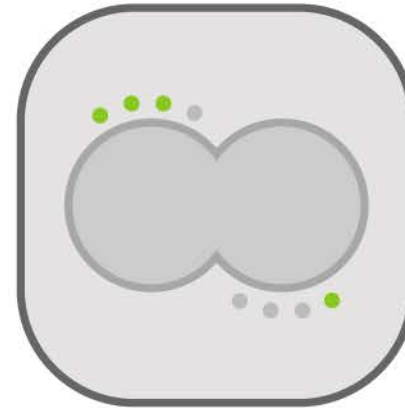
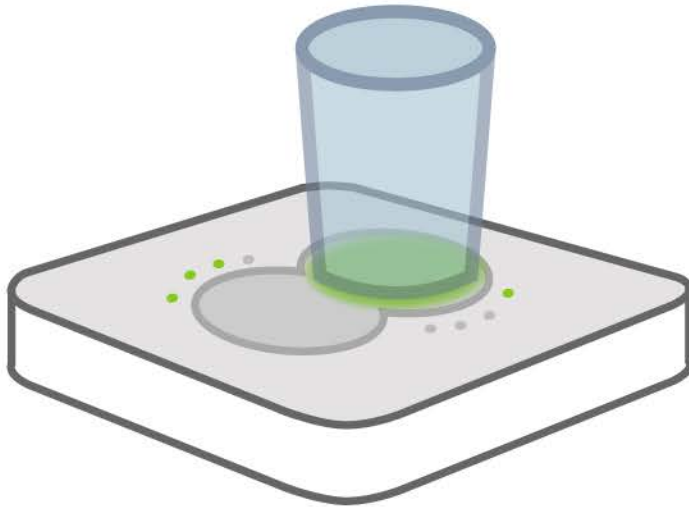
Chat
Take a walk
Play cards
Dance

DESIGN GOAL

WE NEED SOMETHING THAT IS...

- Easy to see and easy to get for elders
- Make social activities easier to be organized
- Similar to daily life things which the elders are most familiar with
- Use existing smart devices which is the most friendly to elders

IDEA - PART 1



- Show current status of friends or neighbors
- Easy to organize activities with friends

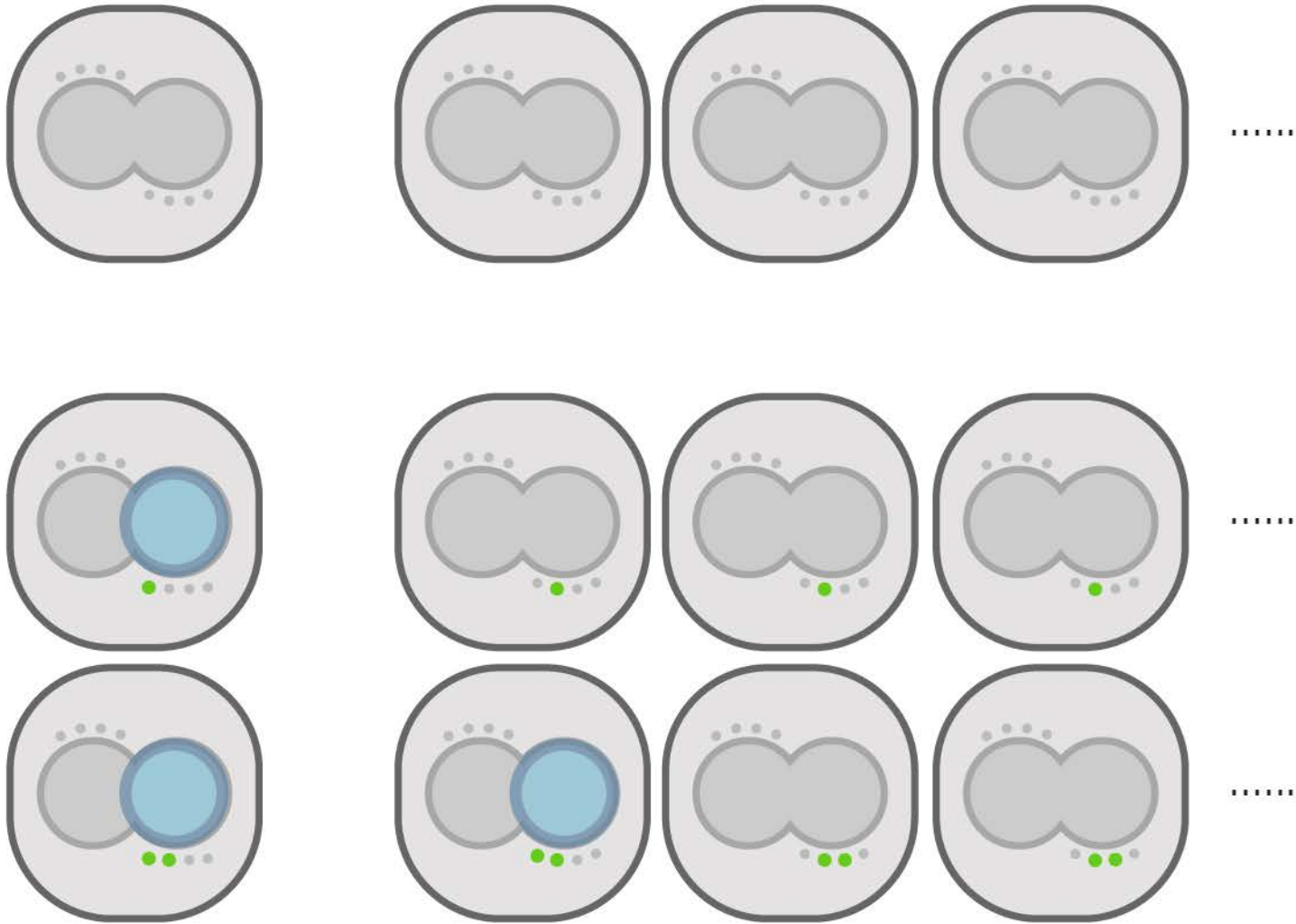
IDEA - PART 2



LARGER · MOBILE · FINGER TAPPING

- For tasks which are hard to be finished on coaster

HOW DOES IT WORK



HOW DOES IT WORK

Do they have time to play cards together?

Wait for their response.

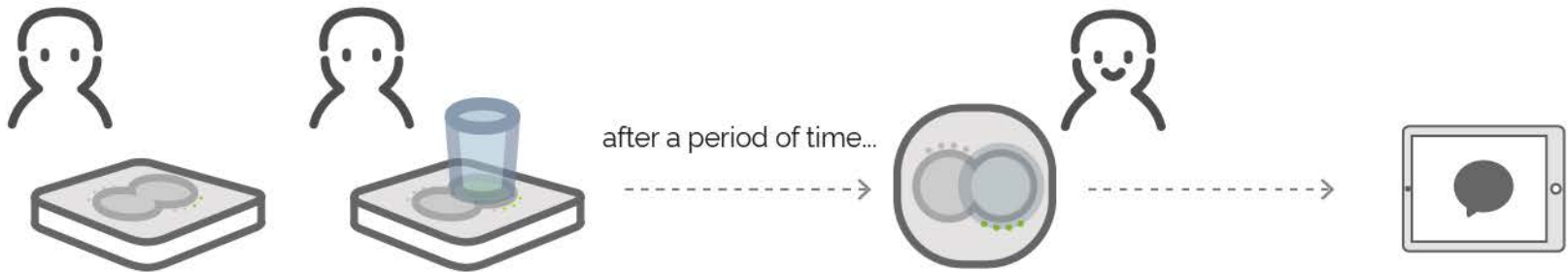
Yes! All of them! I should choose a place on my tablet.



Hua and Ye wants to play cards.

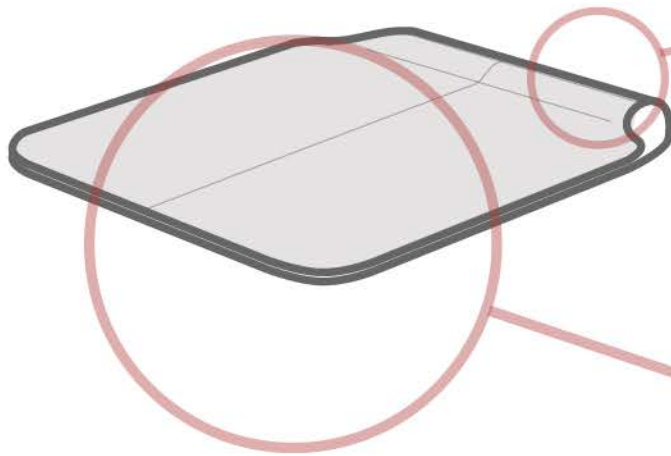
I want to join!

We all joined.
Ask them to my place to play!

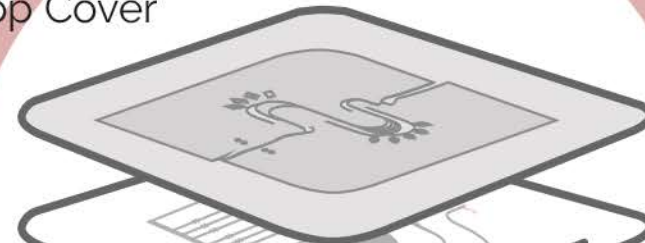


HARDWARE PART

Microcontroller + Lithium Battery



Top Cover



Printed Circuit



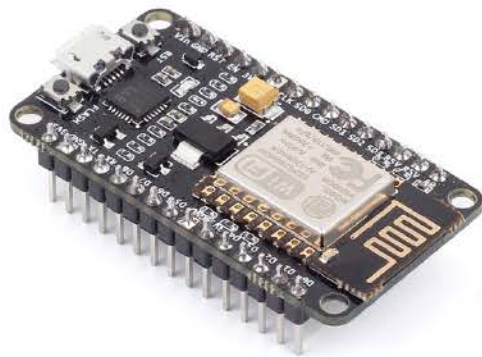
Adapting Pieces

Back Cover



HARDWARE PART

MICROCONTROLLER



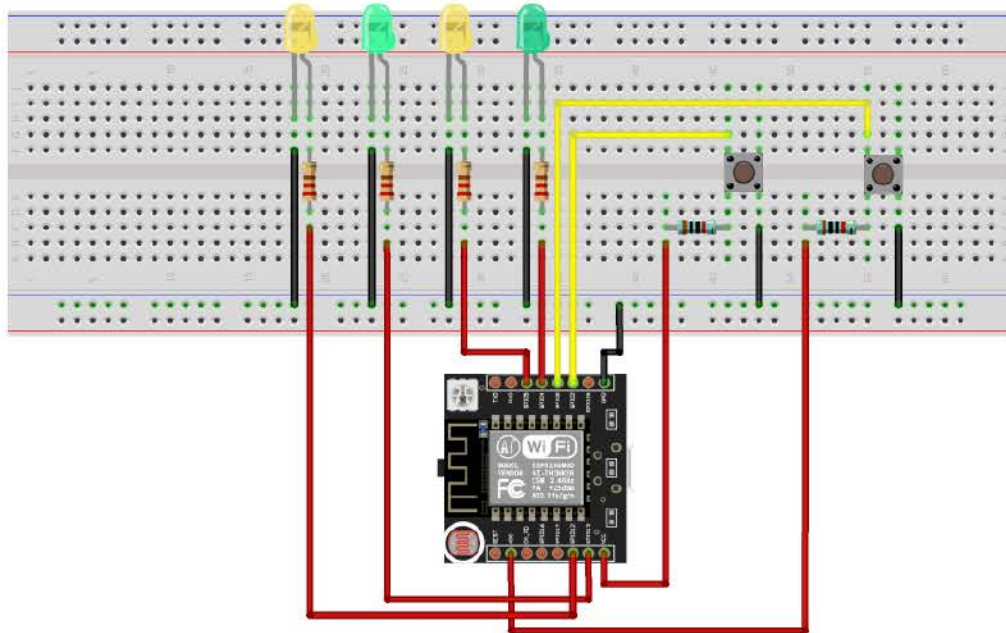
PROGRAMMING



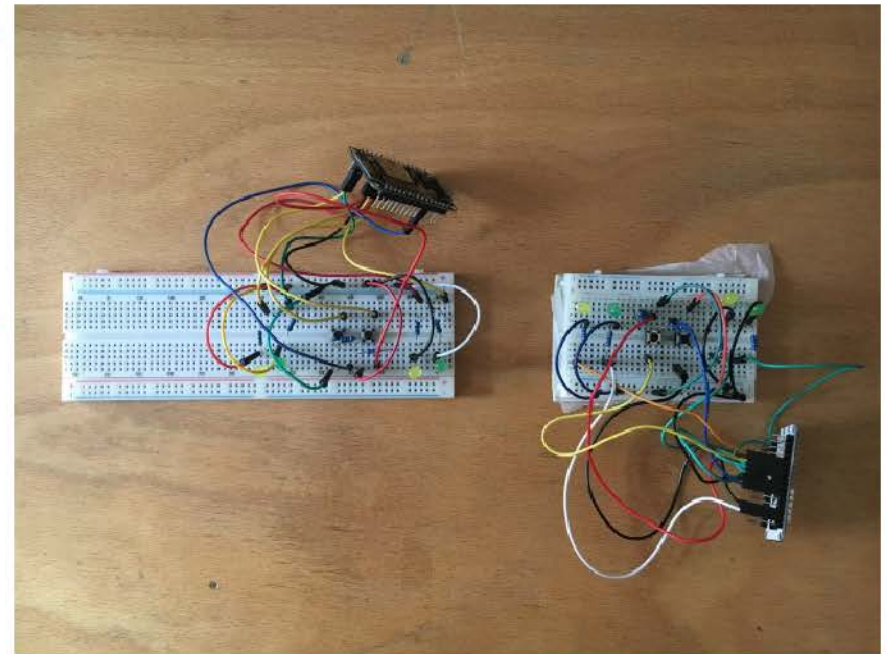
IoT PLATFORM



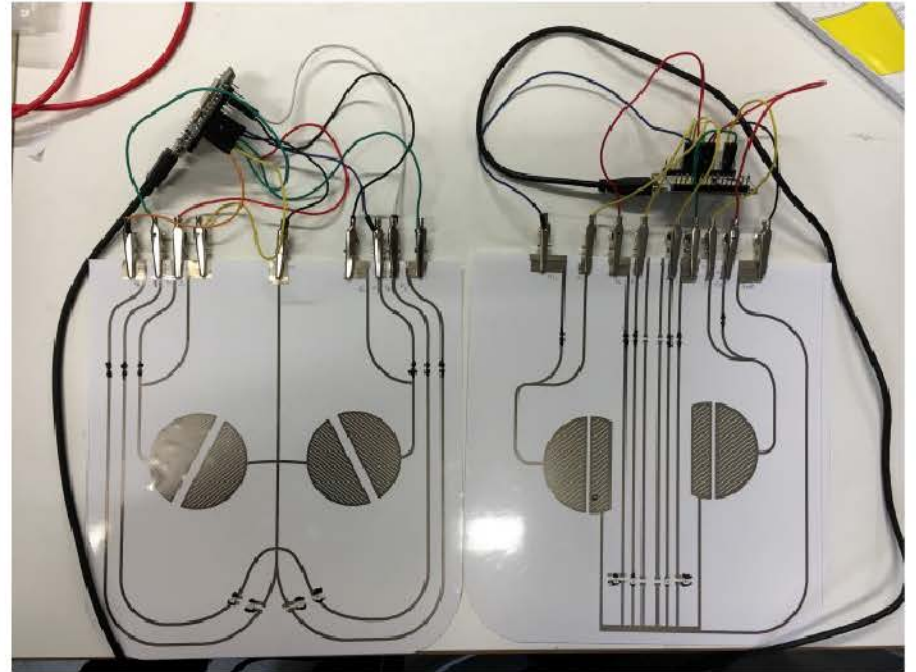
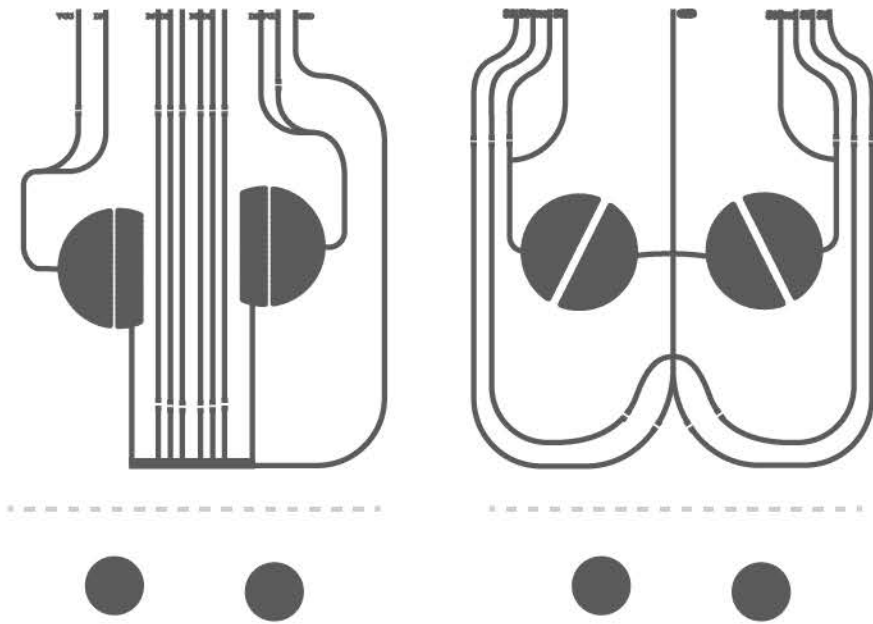
SCHEMATIC



fritzing



SCHEMATIC



SOFTWARE

MAIN FUNCTION



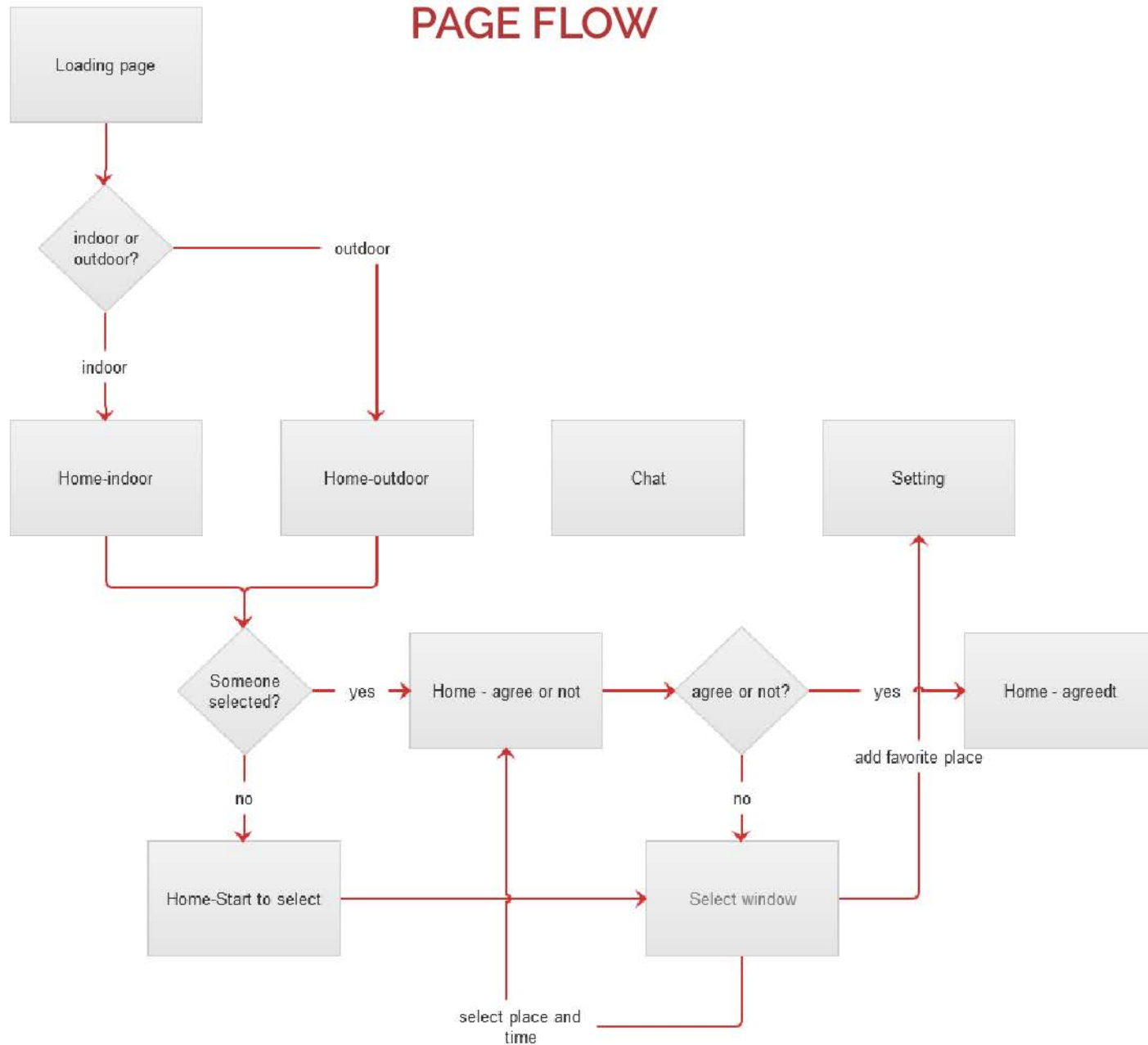
Choose
Place & Time
quickly

Preference
Settings

Brief
Discuss

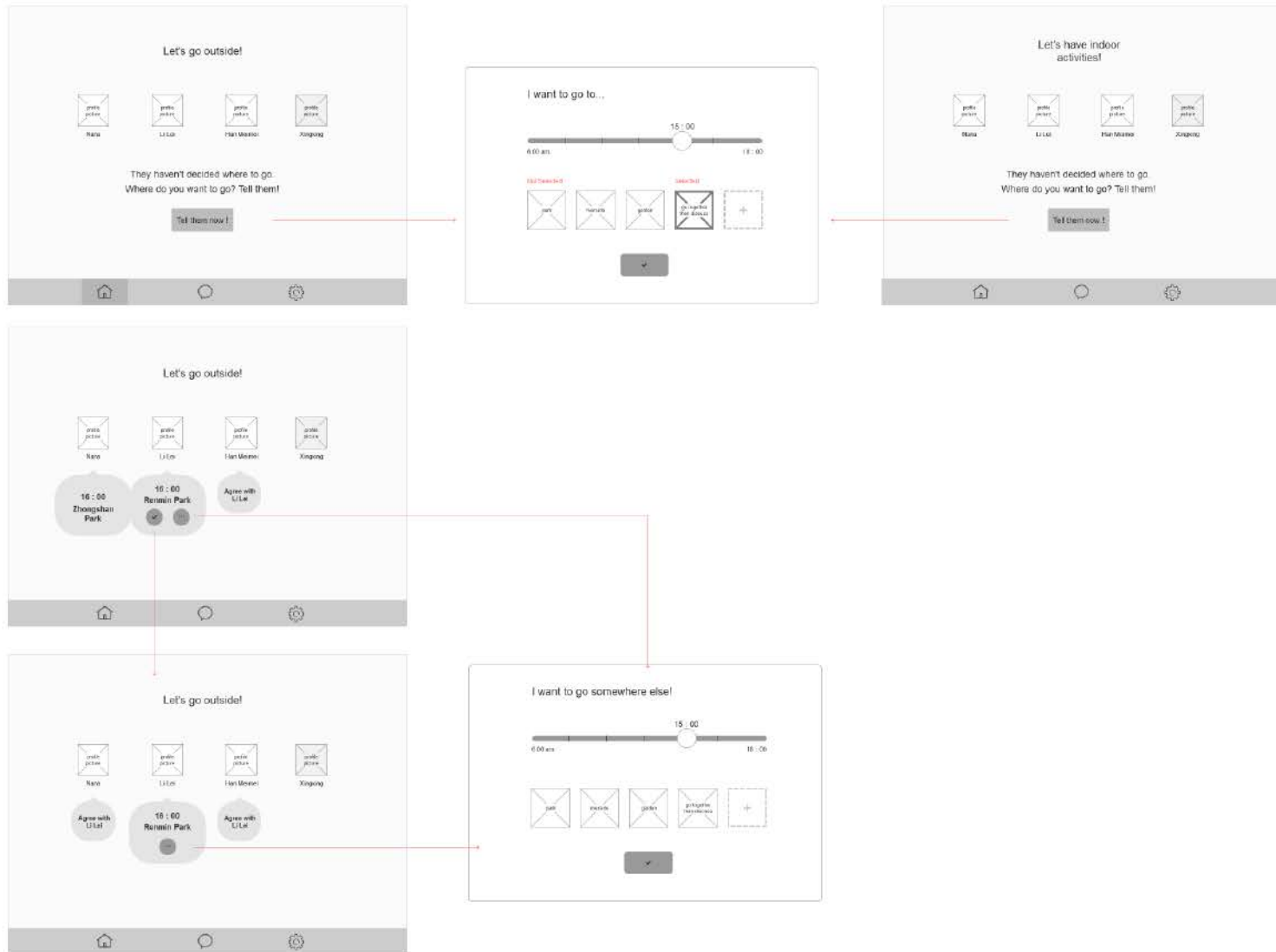
SOFTWARE -

PAGE FLOW



SOFTWARE

WIRE FRAME



IMPORTANT RULES OF UI DESIGN FOR ELDERS

- Generally avoid font sizes smaller than 16 pixels
- Buttons on touch interfaces should be at least 44 × 44 pixels on an iPad
- Avoid blue-Purple and Green-Yellow for important interface elements.

UI - INSPIRATION



UI - INSPIRATION

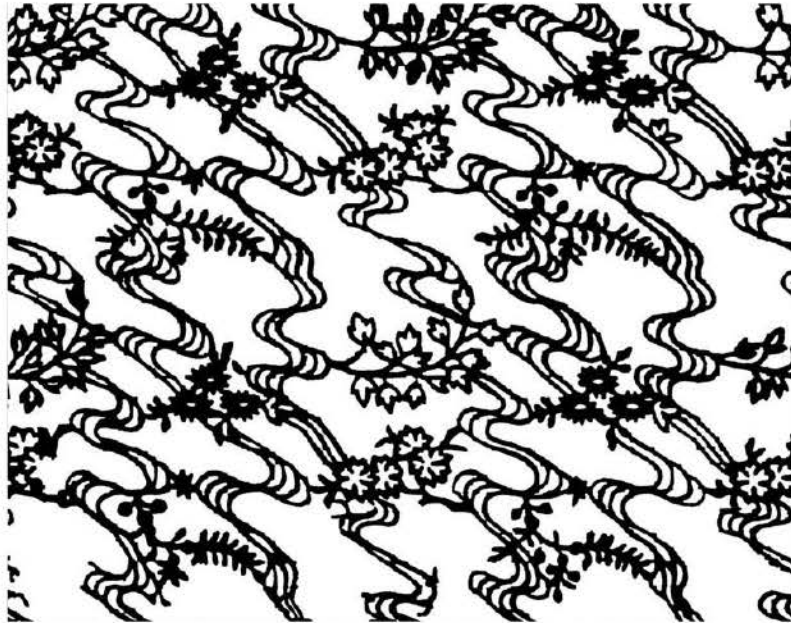


china



lacquerware

UI - INSPIRATION

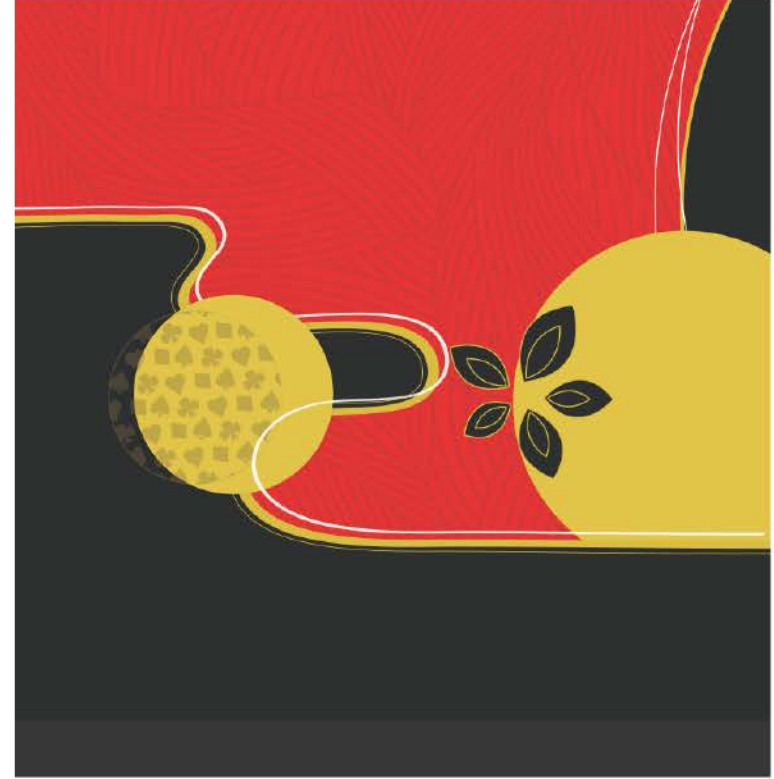
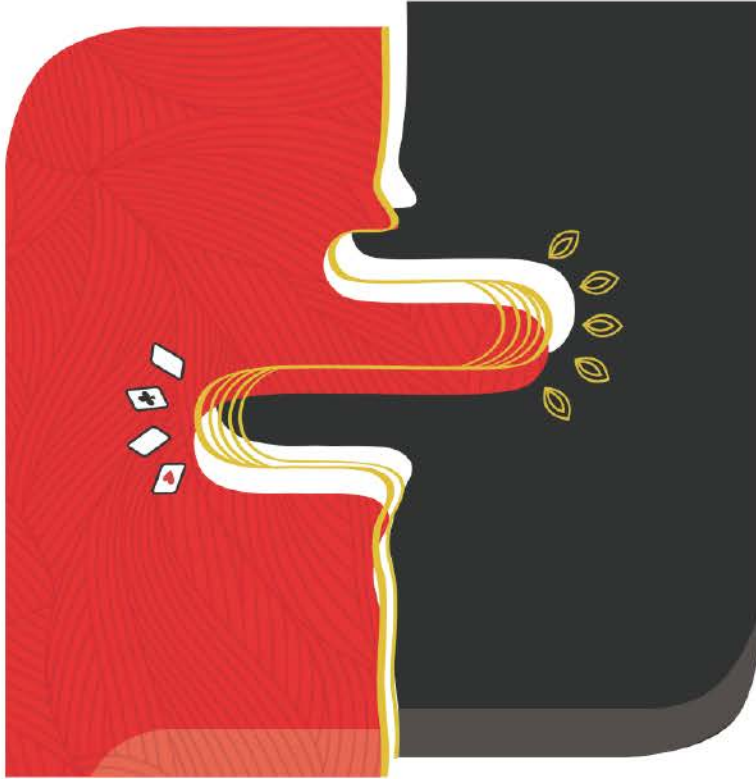


Chinese Traditional Pattern
Water and Cloud



Blooming Flowers and Full Moon
Families Gather Together

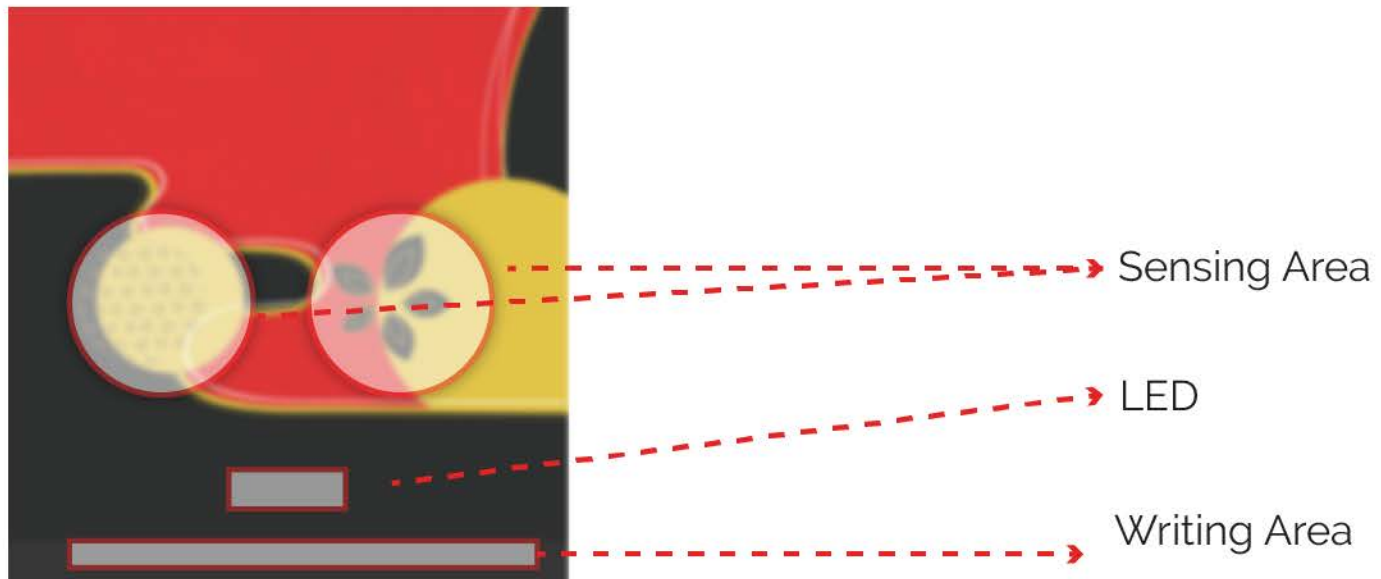
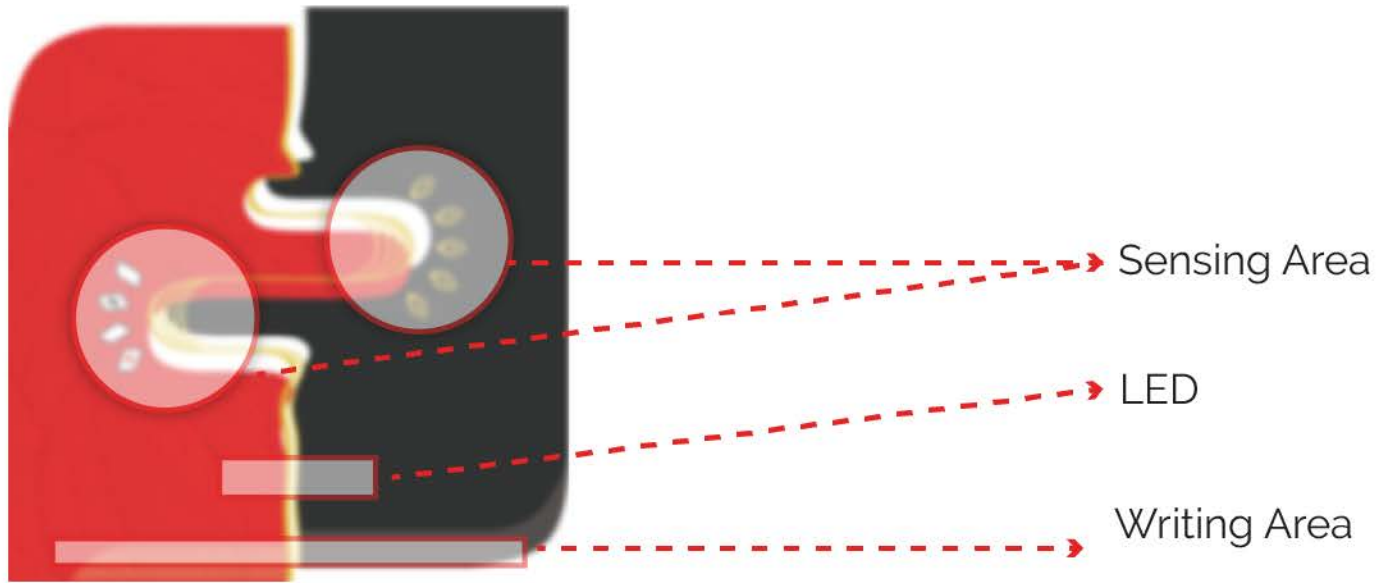
UI - TOP COVER PATTERNS



Leaves - Outdoor Activities

Pocker - Indoor Activities

UI - TOP COVER PATTERNS



INTERFACES

Device Settings

In order to find your friends
please enter the serial number on your device

Submit



Me

Friends



User 1

MODULE58742

Upload profile image

Change your name



Wang Dachui

Online



User 3

Online





Me



Li Xiaolong

MODULE58742

Update profile image

Change your name

Friends



Wang Dachui
Online



Yang Yuhuan
Online



Zhao Feiyan
Offline





Your friends haven't decided where to go.
Where do you want to go?

[Tell them now!](#)



Choose Time



15:30



Next Step

o go.



Choose Place



Chenghuang Temple



Renmin Square



East Nanjing Road

+ Add a new place

Submit



Add new Place



Please enter a place you want to go

Submit



o go.

Suggestion



3 People interested

Huangxing Park

16:00



1 Person interested

Jiangwan Stadium

15:30

Management



I changed my mind!

[Change my suggestion](#)

Suggestions



1 Person interested

Jiangwan Stadium

15:30

Interested



1 Person interested

Chongming Island

15:30

Interested

Management



Please choose from
your friends' suggestions,
or suggest a new place

Suggest a new place

Choose Time



15:30



Next Step



Choose Place



Chenghuang Temple



Renmin Square



East Nanjing Road

+ Add a new place

Submit



Add new Place



Please enter a place you want to go

Submit

Discussion



I found a new place!

Where is it?



Li Xiaolong changed his name to Li Dalong

1''



Hold to talk



Settings

Places you like

Chenghuang Temple ×

Long Museum ×

IIm Park ×

+ Add a new place

Font size

Small

Medium

Large

FUTURE WORK

Finish the Interactive Demo

Finish the Hardware

THANK YOU!