MobileWiTouch

2015.01.28

Content

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Part 01	Overall	5-25

[Revision history]

Version	Maintained by	Date	Page	Memorandum
V 1.0	Jane/Mandi	2014/12/23	All	Describe overall design / First draft
V 1.1	Jane/Mandi	2014/01/20	All	P.5-8 : Add follow ,Shrink and dodge functions P.11 : Edit Eraser P.12 : add shape functions P.15 : diagram P.16 : edit print screen P.17 : edit all board function and add open file P.18: two board switch
V 1.2	Jane/Mandi	2014/01/27	All	P.5 : Update function list. P.8 : Add screen board P.9 : Following rule updated P.10 : update setting items P.11 : Pen, color selection. P.13 : add shape functions. P.14 : Add paste function. P.18 : Add undo function. P.19 : Zoom in/out and hand. P.21-22 : Rule of saving. P.23 : Boards operation. P.24-25 : Dual board switch

Typographic convention

UI elements on screen of devices

SW button : Describe what action users take and what information system is processing

Focus : Red rectangular frame describe response of system in different status

: Indicators that describe the status of system

HW button : Describe function of hardware button on the speaker

: Describe response of tone on the speaker

Flow and logic elements

: Describe what information system is processing

: Describe response of system in different status

Users' action : Describe flow of interaction and what action users should take

Start point or End point : Describe where the flow starts and is finished

Overview

Board tool

- SB/WB
- Tools
- Setting
- Boards
- Shrink

Board switch

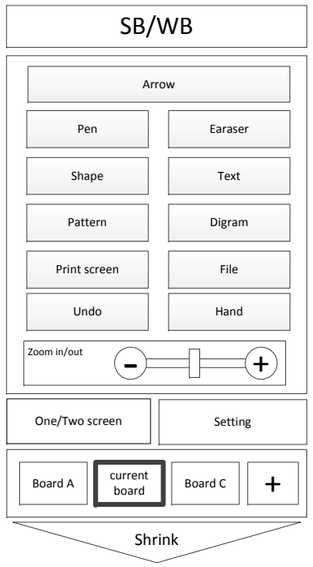
- Screen board
- White board

Setting

- One/Two divided Screen
- Function on/off switch
  - Hand writing
  - Board tool following
  - Board tool auto Dadge
- Language

Boards

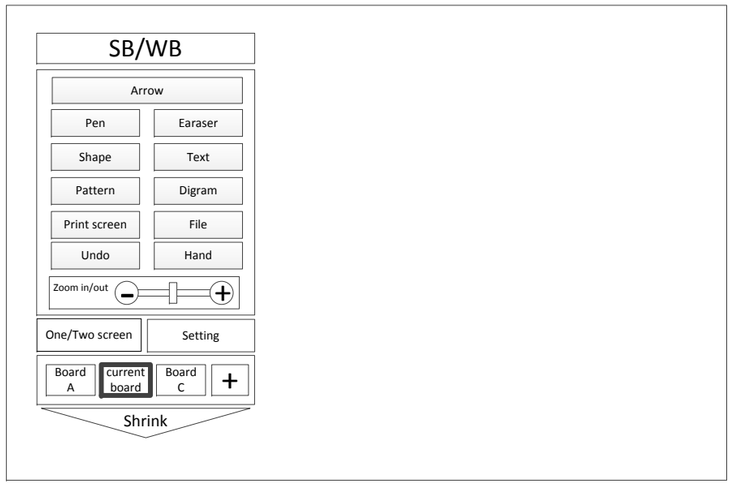
- Show all boards



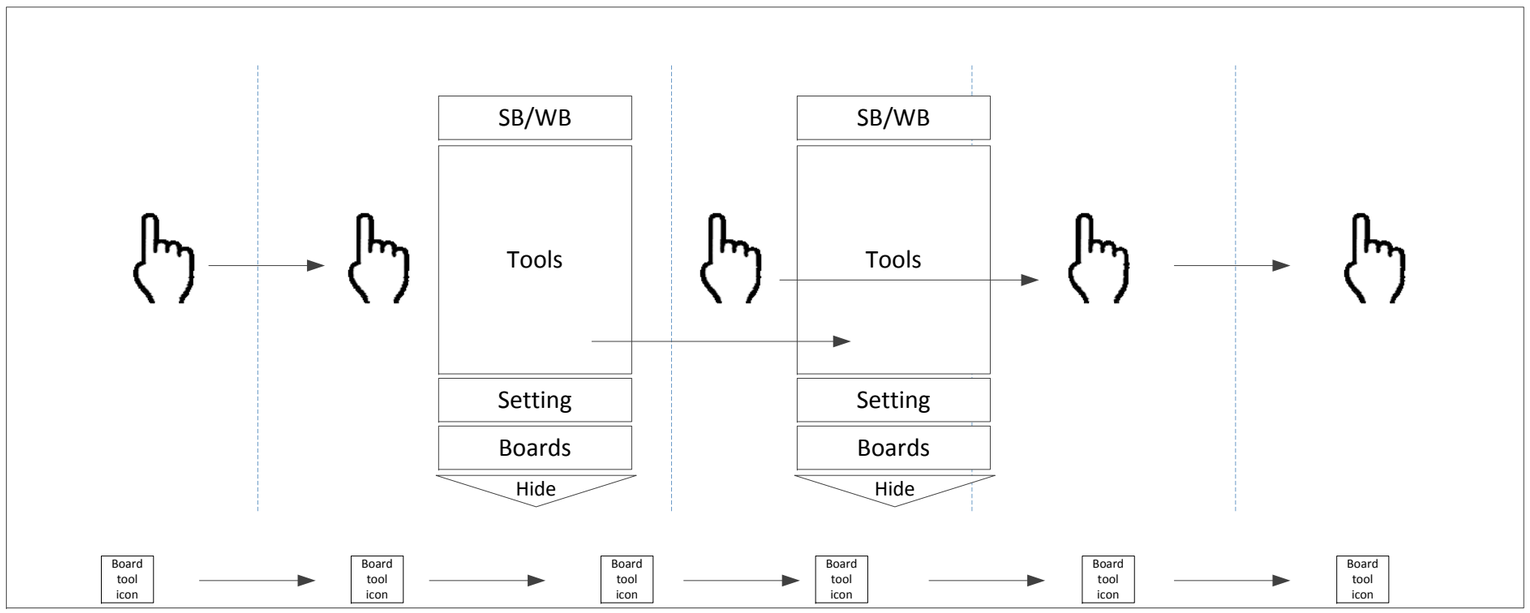
Tools

- Pen
  - Pencil
  - Highlighter
  - Brush
- Eraser
  - Shape eraser
  - Stroke eraser
- Arrow
- Shape
  - Line
  - Arrow
  - Rectangle
  - Triangle
  - Round
- Text
  - Text
  - Arrow
- Pattern
  - Insert
  - edit
  - Copy
  - Delete
- Diagram
  - Bar chart
  - Pie Chart
  - Line Chart
  - Scatter plot
- Print screen
  - User’ s define (free shape)
  - Full screen
- File
  - New
  - Open
  - Save
  - Save as
  - Close
- Hand
- Zoom in/out
  - Zoom in
  - Zoom out

One side mode



Follow mode (*2)



The detail of follow is described in page 8

Remark

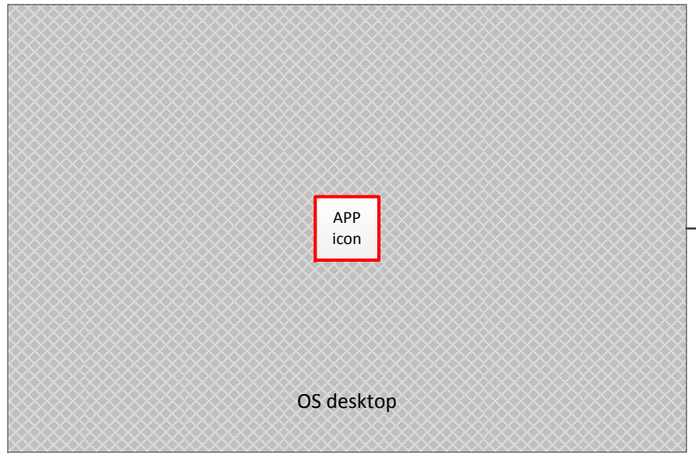
*1 : the x-position should be referred to the board tool. Board tool will show up at the up-side where user touch the calling bar

*2 :
One side mode: width of display under 65.5".
Follow(Two side)mode: width of display longer than 65.5".

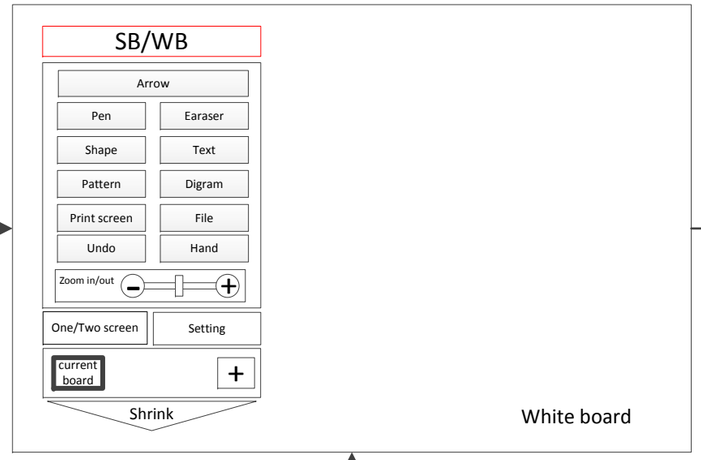
系統自動輩分儲存已繪製的筆觸

Start

Start the APP



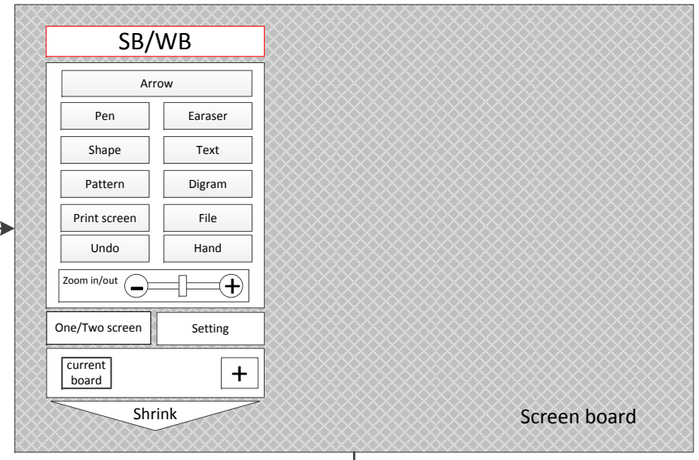
Default is white board mode, open one board



SB/WB

Switch to screen board

Screen board mode



Switch to white board

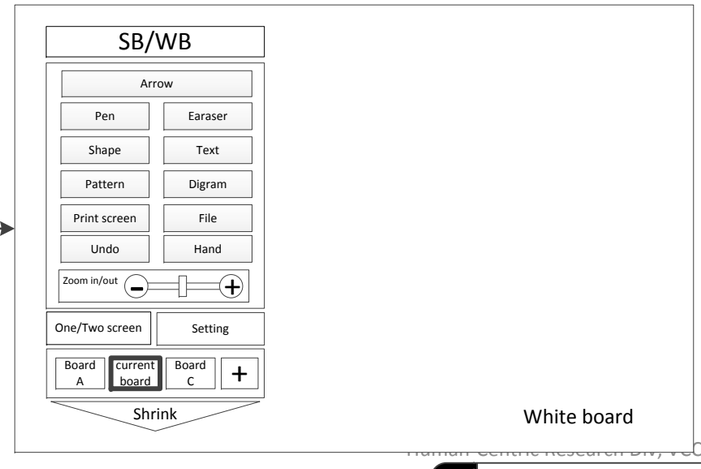
SB/WB

Shrink

Shrink the board tool

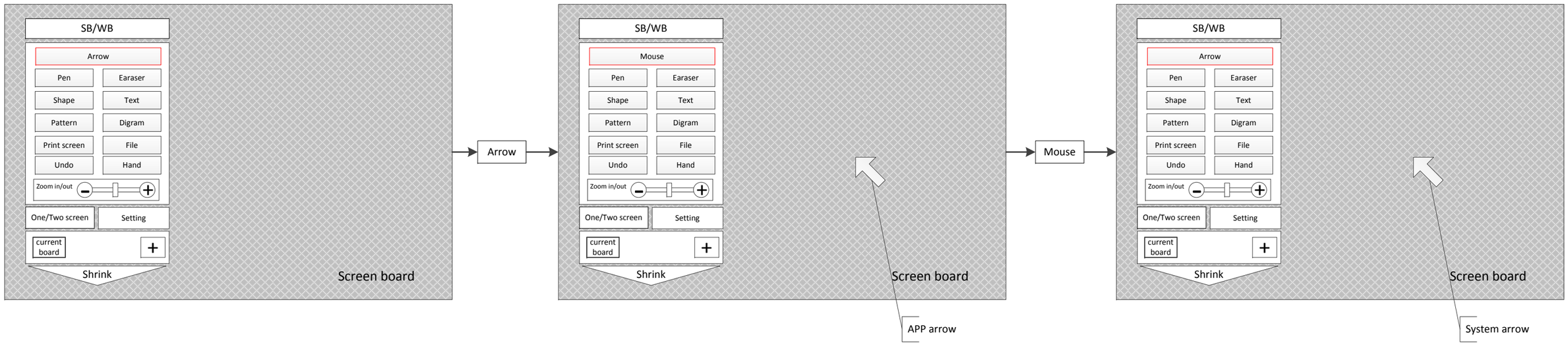
icon超過此中線時，board tool展開後，則會視區塊於左右兩邊的比例，選擇比例較高的位置呈現。

Call the board tool



7	Flow chart	
	Jane/Mandi	2015/1/28

Screen Board



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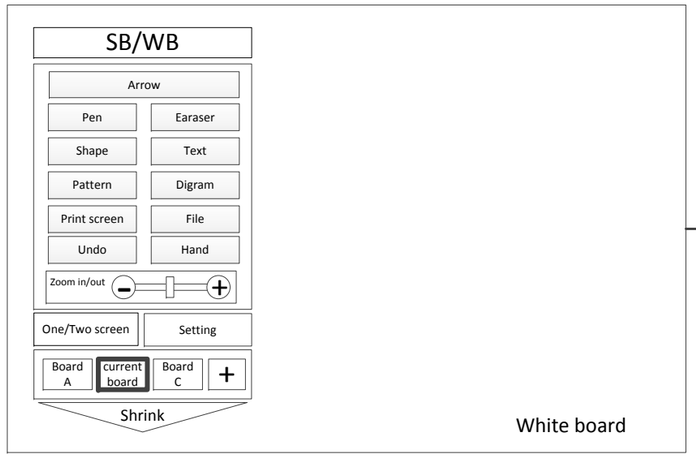
8	Flow chart	
	Jane/Mandi	2015/1/28

Following rule

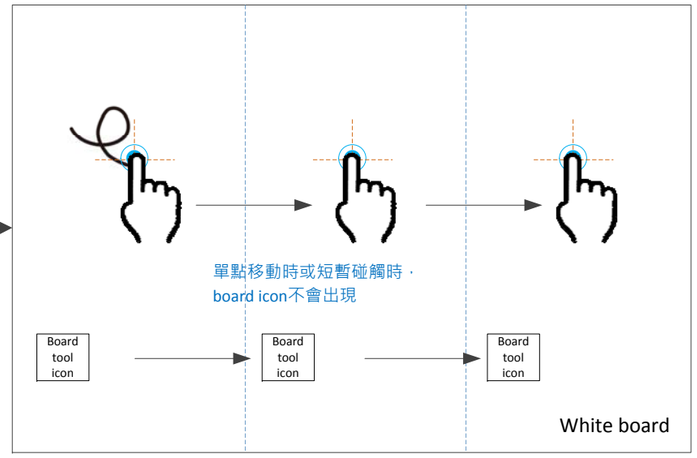
Default : follow mode on



Shrink

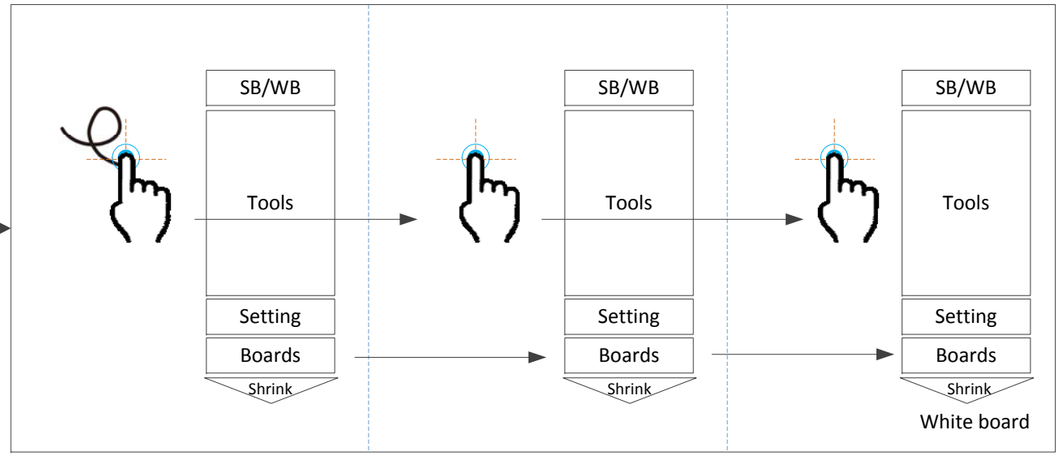
Follow user (when Shrink)

Width of following area (*1)



Follow user

Width of following area (*1)

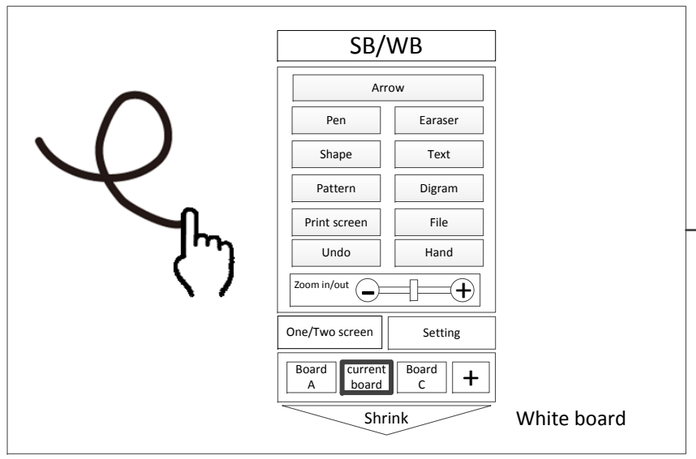


Remark

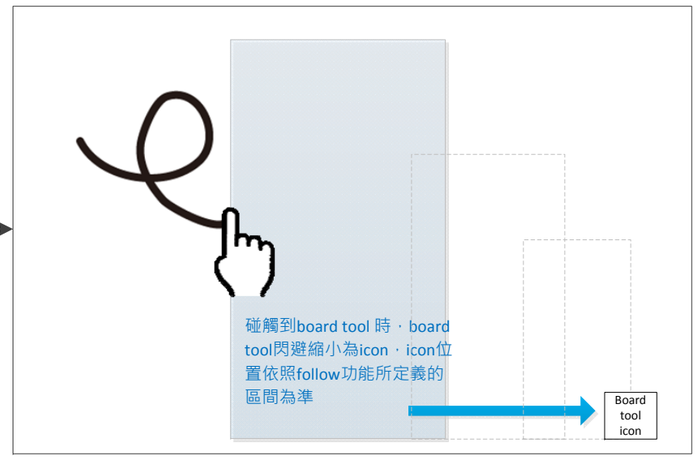
*1 : the width of following area is 26.5"
(based on 50 percentile woman)
視點選處於線的左或右而展開board tool。
若點選處於中線上，則board tool一律顯示於右邊。

- Follow僅維持x軸座標移動
- Shrink icon 的 y position 依使用者前一動作而定，與客製動作

Default :Dadge mode on



Dadge



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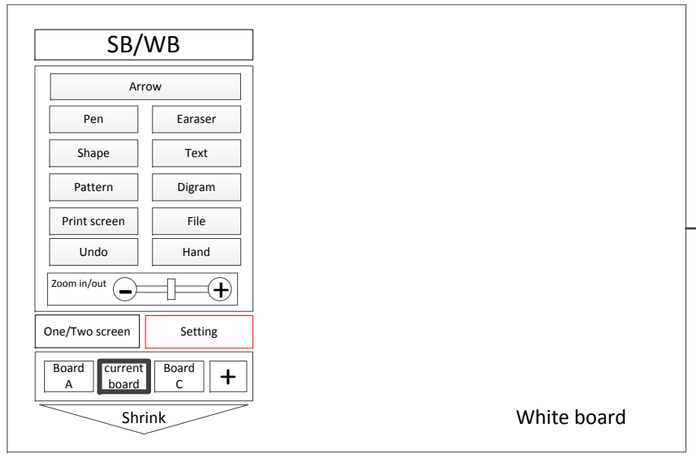
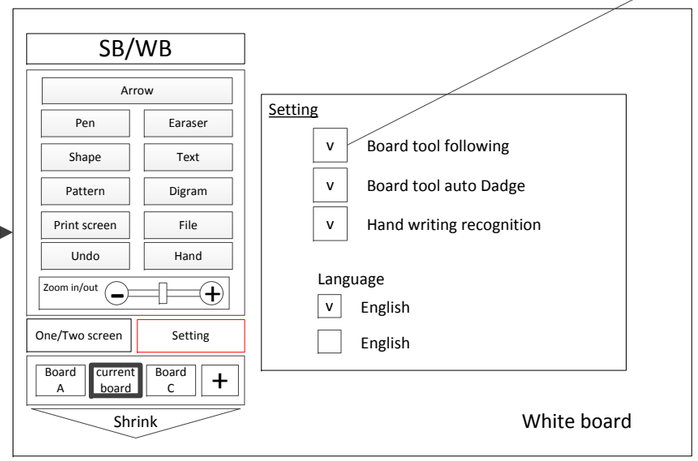
9	Flow chart	
	Jane/Mandi	2015/1/28

Setting



Setting



Remark

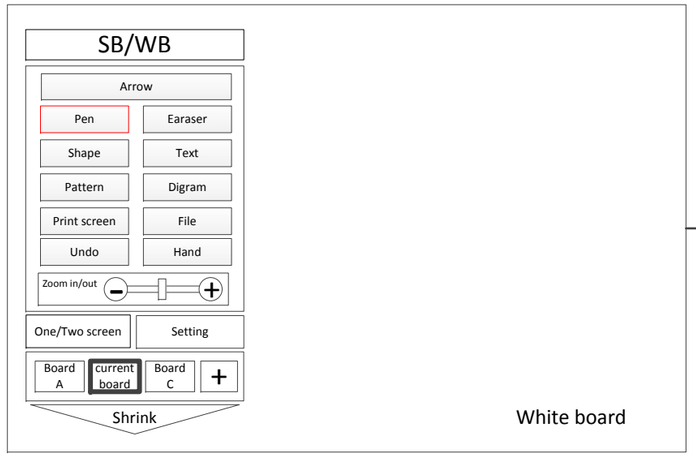
Setting:
(1)Hand writing recognition : system can recognize the letter when user use the pen to write.
User can switch on/off the service in setting.
(2)language setting
User can select the app’ s language, the wording will change after user click the item.

Check the language item

APP language change

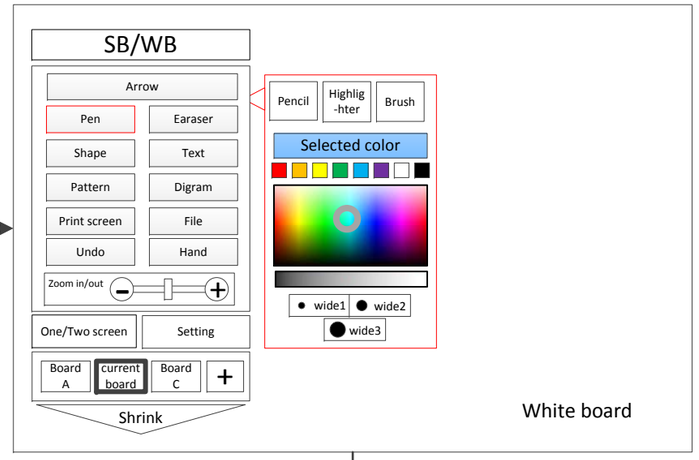
Pen

One screen mode

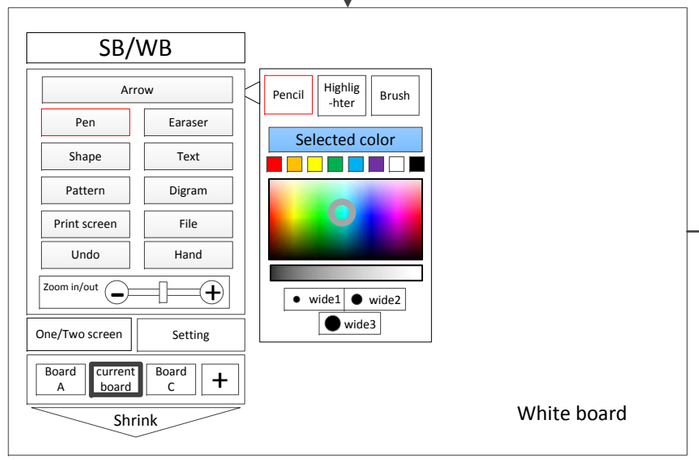


Pen

Show extend tools

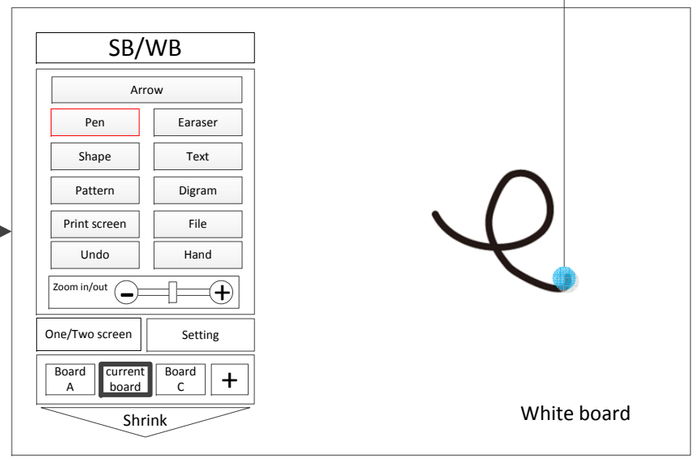


Choose pencil

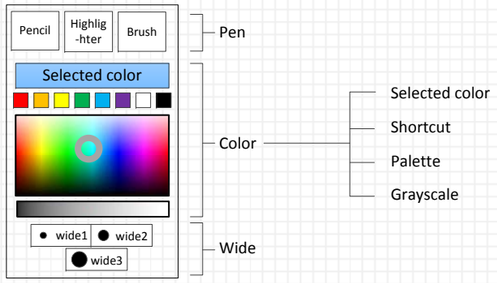


Drawing

Pen 細選單收起



Remark



Pen

(1)pencil: opacity:100%

(2)highlighter: opacity:40%

(3)brush: opacity:100%

Color

Selected color

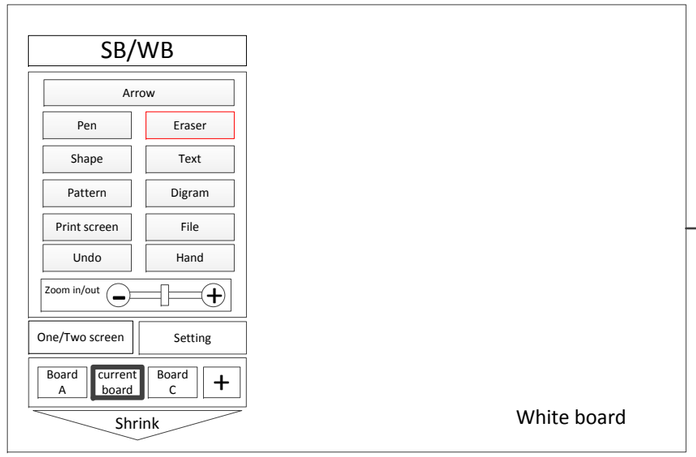
- Show the selected color
- Shortcut for color selection
- Full color selection
- Grayscale selection

Wide

wide1
wide2
wide3

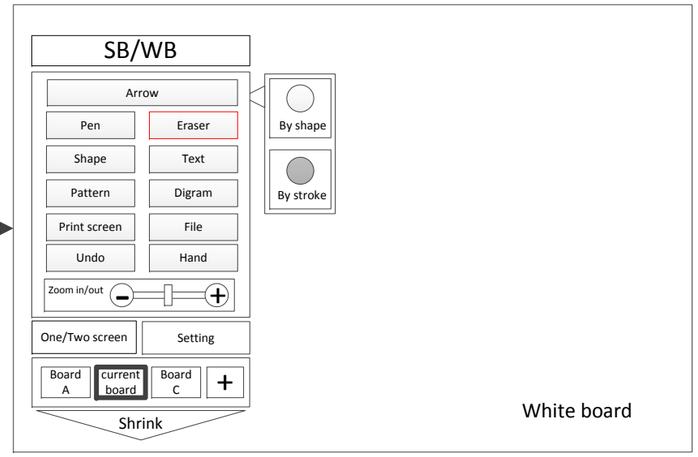
The wide of pixel definition relate on the resolution of system.

One screen mode



Eraser

Show extend tools

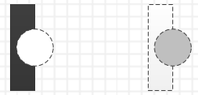


Remark

Earaser:

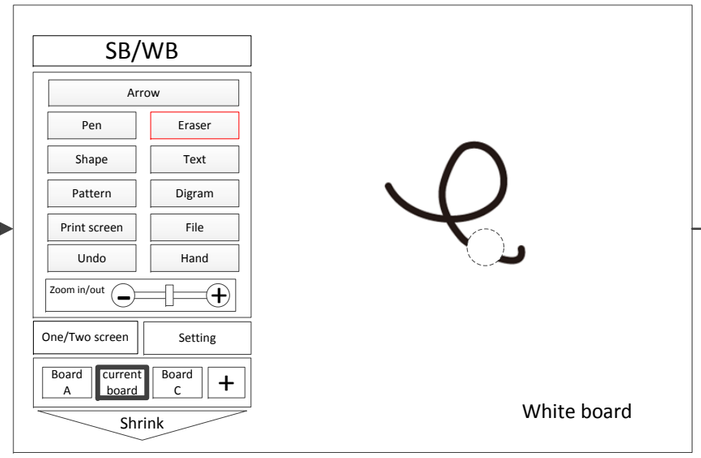
(1)Shape:

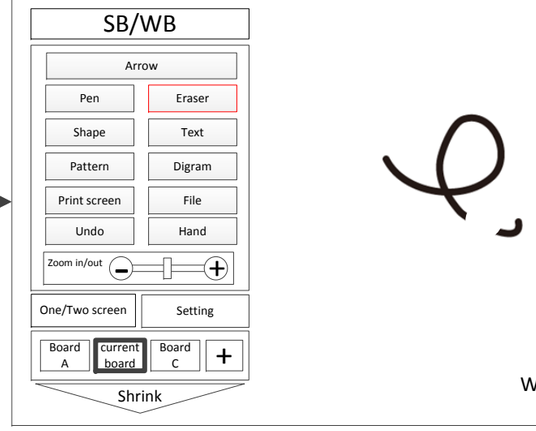
(2)stroke:

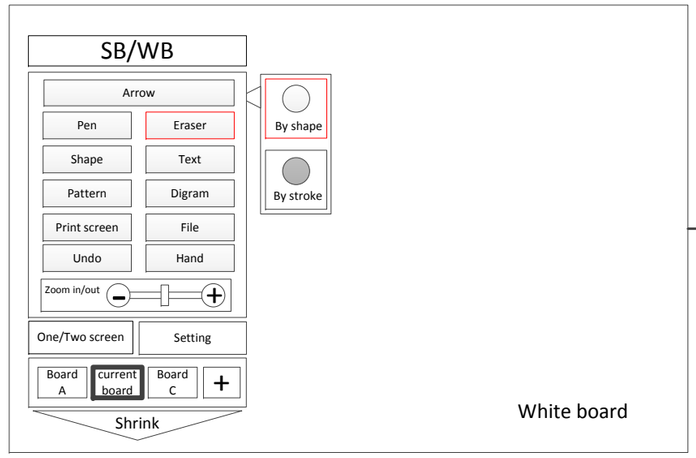


細選單收起

Shape

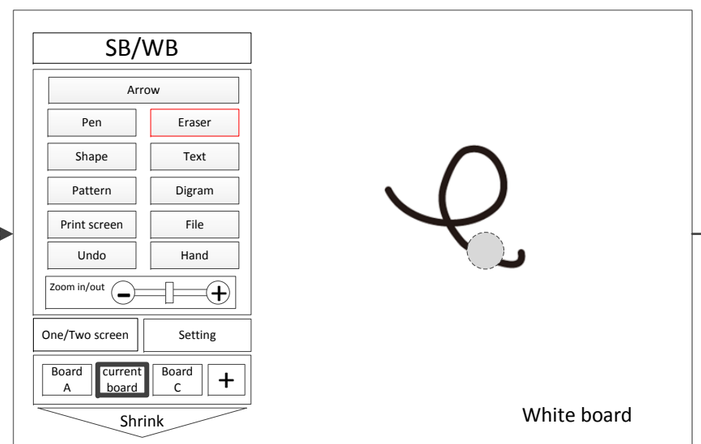


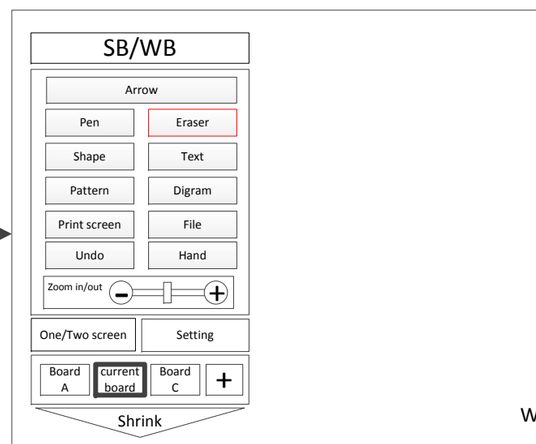




超過一分鐘沒有動作，自動
切換回箭頭指標

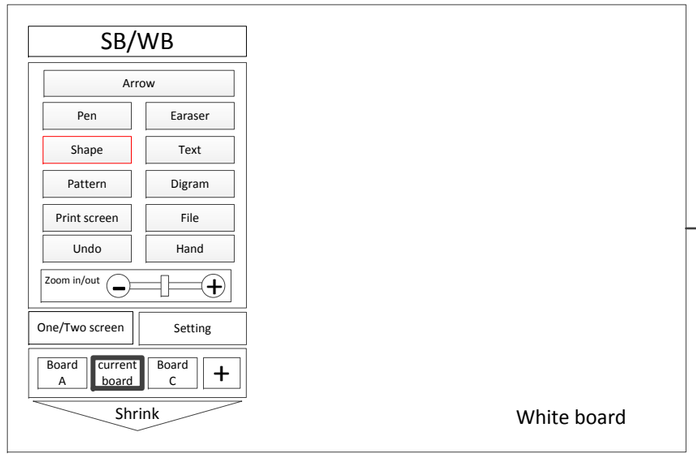
Shape





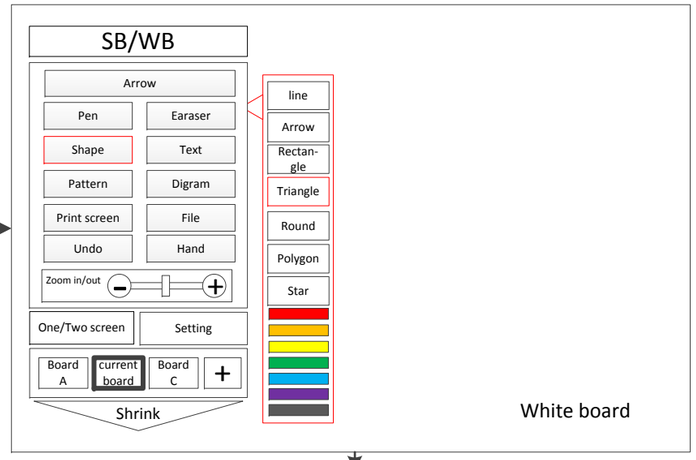
Shape

One screen mode



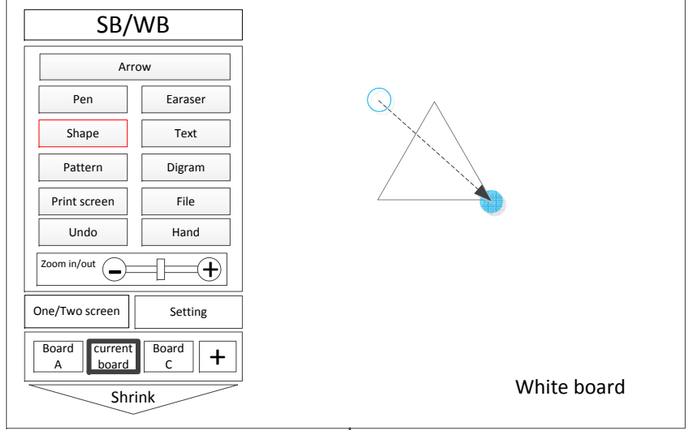
Shape

Show extend tools

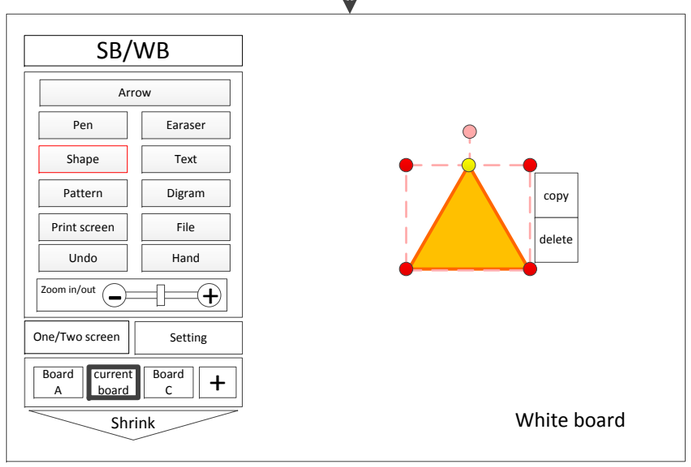


triangle

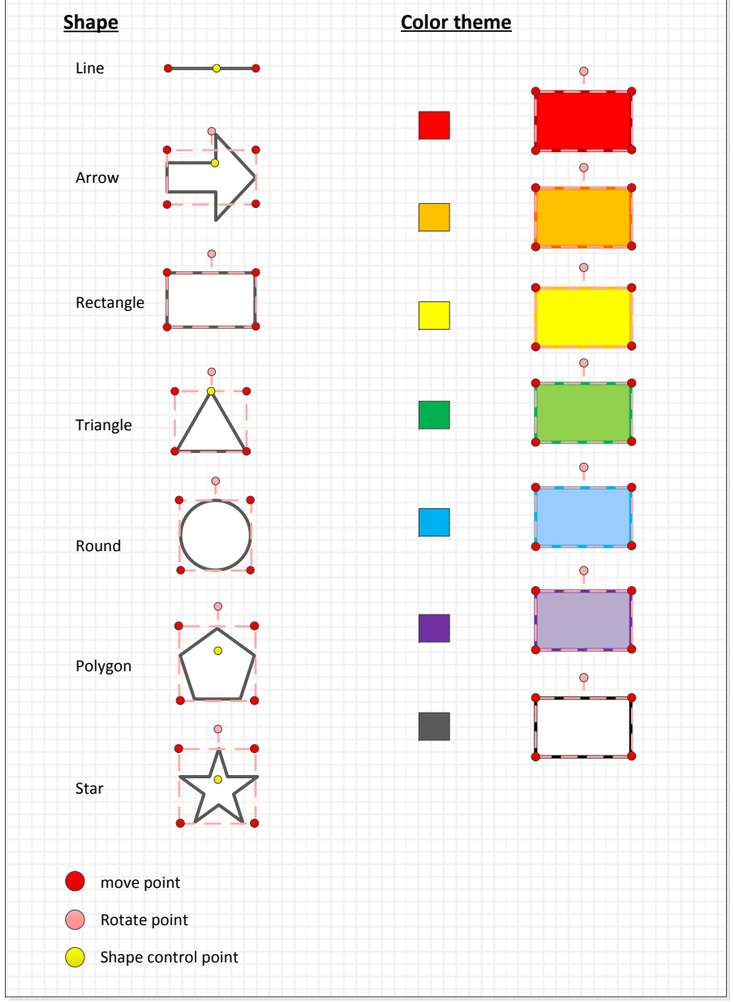
細選單收起



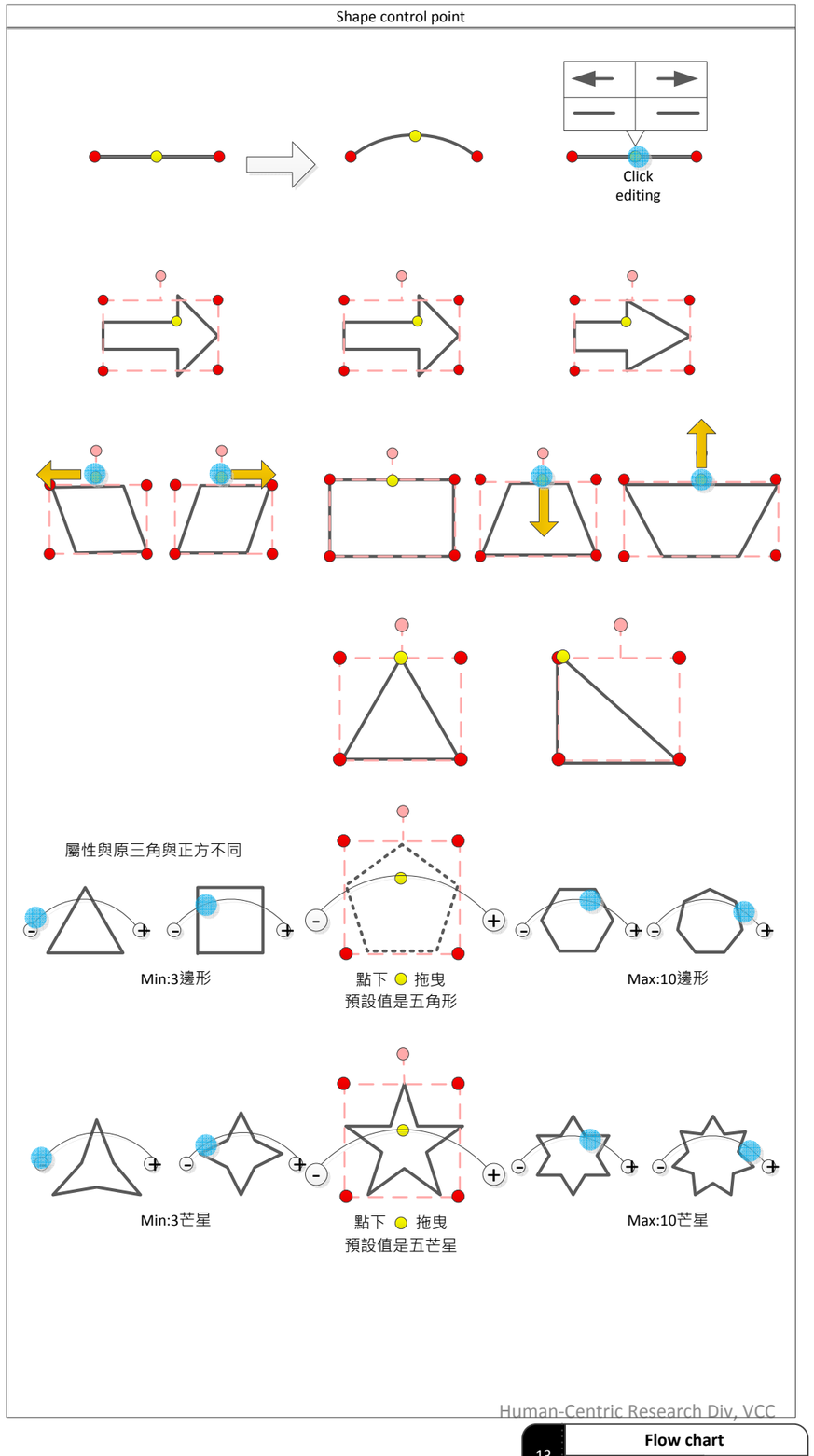
Drawing



Remark



Shape control point



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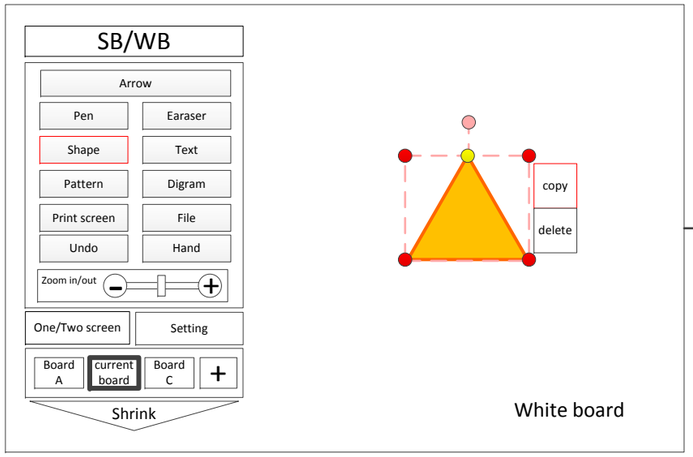
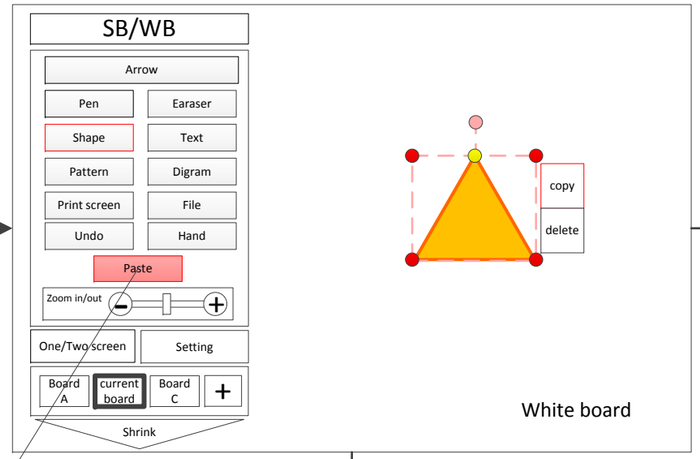
13	Flow chart	
	Jane/Mandi	2015/1/28

Shape

Shape pasting

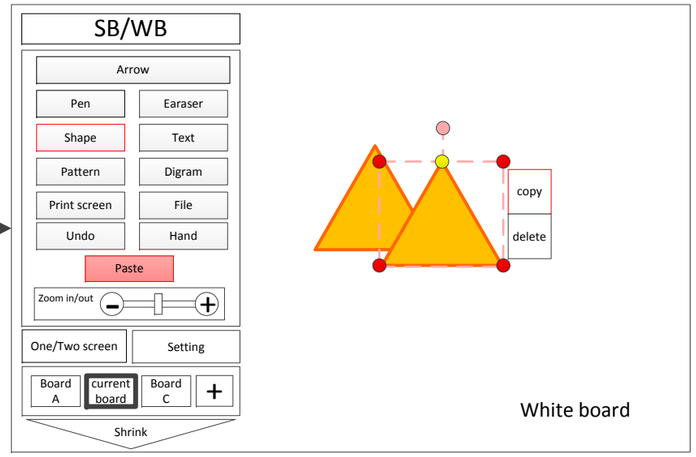


copy



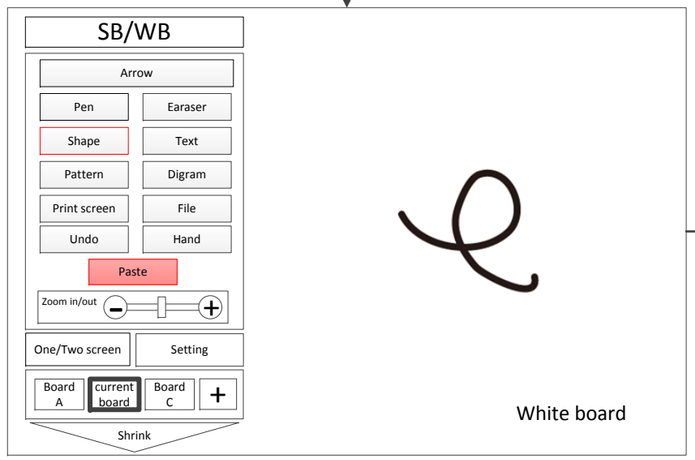
Paste

paste至working區域中心



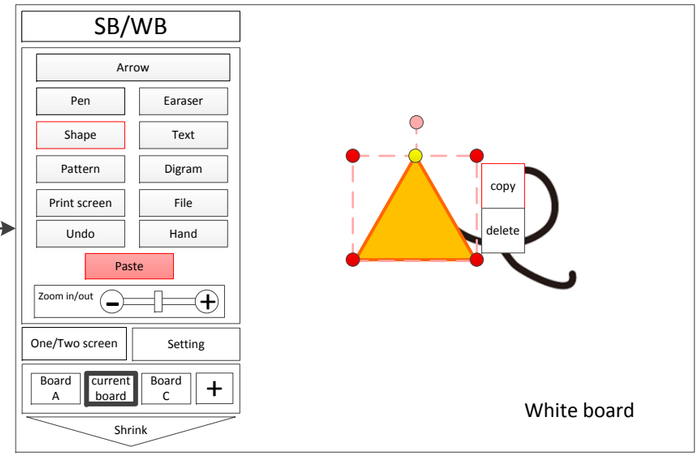
只有在copy動作後呈現

Switch the board



Paste

paste至working區域中心



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14	Flow chart	
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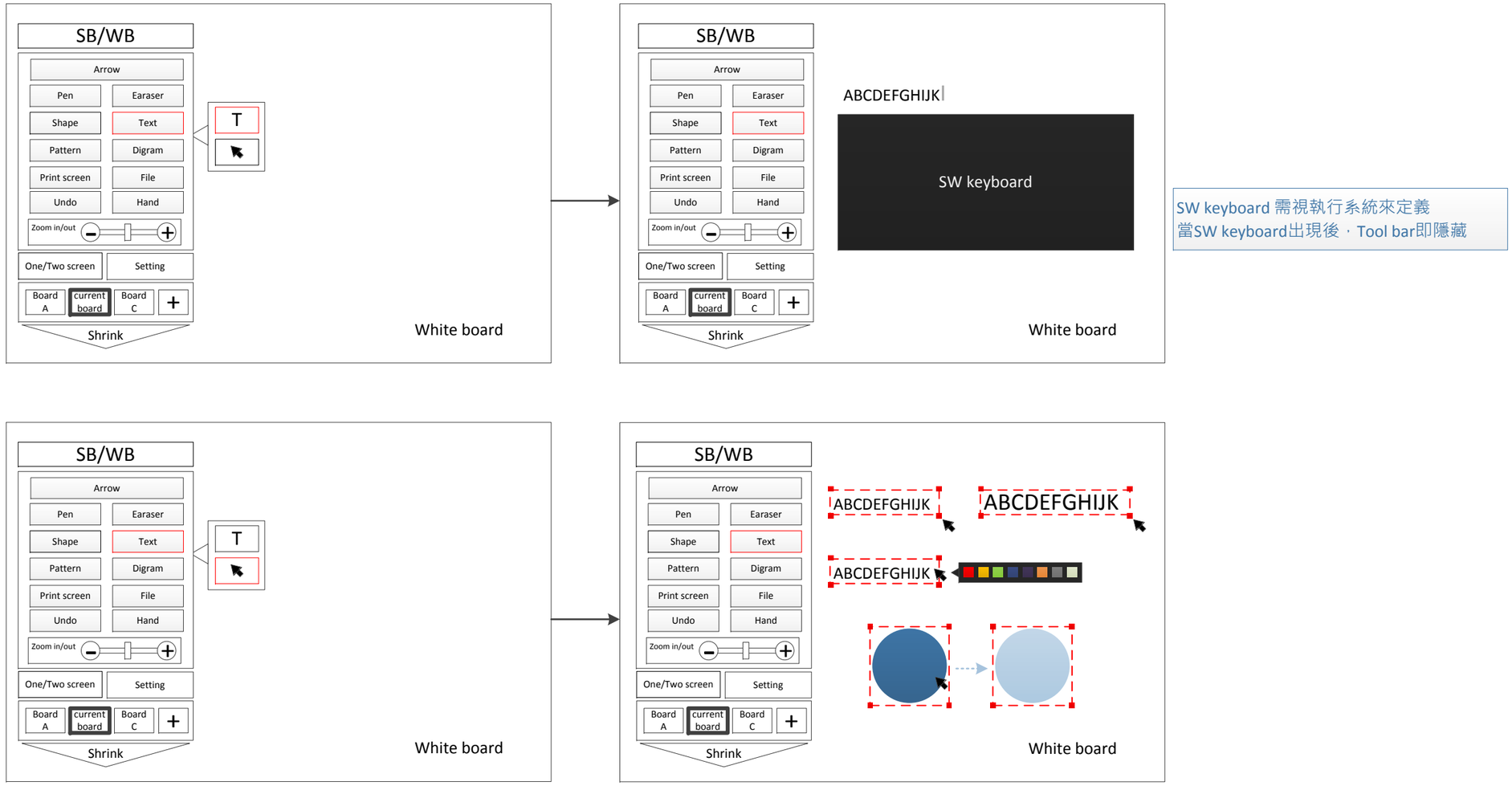

SW keyboard 需視執行系統來定義
當SW keyboard出現後，Tool bar即隱藏

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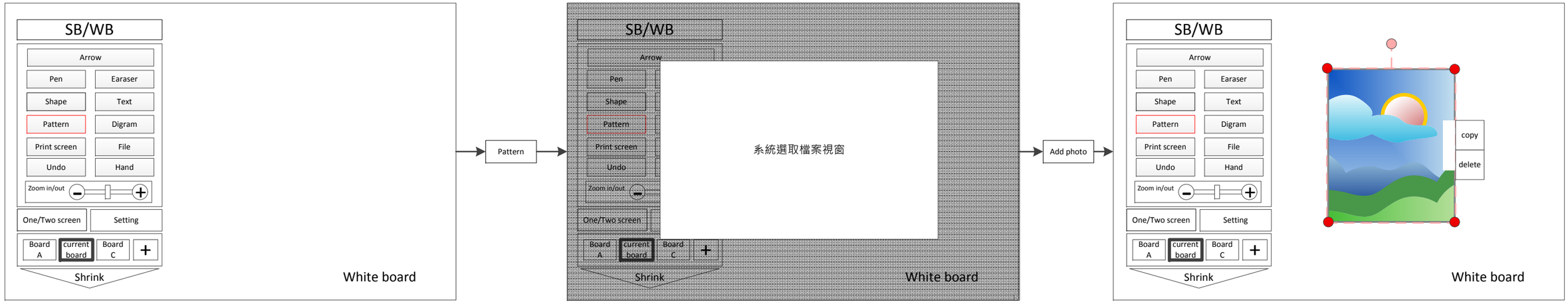
15	Flow chart	
	Jane/Mandi	2015/1/28

Pattern

One screen mode



嵌入圖片為固定尺寸，尺寸在定義

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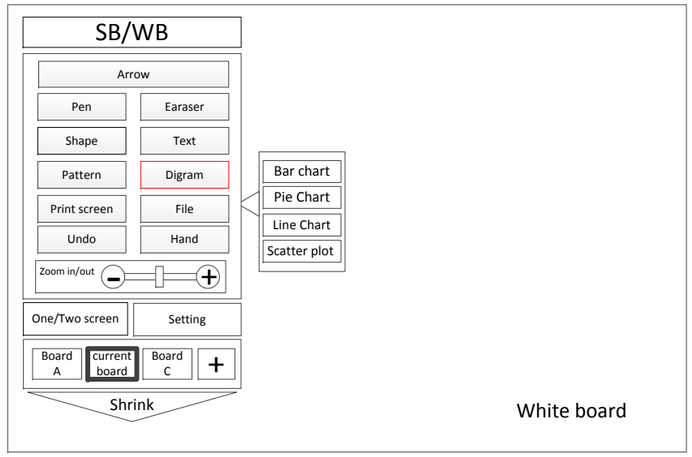
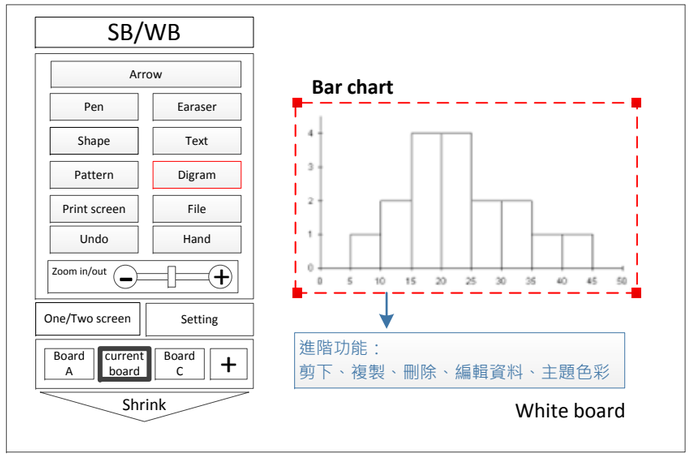
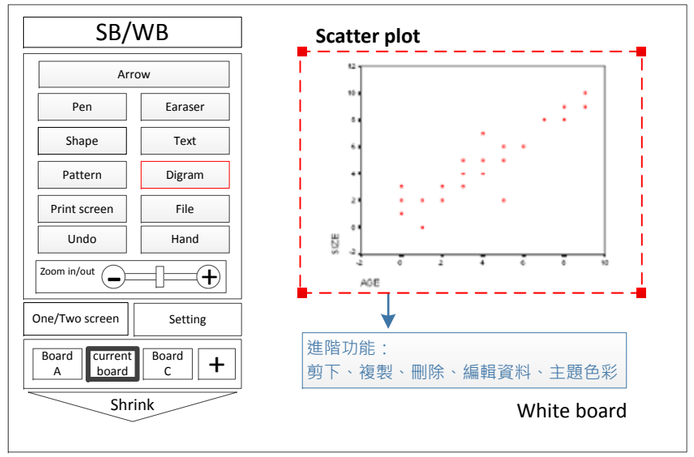
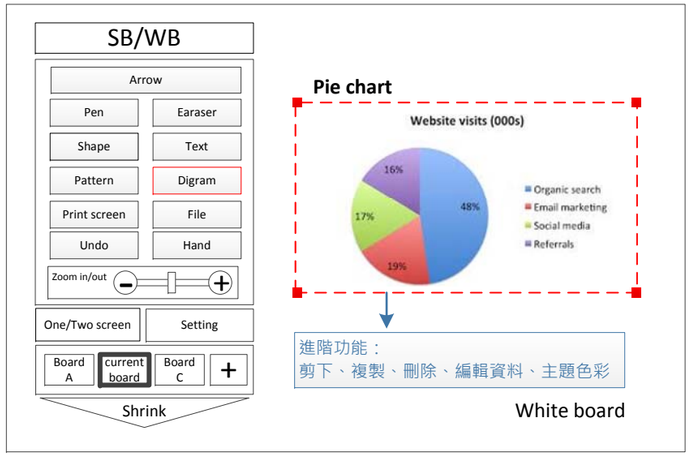
16	Flow chart	
	Jane/Mandi	2015/1/28

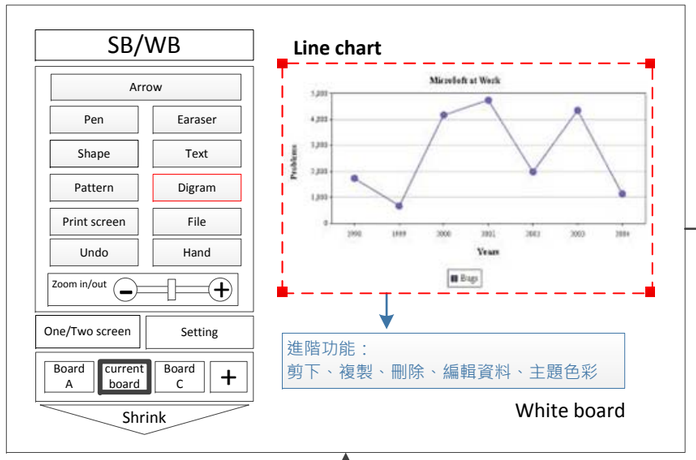
Diagram



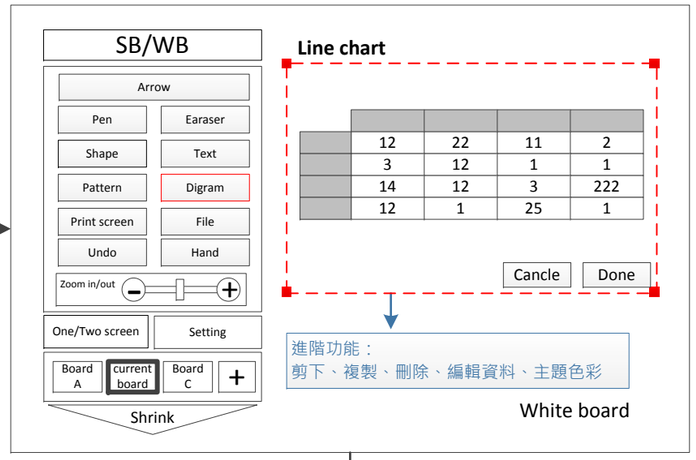








Edit data



Done/Cancle

Update data

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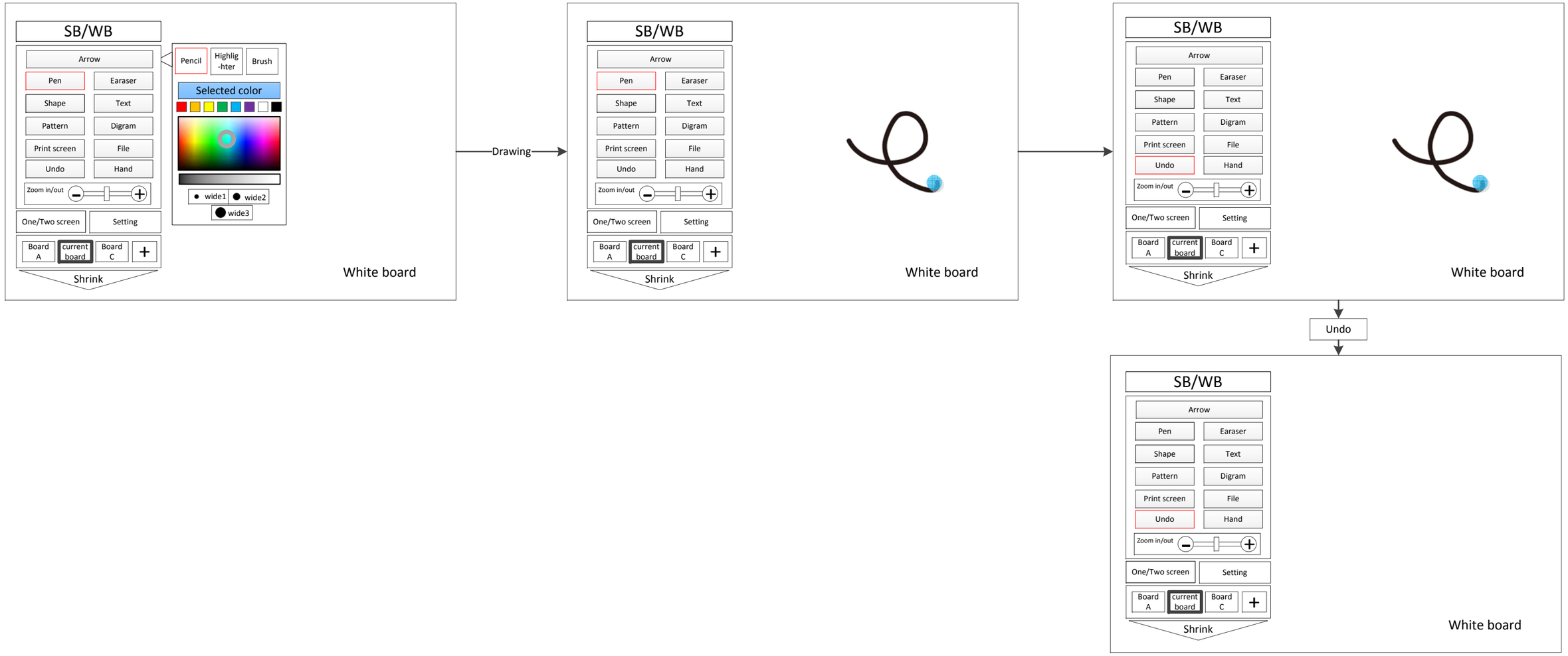
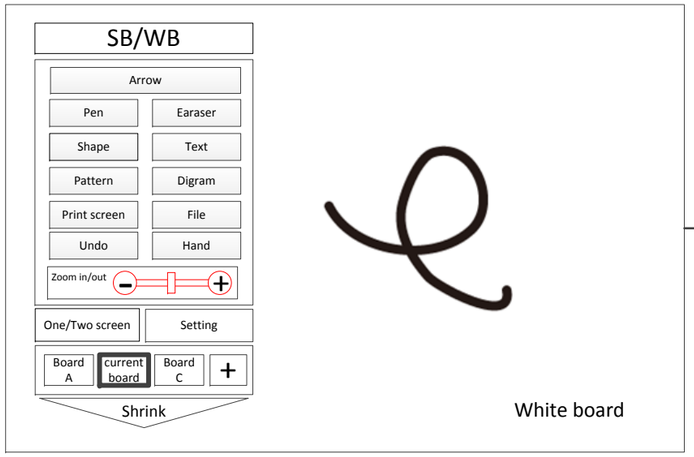
17	Flow chart	
	Jane/Mandi	2015/1/28

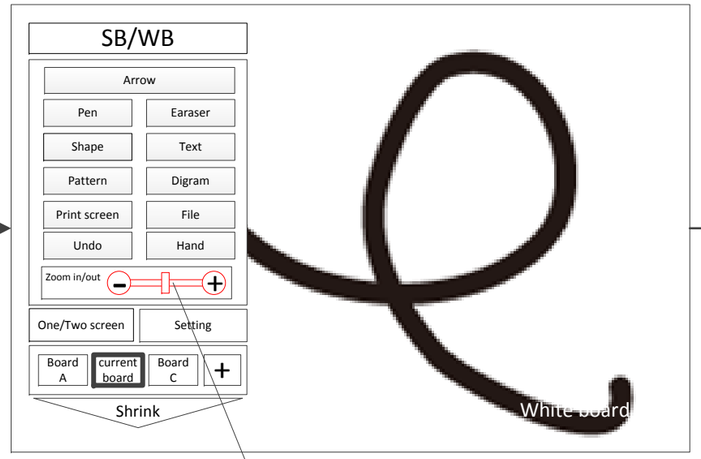
Undo


SB/WB
Arrow
Pen
Earaser
Shape
Text
Pattern
Digram
Print screen
File
Undo
Hand
Zoom in/out
One/Two screen
Setting
Board A
current board
Board C
Shrink
Pencil
Highlig -hter
Brush
Selected color
wide1
wide2
wide3
White board
Drawing
Undo

Zoom in/out

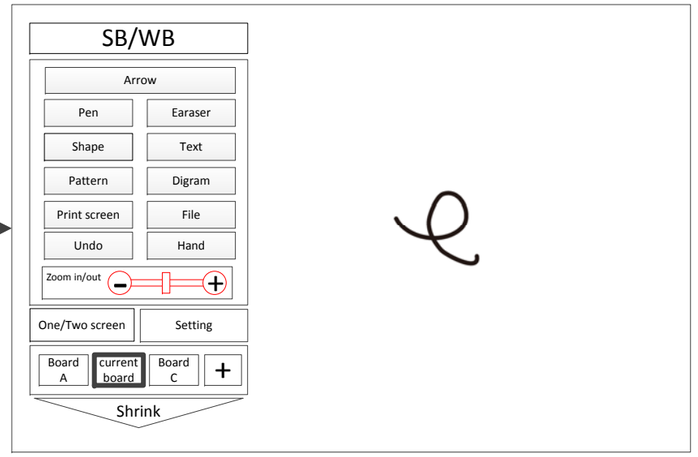


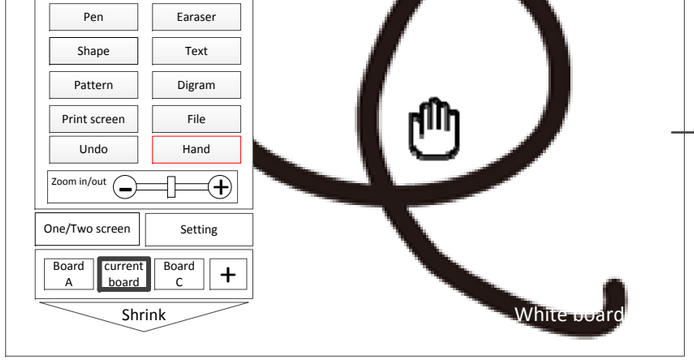
Zoom in



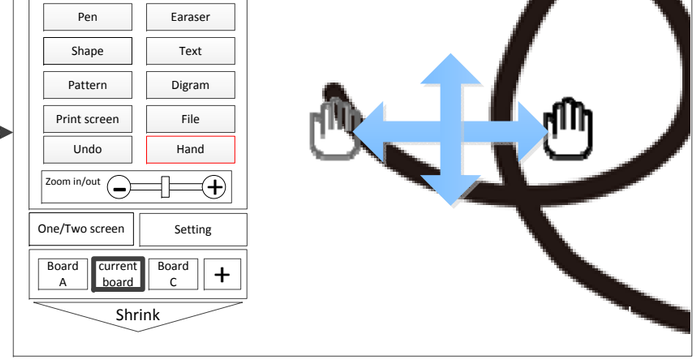
After zoom in/out the board. 自動切換至手型工具

Zoom out





grab



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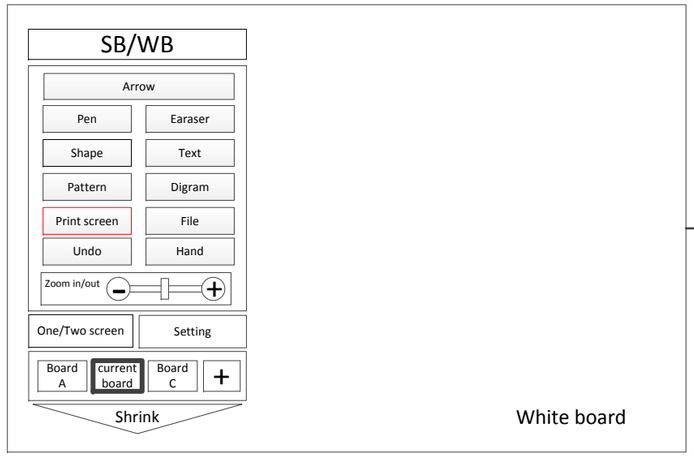
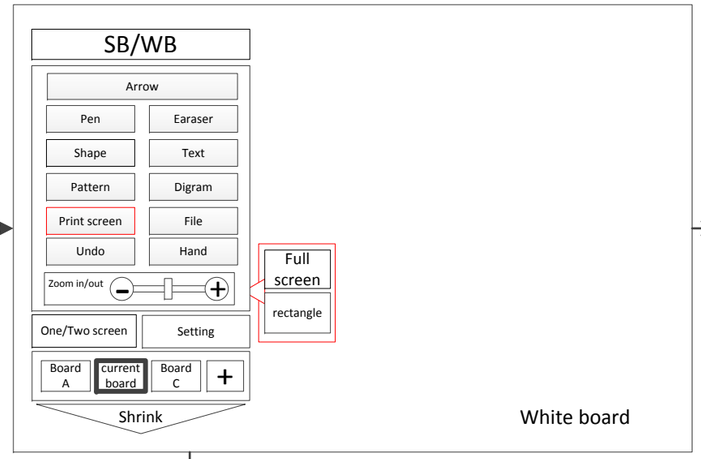
19	Flow chart	
	Jane/Mandi	2015/1/28

Print screen

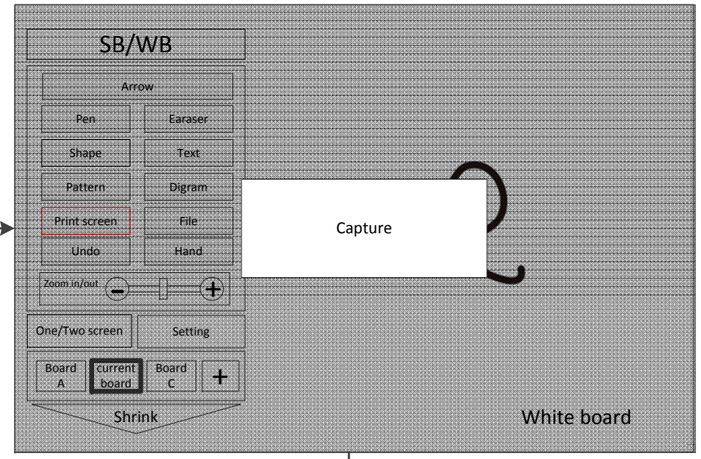
One screen mode



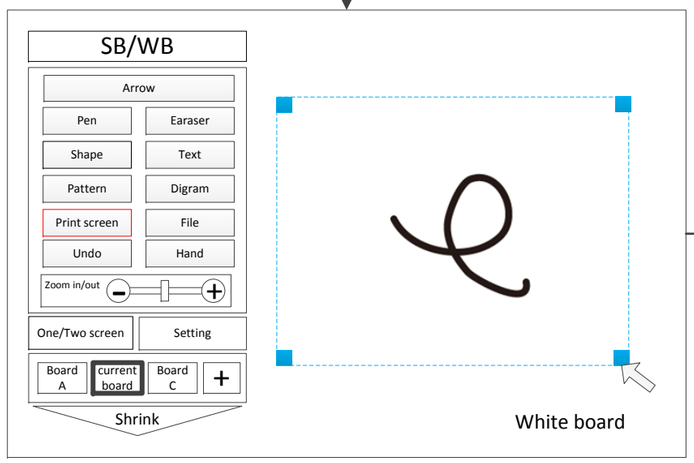
Print screen



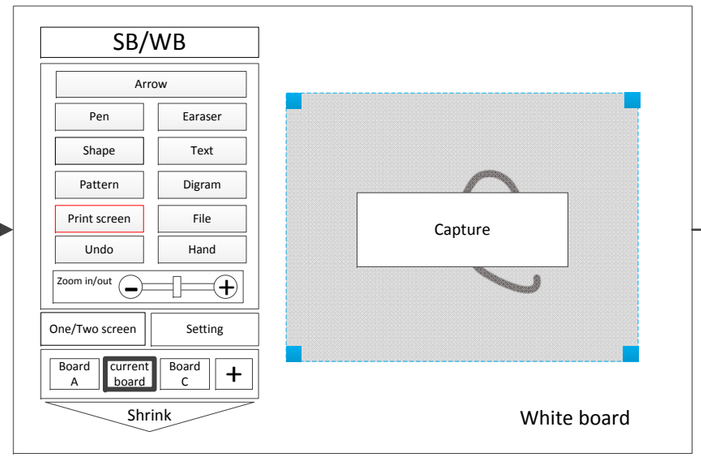
Full screen



rectangle



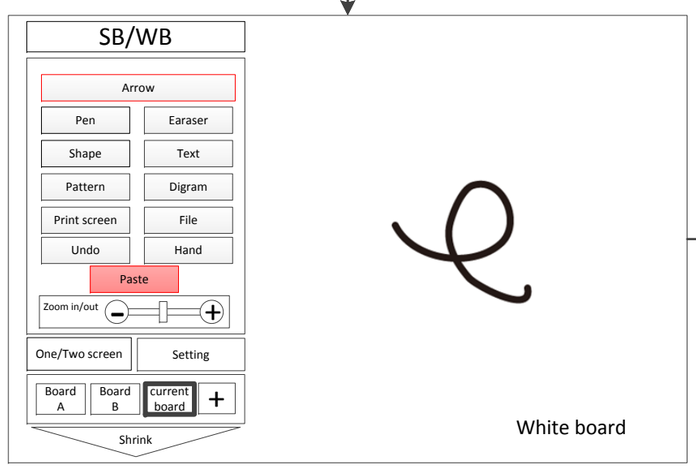
Release the mouse

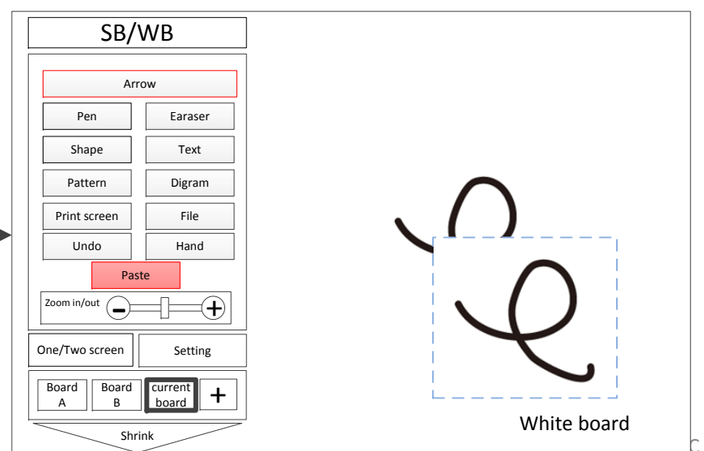


儲存至固定資料夾

Save to folder

Paste

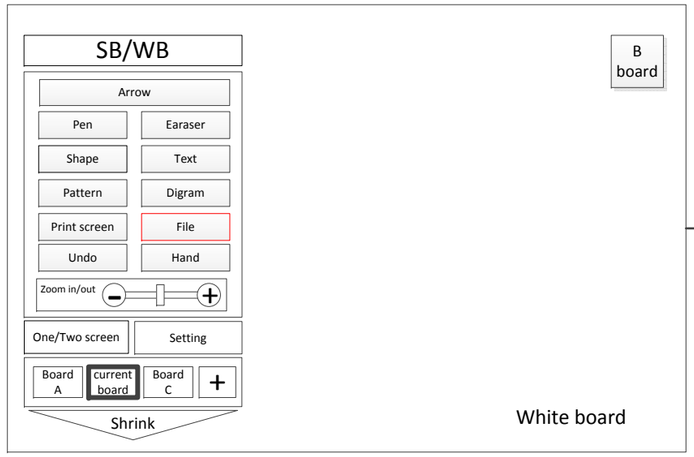




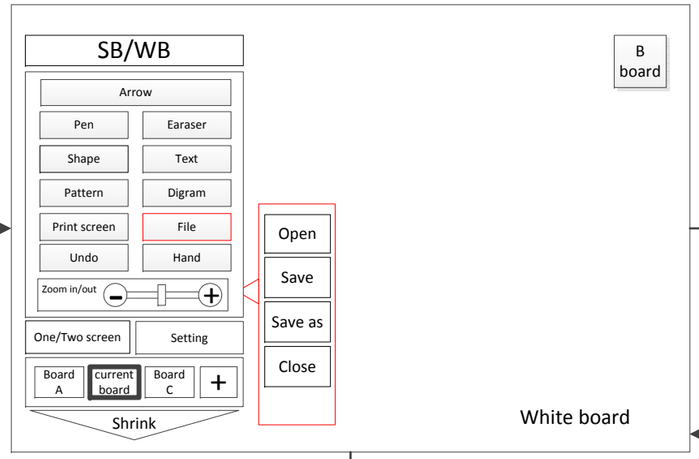
20	Flow chart	
	Jane/Mandi	2015/1/28

File

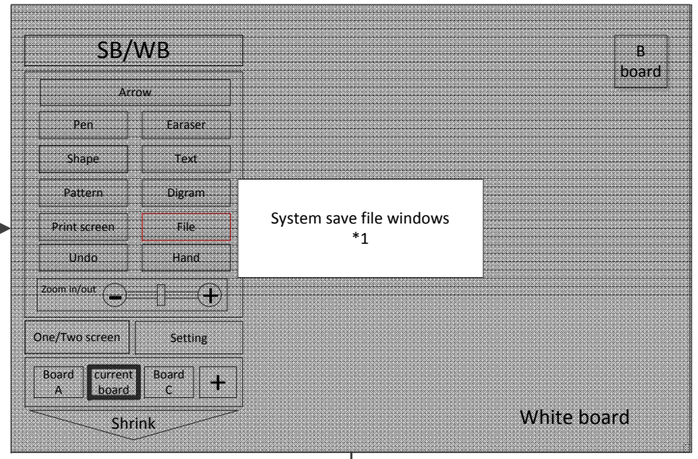
One screen mode



File

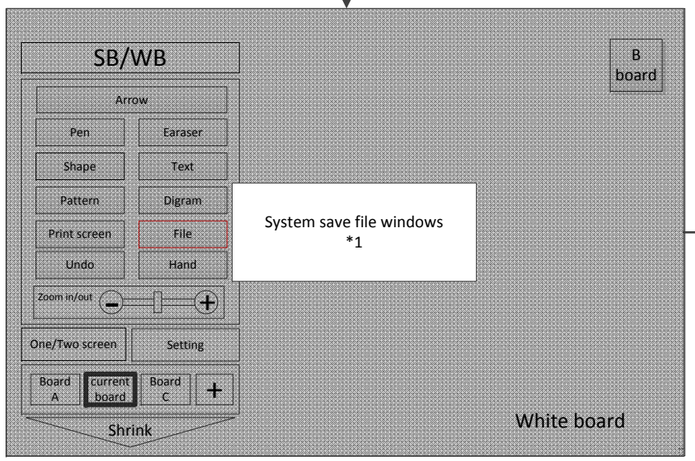


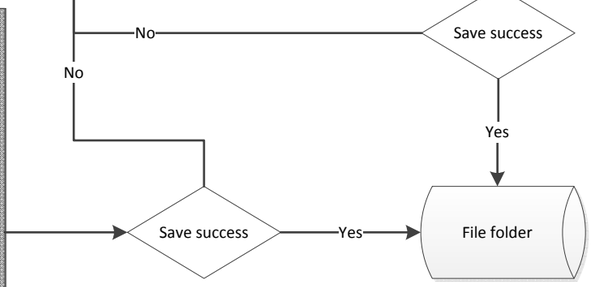
Save



*1:固定儲存路徑
檔案格式為圖像檔

Save as





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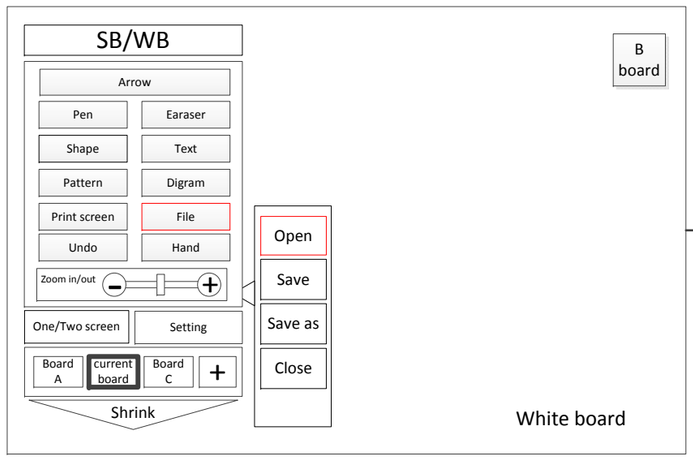
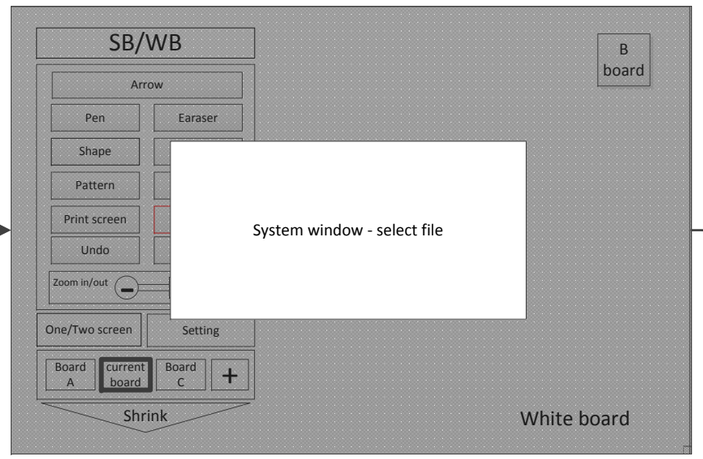
21	Flow chart	
	Jane/Mandi	2015/1/28

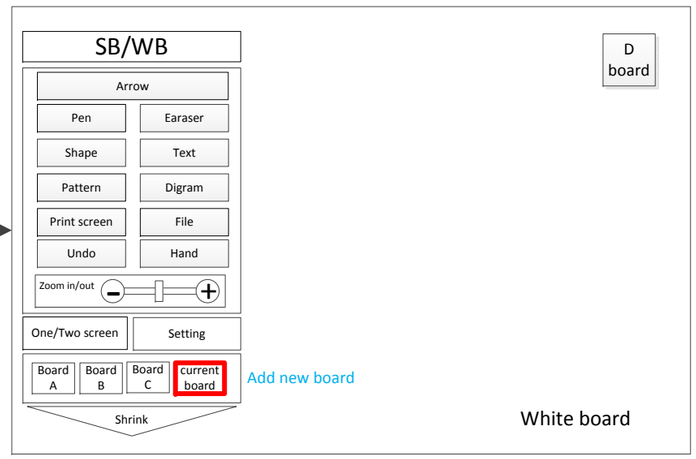
File



Open



Switch to new board automatically



Cancel

close → Saved → NO

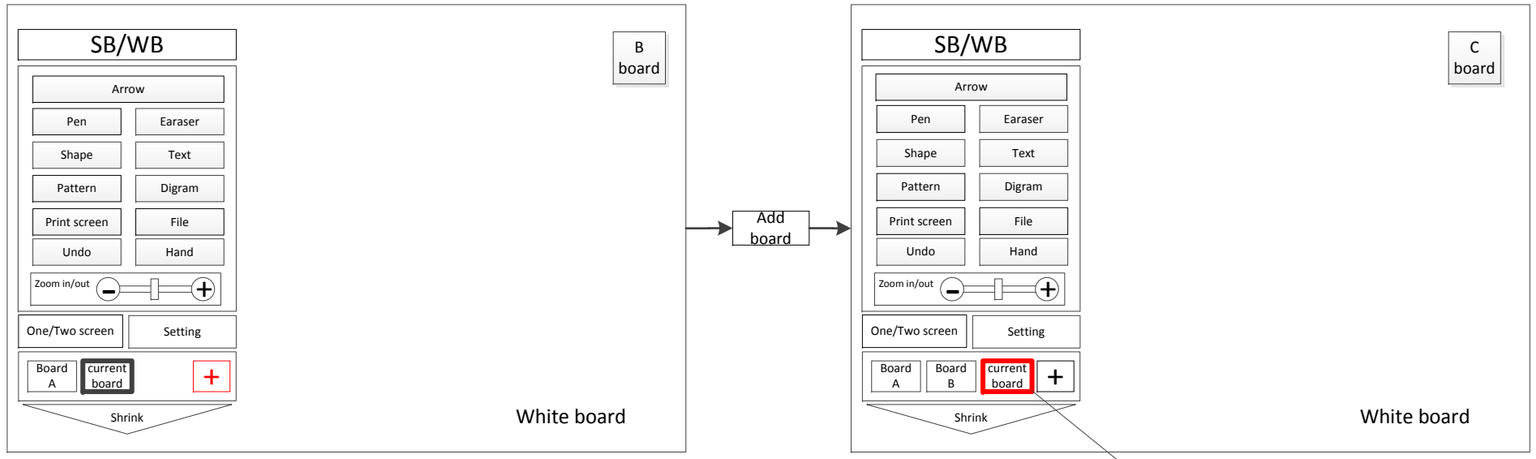
Yes

Yes

Human-Centric Research Div, VCC

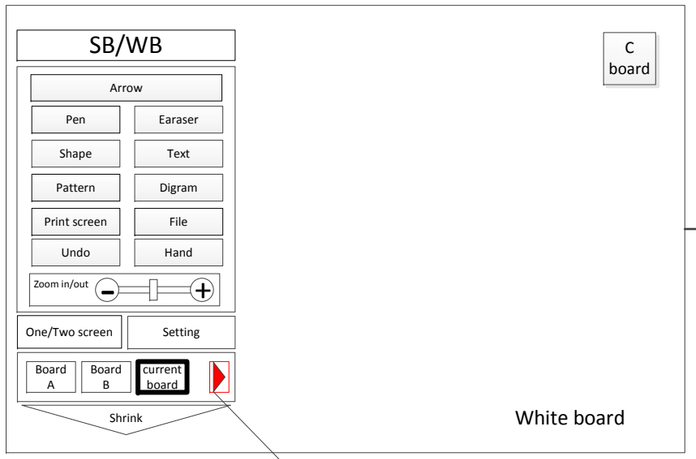
22	Flow chart	
	Jane/Mandi	2015/1/28

Boards

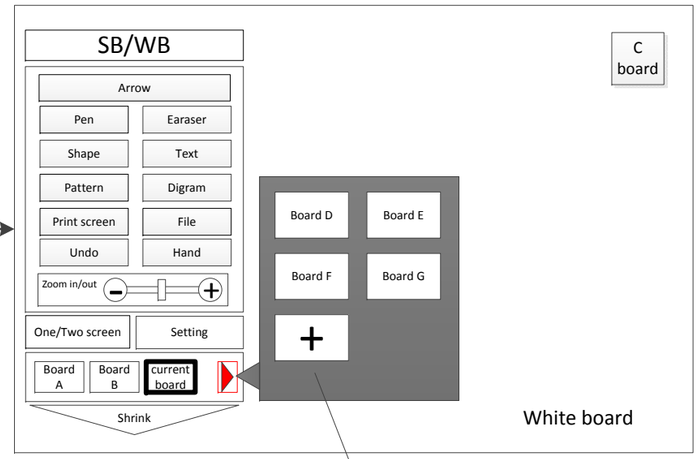


Add board

Show the image of the boards



More than 5 boards



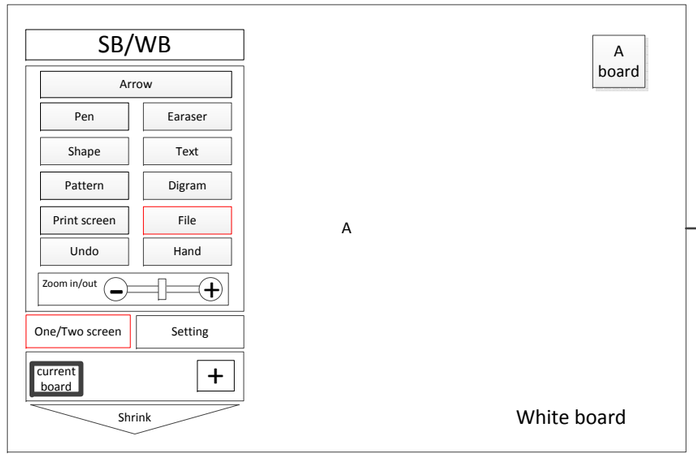
依系統效能定義
限制數量

Human-Centric Research Div, VCC

23	Flow chart	
	Jane/Mandi	2015/1/28

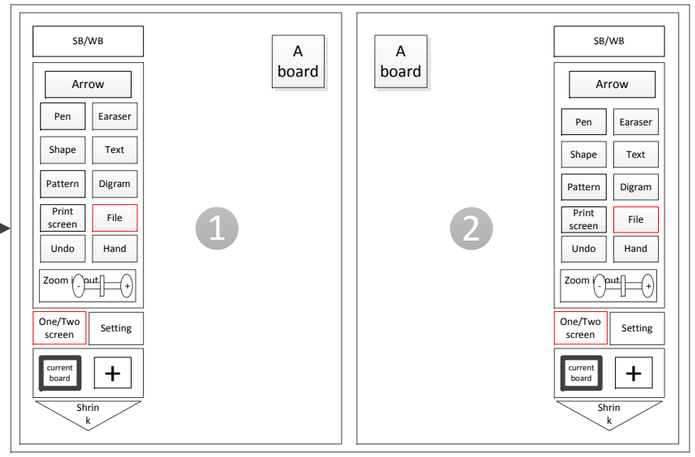
Dual screen

One screen mode <Empty>



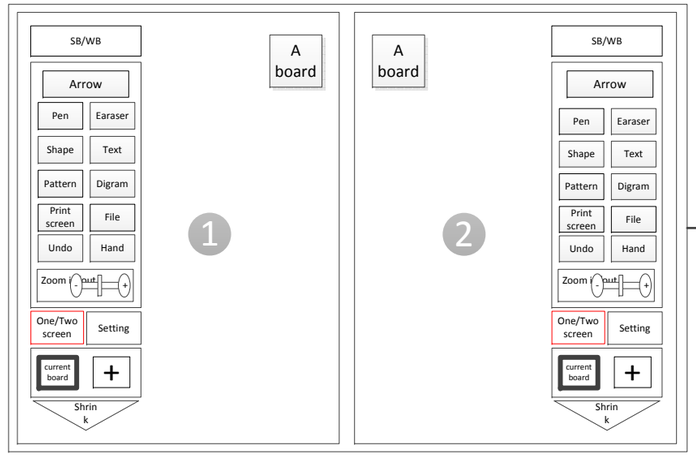
One/Two screen

Two screen mode

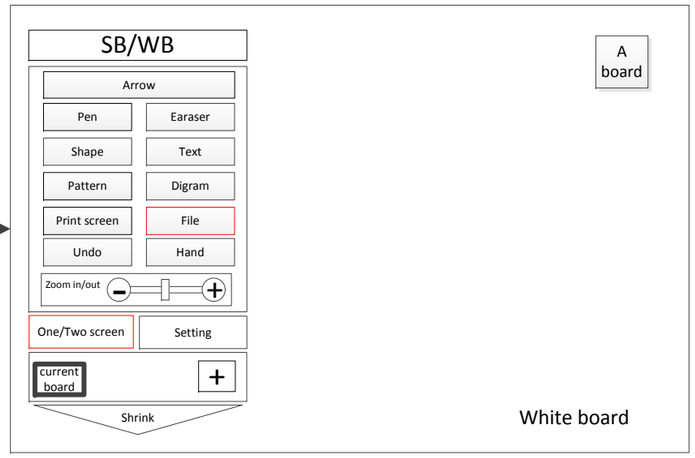


Default: same board separate into two.

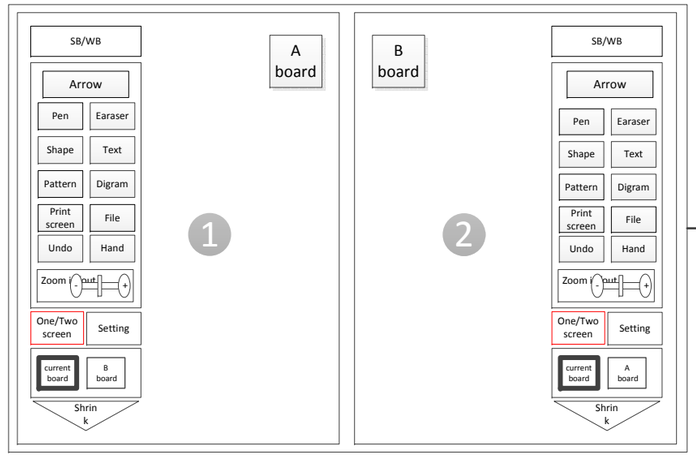
*Two screen mode only available on white board. Screen board can not use this mode.
*A/B can not separate into 2 screens again if two screen mode back to one screen mode.



One/Two screen



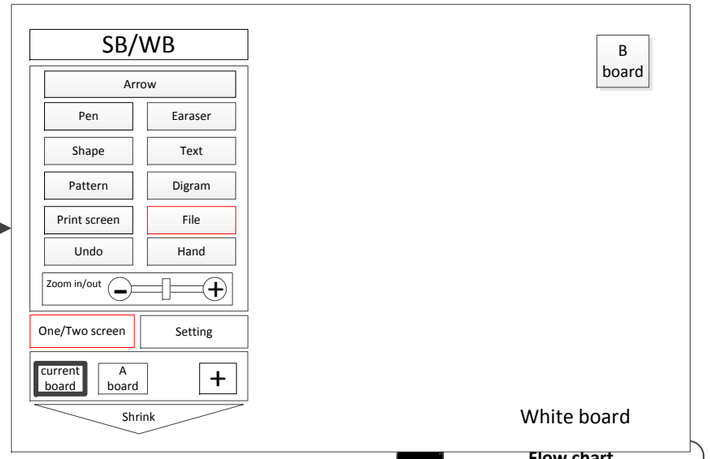
*Ether (1) or (2) choose the [one/two screen] button, APP back to one screen mode.



(1) or (2) switch the screen

(1)

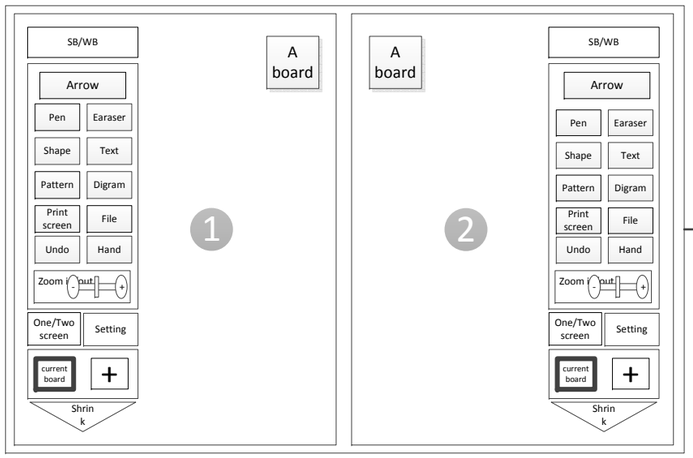
(2)



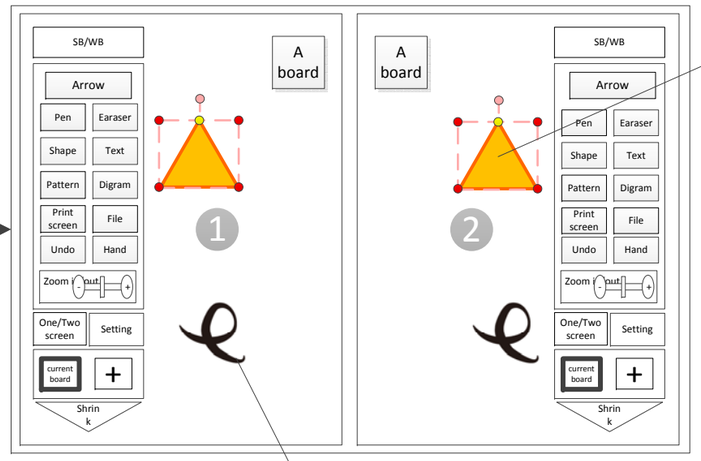
Flow chart		
24	Jane/Mandi	2015/1/28

Dual screen

Two screen mode

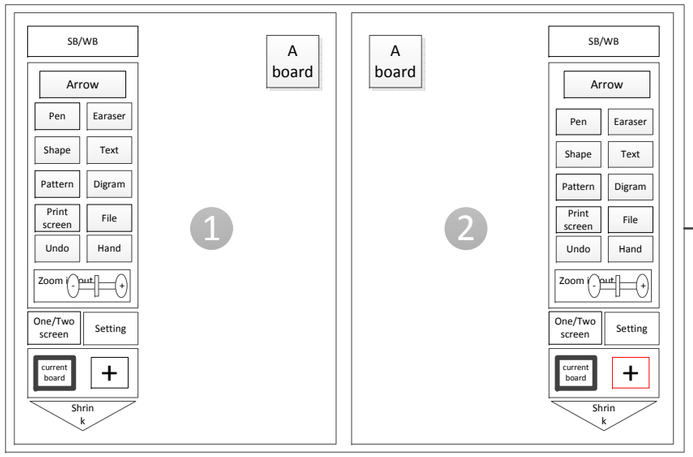


Editing

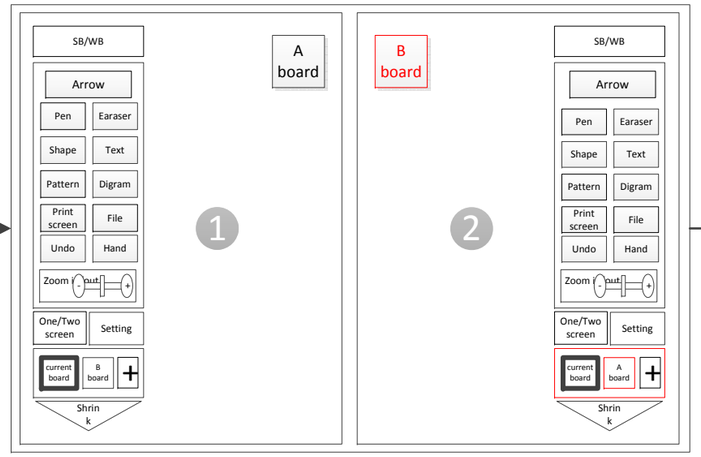


From (2) screen

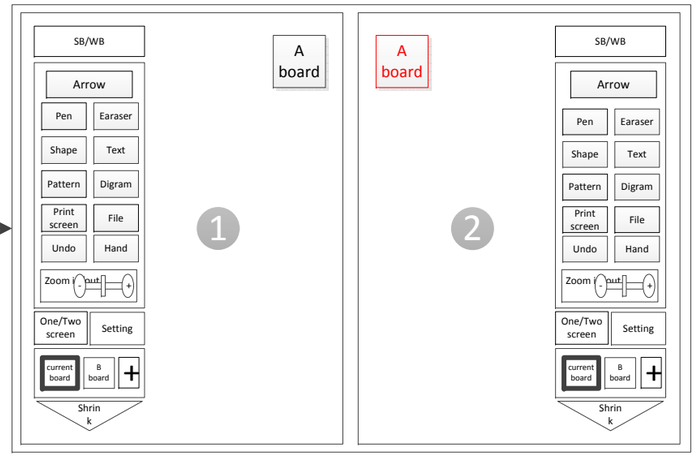
From (1) screen



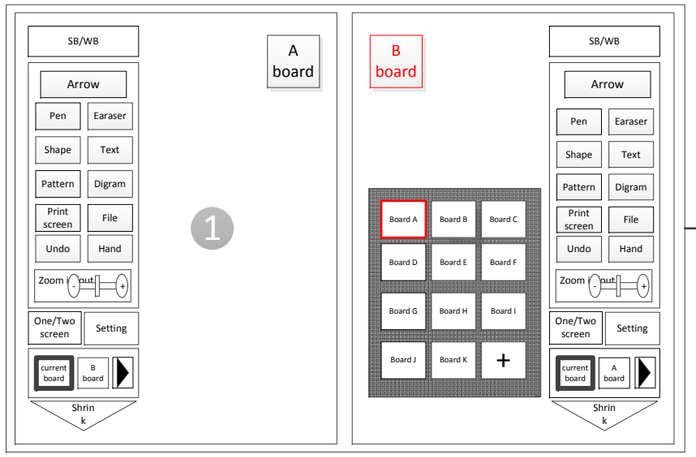
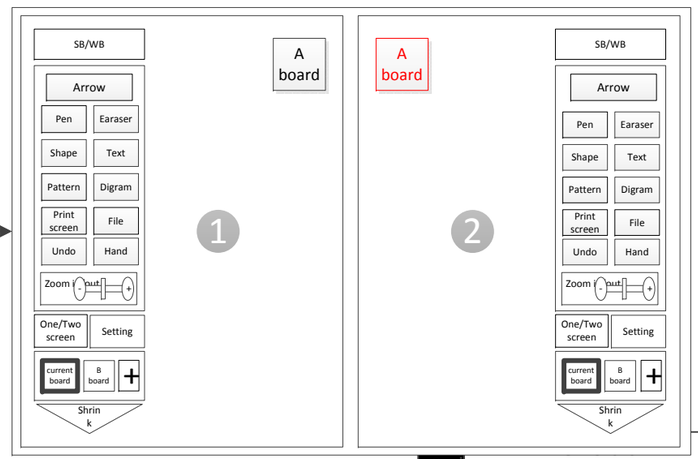
(2) Add board



(2) Switch board



Several boards



(2) Switch board