

国际体验设计大会
INTERNATIONAL CONFERENCE OF
EXPERIENCE DESIGN 2015

IXDC

重新定义用户体验
REDEFINE USER EXPERIENCE

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Resume at 3:15

Download Chrome browser and assets

<http://download.protopie.io>

WiFi: xid1,2,3,4

PW: protopie

“86%的设计师认为
交互设计比用户界面更难。”

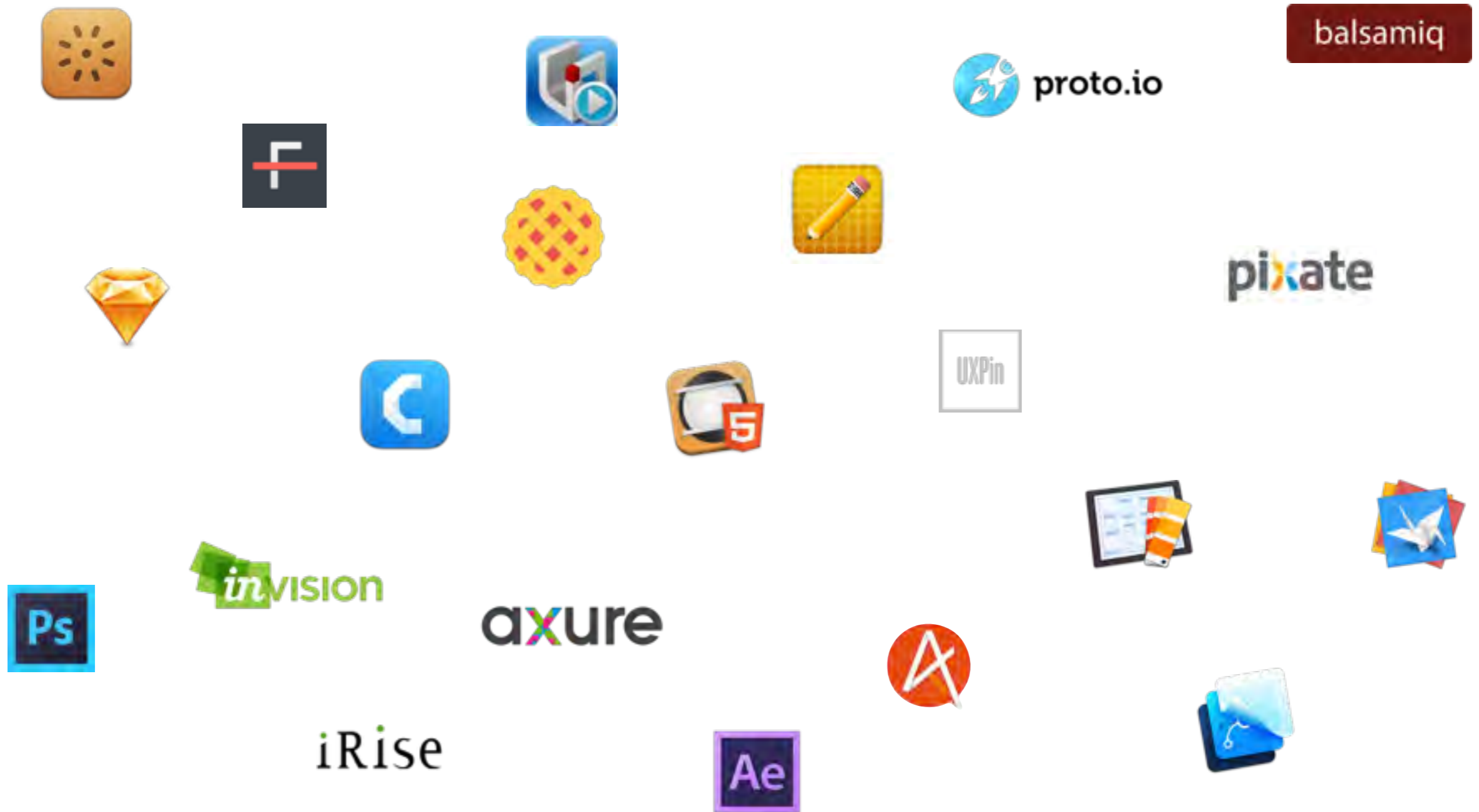
“86% of designers feel it is more difficult
to design interaction than user interface.”

– *How designers design and program behaviours,*
HCI, CMU, Brad A. Myers, 2008

原型工具可以拯救你!

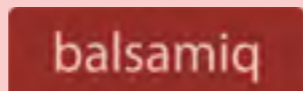
Prototyping tools to save you!

原型工具



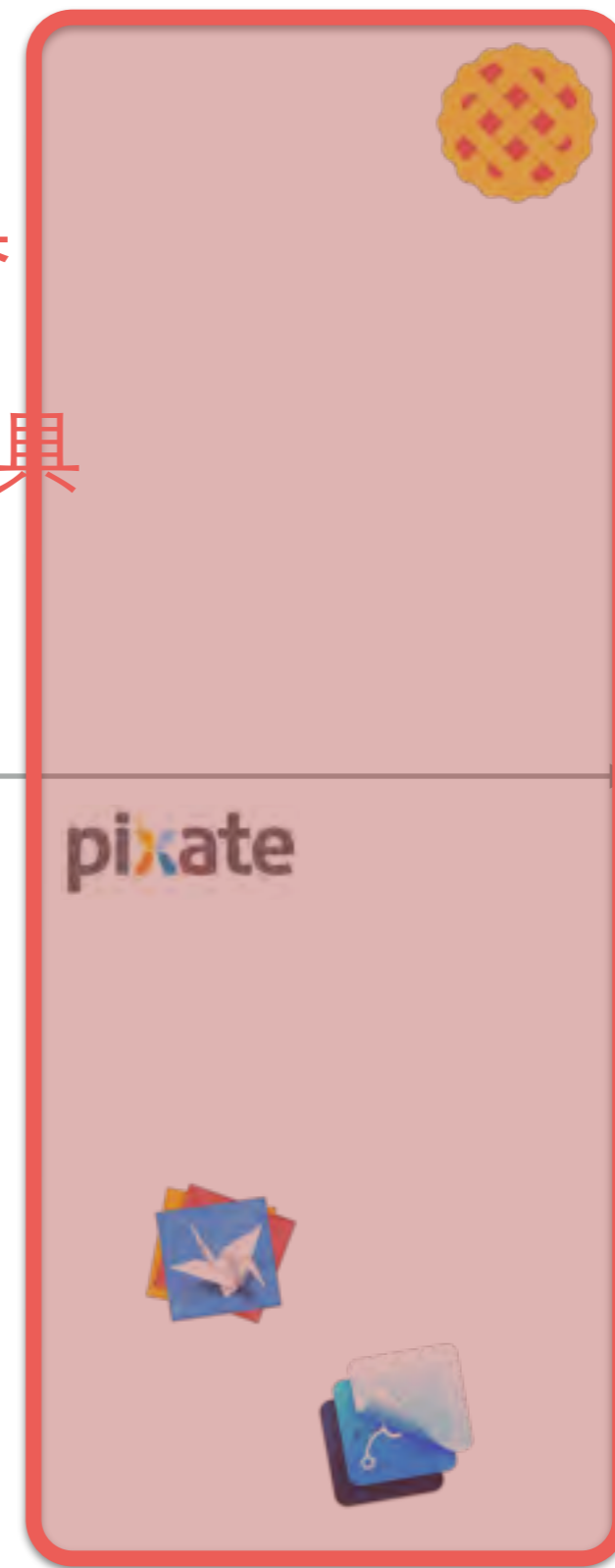
流程工具

Easy to learn



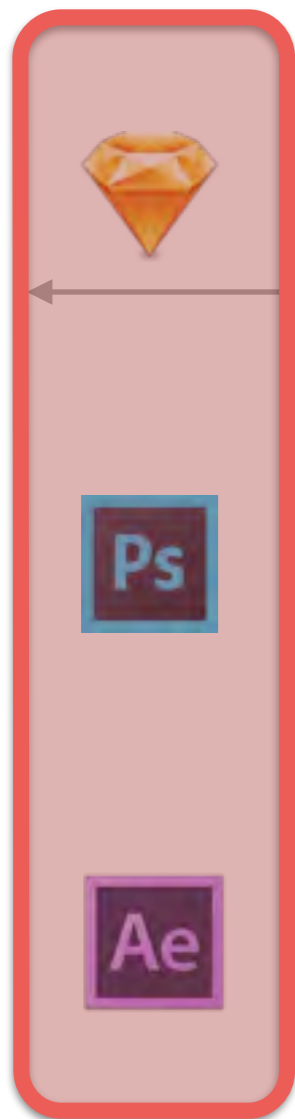
原型工具
交流工具

线框图工具



Basic

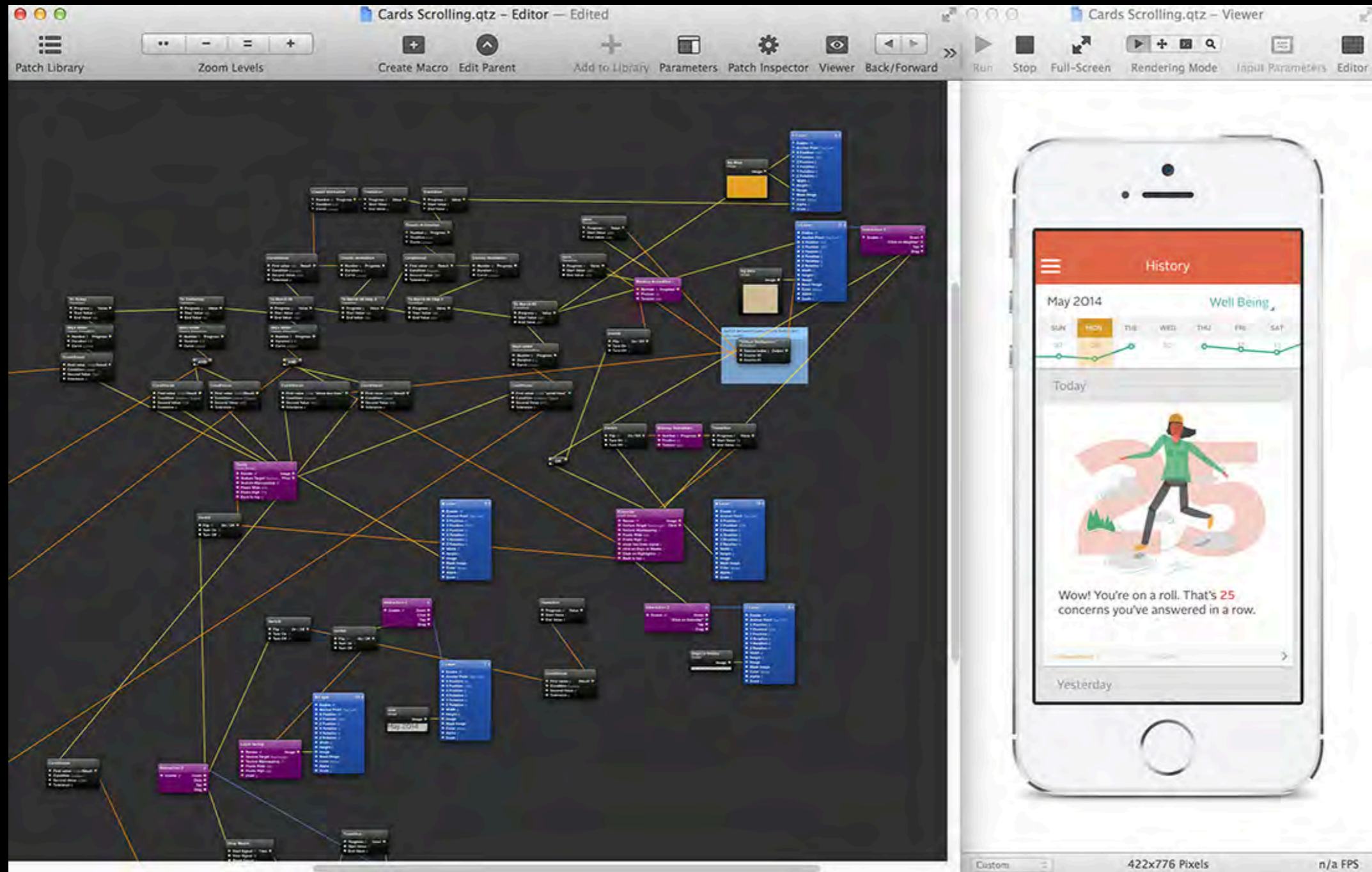
Sophisticated



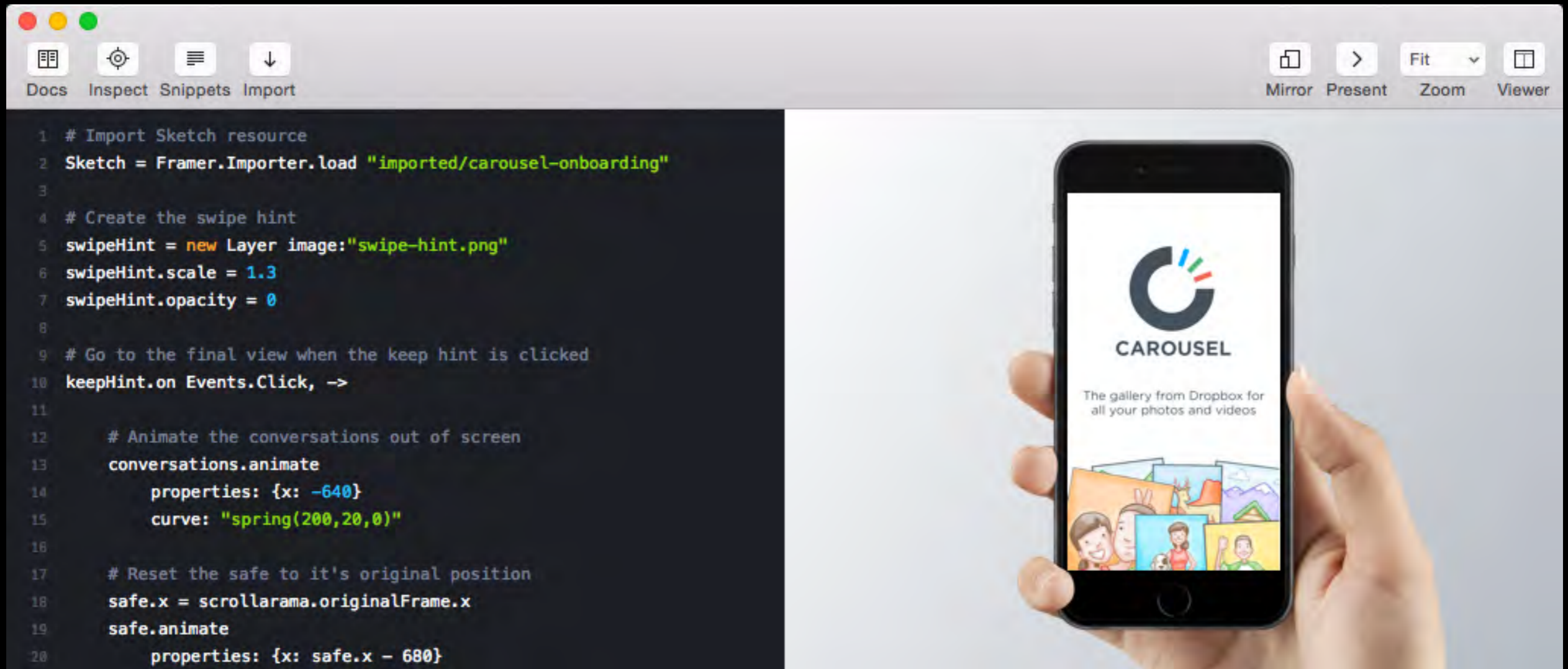
图形工具

Training required

Origami



Framer

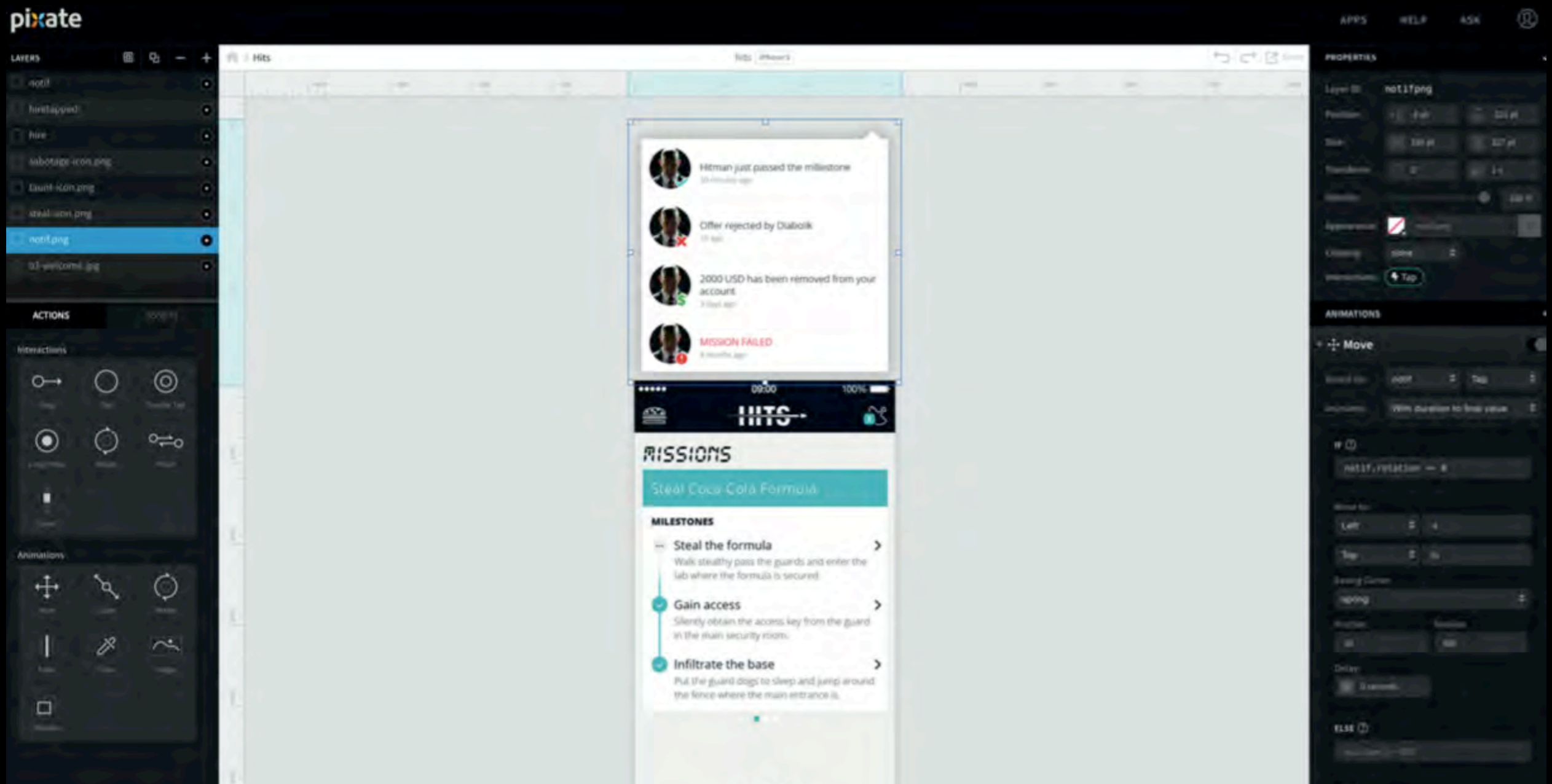


The screenshot displays the Framer application interface. On the left, a code editor shows the following code:

```
1 # Import Sketch resource
2 Sketch = Framer.Importer.load "imported/carousel-onboarding"
3
4 # Create the swipe hint
5 swipeHint = new Layer image:"swipe-hint.png"
6 swipeHint.scale = 1.3
7 swipeHint.opacity = 0
8
9 # Go to the final view when the keep hint is clicked
10 keepHint.on Events.Click, ->
11
12   # Animate the conversations out of screen
13   conversations.animate
14     properties: {x: -640}
15     curve: "spring(200,20,0)"
16
17   # Reset the safe to it's original position
18   safe.x = scrollarama.originalFrame.x
19   safe.animate
20     properties: {x: safe.x - 680}
```

On the right, a mobile app preview is shown. The app features a logo consisting of a stylized 'C' with three colored bars (blue, green, red) extending from the top right. Below the logo, the word "CAROUSEL" is displayed in a bold, sans-serif font. Underneath, the text reads "The gallery from Dropbox for all your photos and videos". At the bottom of the screen, there is a horizontal carousel of colorful, cartoon-style photos and illustrations, including a person's face, a dog, and a landscape.

Pixate



ProtoPie 菠萝头派



交互原型基础

Basic of Interactive Prototyping

剖析交互



触发器
Trigger



规则
Rules

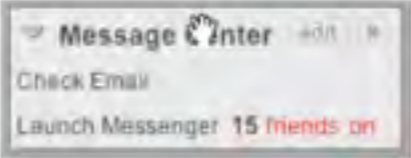


反馈
Feedback

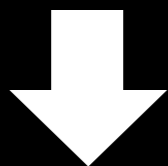


循环
Loops

Drag and Drop Modules - Interesting Moments Grid

	Currently on beta.my.yahoo.com	ID: Bill Scott & Eric Miraglia				
	Mouse Hover	Mouse Down	Drag Initiated	Drag Over Valid Target	Drag Over Invalid Target	Drag Over Parent Container
Cursor	  CSS Move cursor CSS Move cursor	 CSS Move cursor	 CSS Move cursor	 CSS Move cursor	 CSS Move cursor	 CSS Move cursor
Tool Tip						
Drag Object	 Full Opacity	 Reduced Opacity	 Reduced Opacity	 Reduced Opacity & Invalid Badge	 Reduced Opacity	
Drop Target	 No insertion bar, just a gap	 No insertion bar, just a gap	 Insertion bar showing where it will drop	 No insertion bar, just a gap	 No insertion bar, just a gap & original hold	

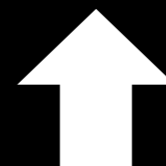
触摸触发器



开始
Start



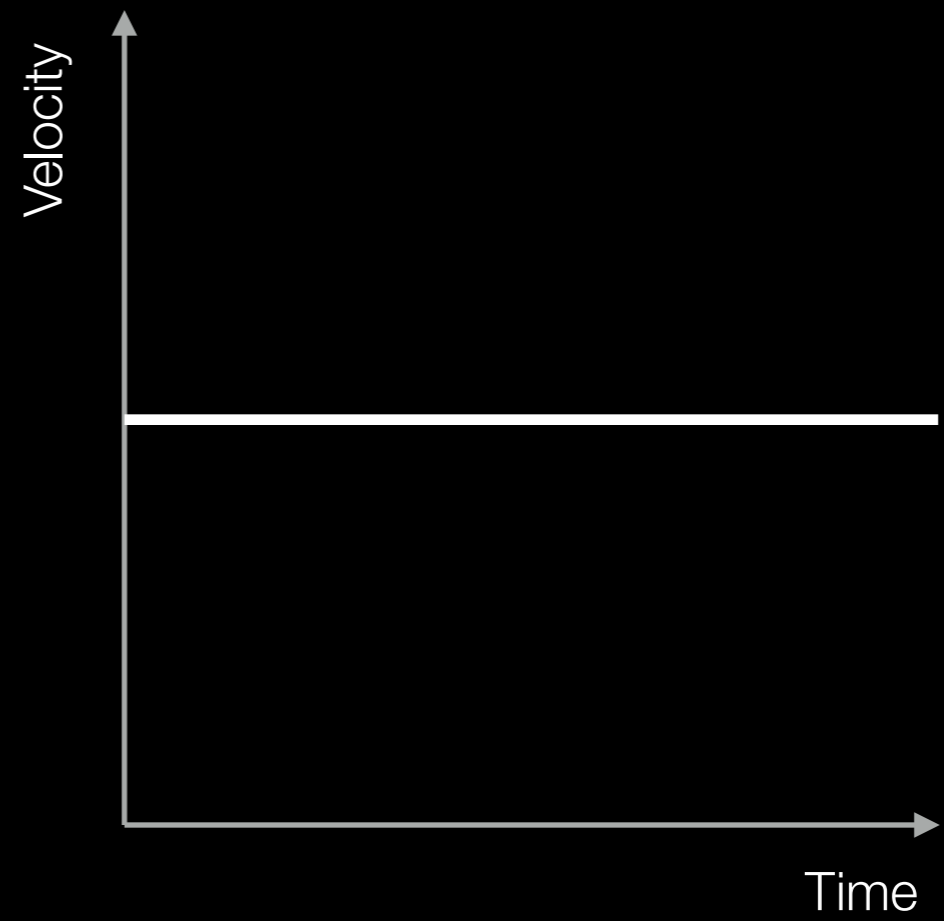
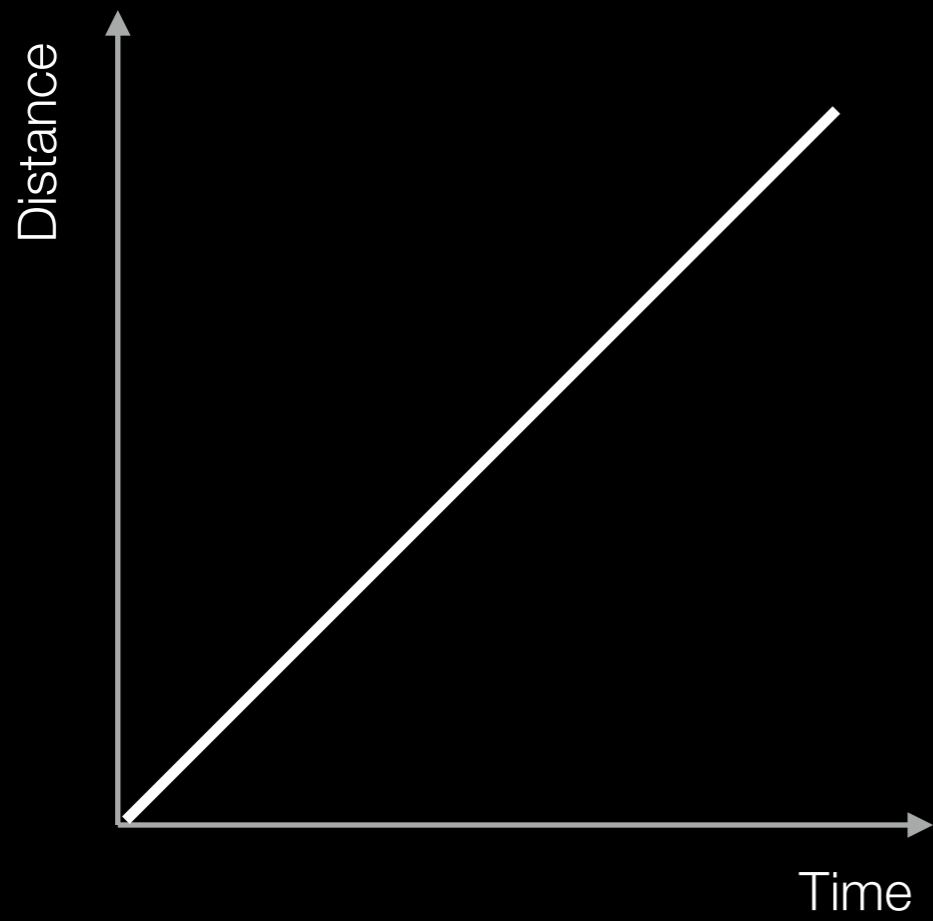
过程中
During



结束
End

触摸屏

速度



加速度

The image shows a screenshot of a Bezier curve editor interface. On the left, a graph plots 'PROGRESSION' on the y-axis and 'TIME' on the x-axis. A black curve starts at the origin and ends at a white dot. Two control points are shown: a cyan dot and a pink dot. The curve is smooth and S-shaped. On the right, the text 'cubic-bezier(.8, .19, .33, .86)' is displayed in a pink font, with a 'SAVE' button next to it. Below this, there is a 'Preview & compare' section with a 'GO!' button and a duration slider set to '1.6 seconds'. A 'Library' section contains buttons for 'IMPORT' and 'EXPORT', and a list of curves: 'ease', 'linear', 'ease-in', 'ease-out', and 'ease-in-out'. The 'ease-in-out' curve is highlighted in cyan. A tip at the bottom reads: 'Tip: Right click on any library curve and select "Copy Link Address" to get a permalink to it which you can share with others'. In the top right corner, there are social media icons for '1,722' and 'Tweet'.

cubic-bezier(.8, .19, .33, .86) SAVE

1,722
Tweet

Preview & compare GO!

Duration: 1.6 seconds

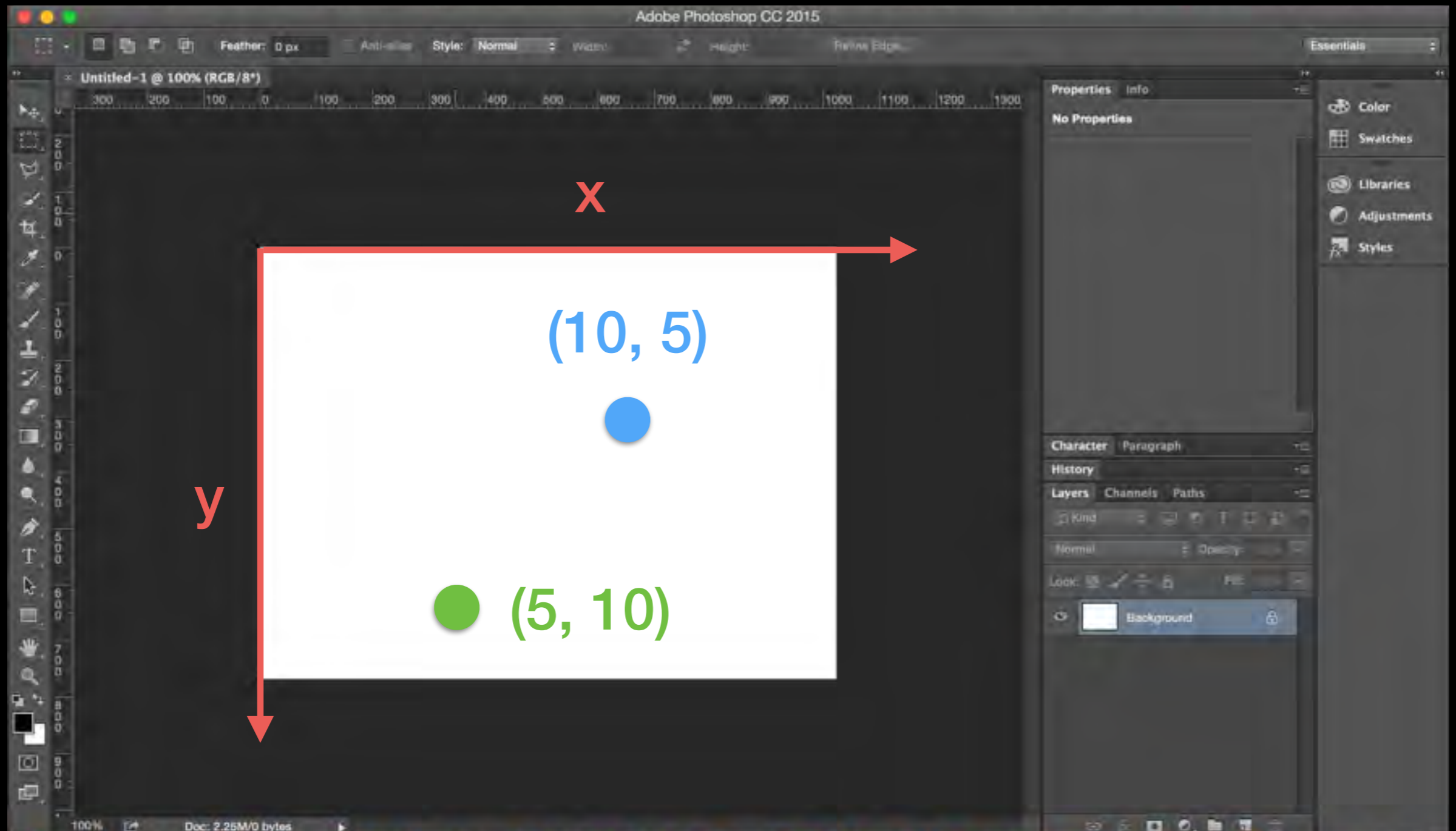
Library IMPORT EXPORT

Click on a curve to compare it with the current one.

ease linear ease-in ease-out ease-in-out

Tip: Right click on any library curve and select "Copy Link Address" to get a permalink to it which you can share with others

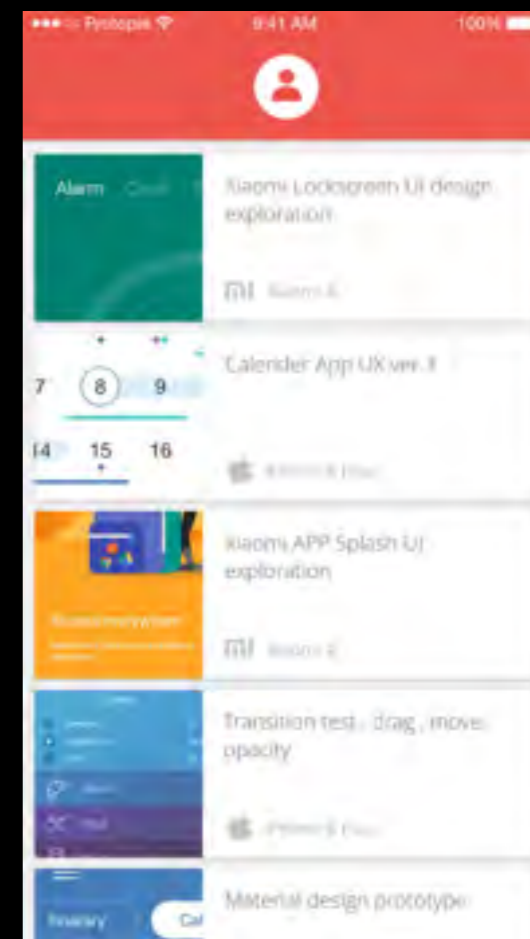
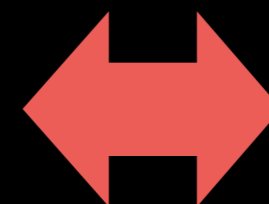
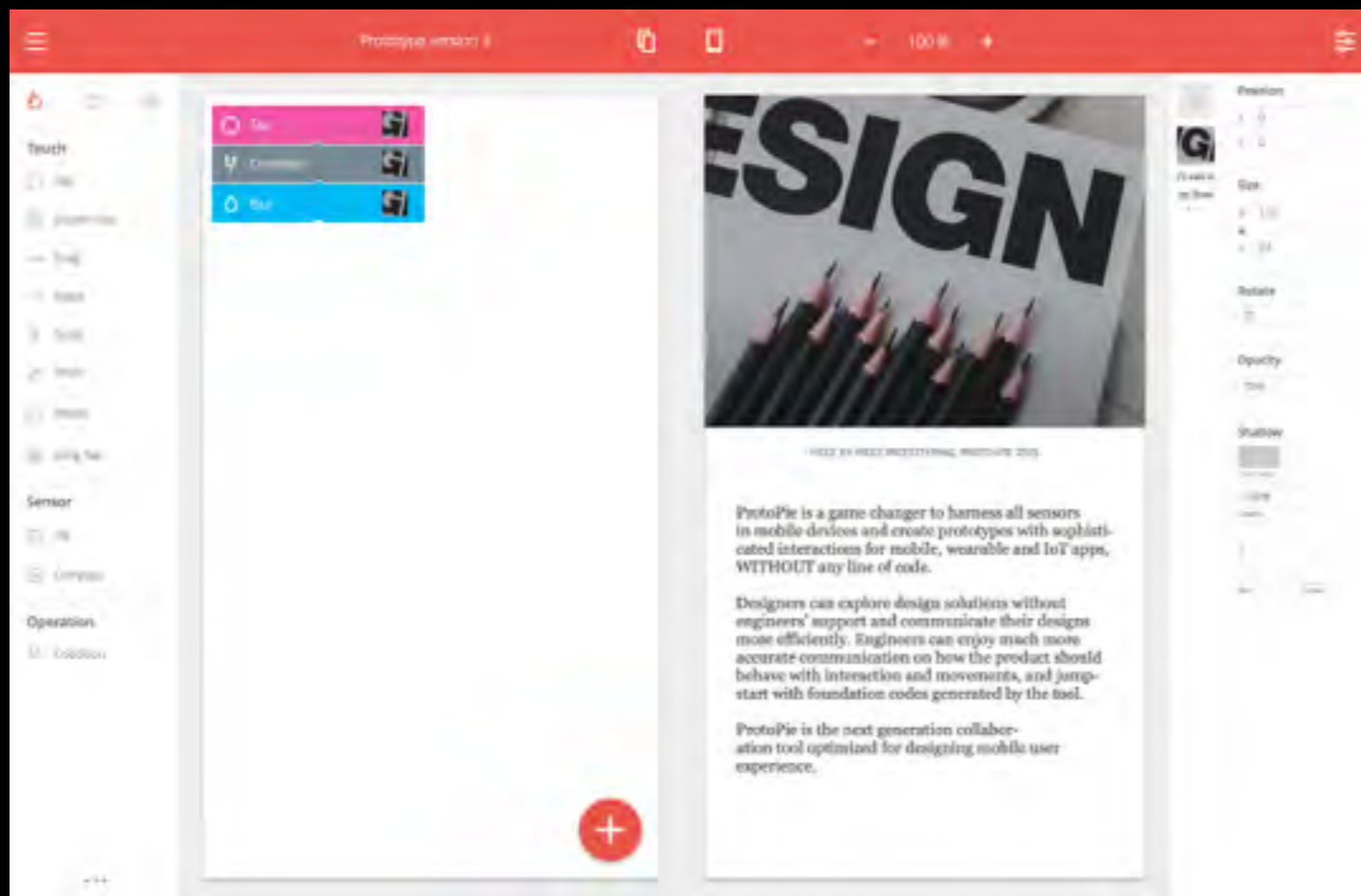
坐标系

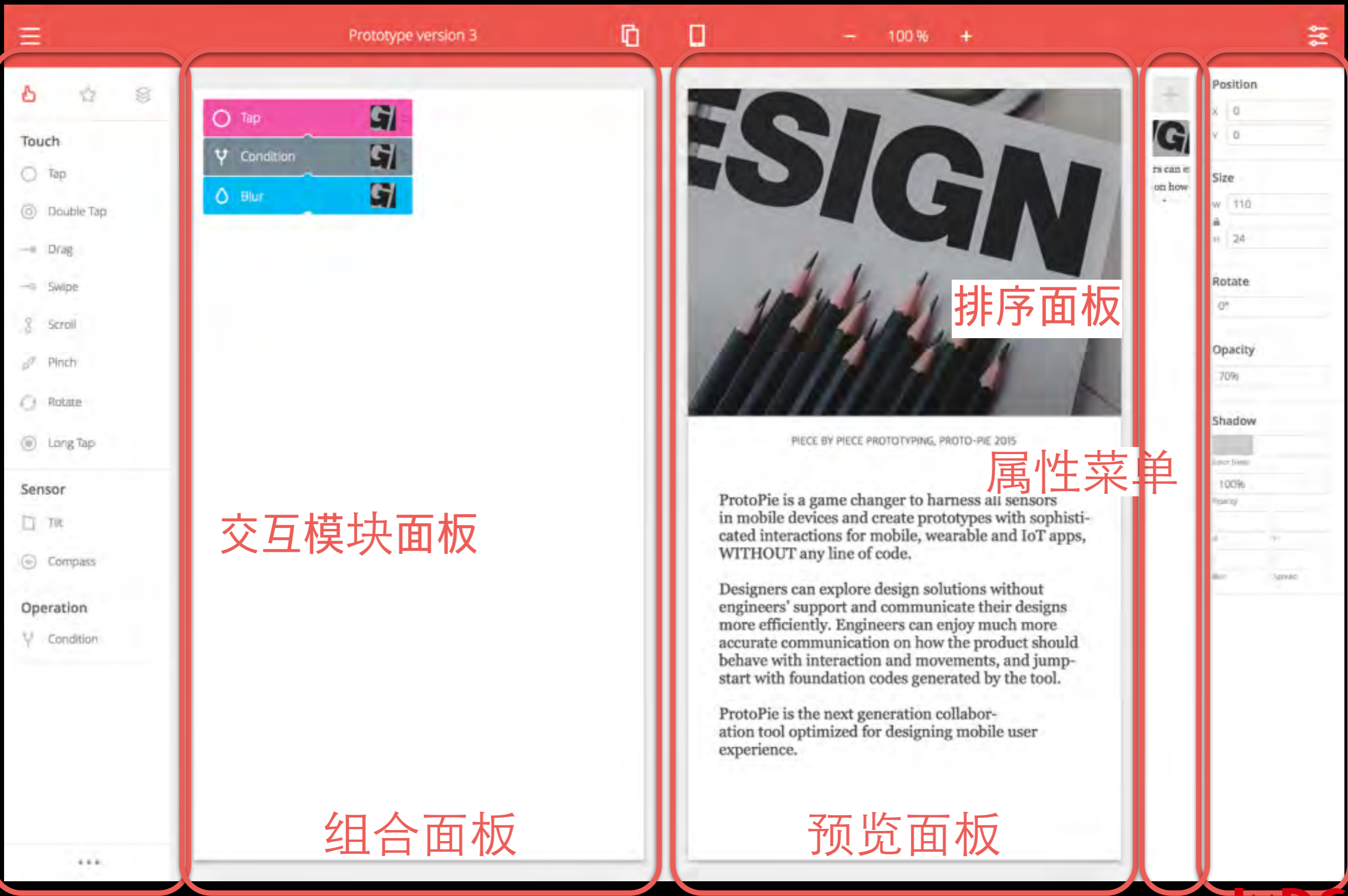


ProtoPie



编辑工具 + 测试器





交互模块面板

组合面板

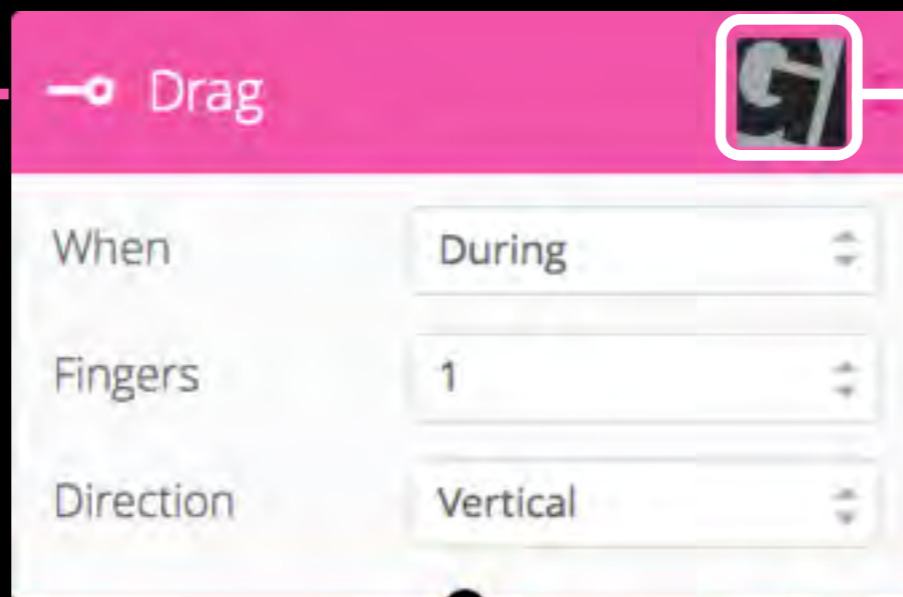
排序面板

属性菜单

预览面板

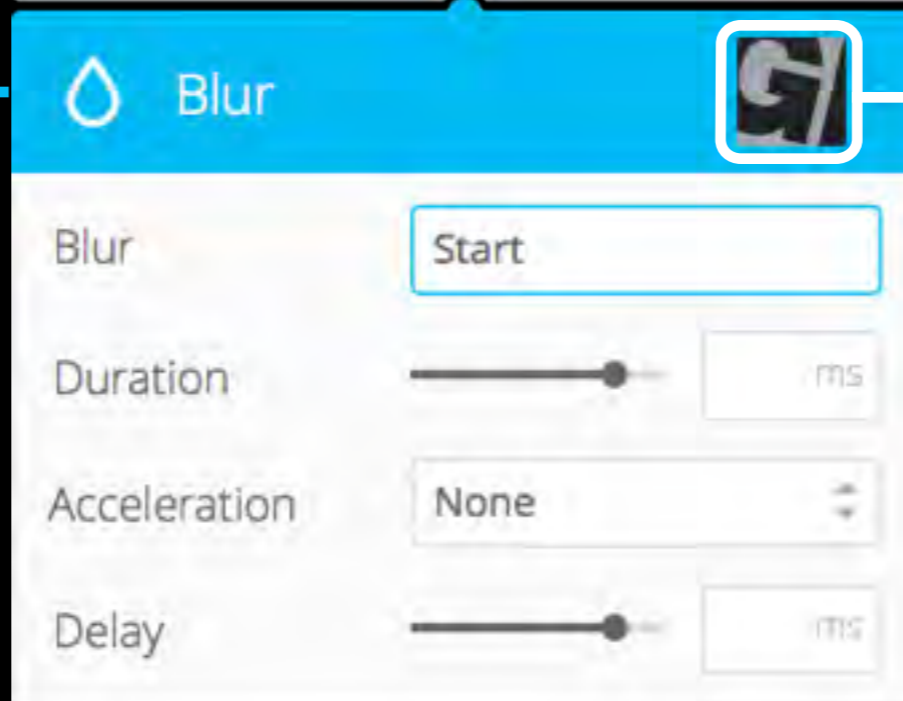
触发器 + 对象 + 响应

触发器



对象

响应

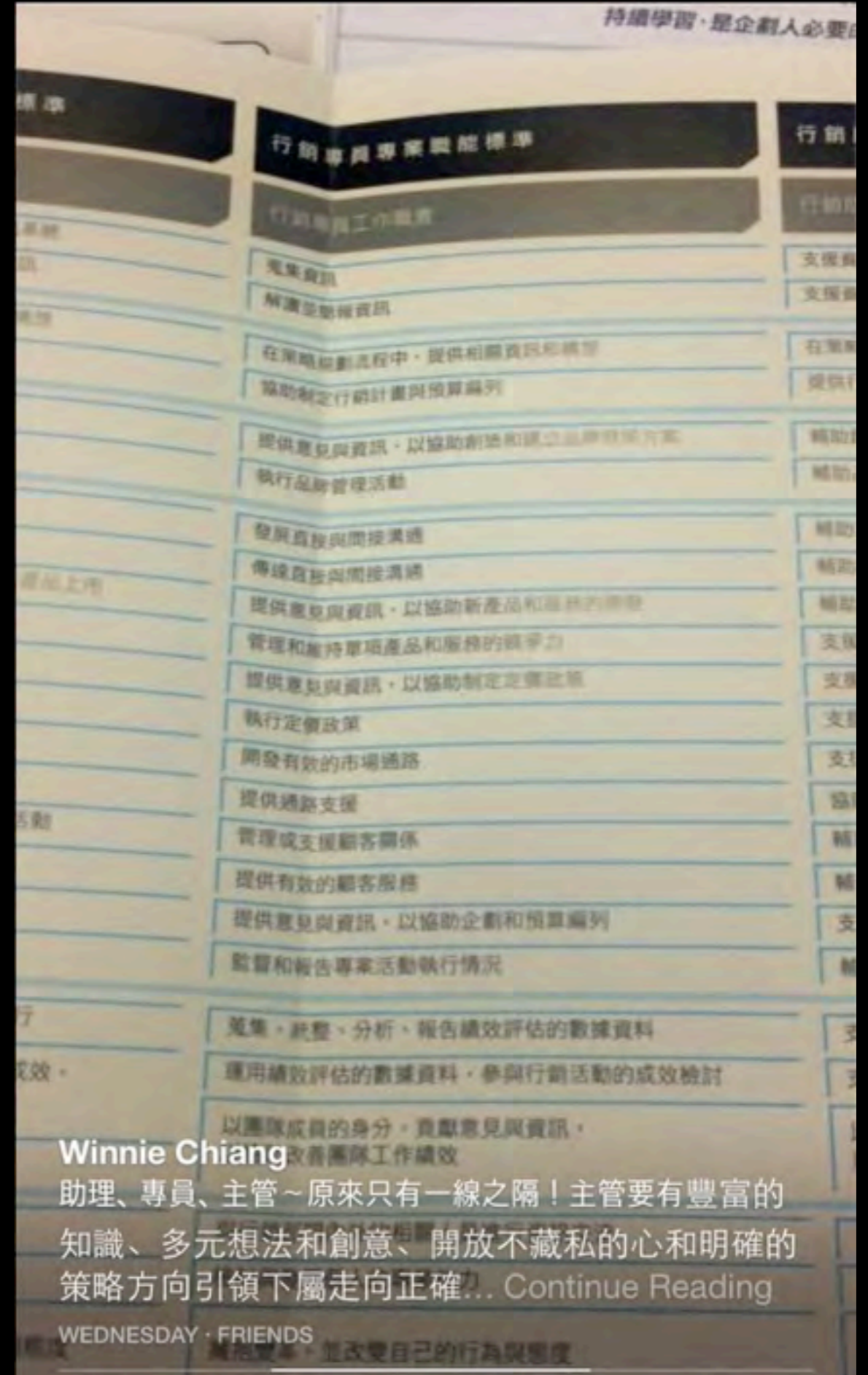


对象

准备好来试吃了吗？

通过加速计 实现硬件倾斜

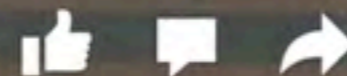
Hardware Tilt by Accelerometer



Winnie Chiang

助理、專員、主管~原來只有一線之隔! 主管要有豐富的知識、多元想法和創意、開放不藏私的心和明確的策略方向引領下屬走向正確... Continue Reading

WEDNESDAY · FRIENDS



36 Likes 6 Comments
Winnie Chiang



Facebook Paper

通过旋转&透明度变化 实现投掷卡片

Throwing Cards by Rotate & Opacity Change



Around

通过夹捏和场景控制 实现夹捏

Pinch Close by Pinch & Scene control



Solar

通过夹捏，旋转，移动 多指手势

Multi-finger gesture by Pinch & Rotate & Move



Google Photo

练习

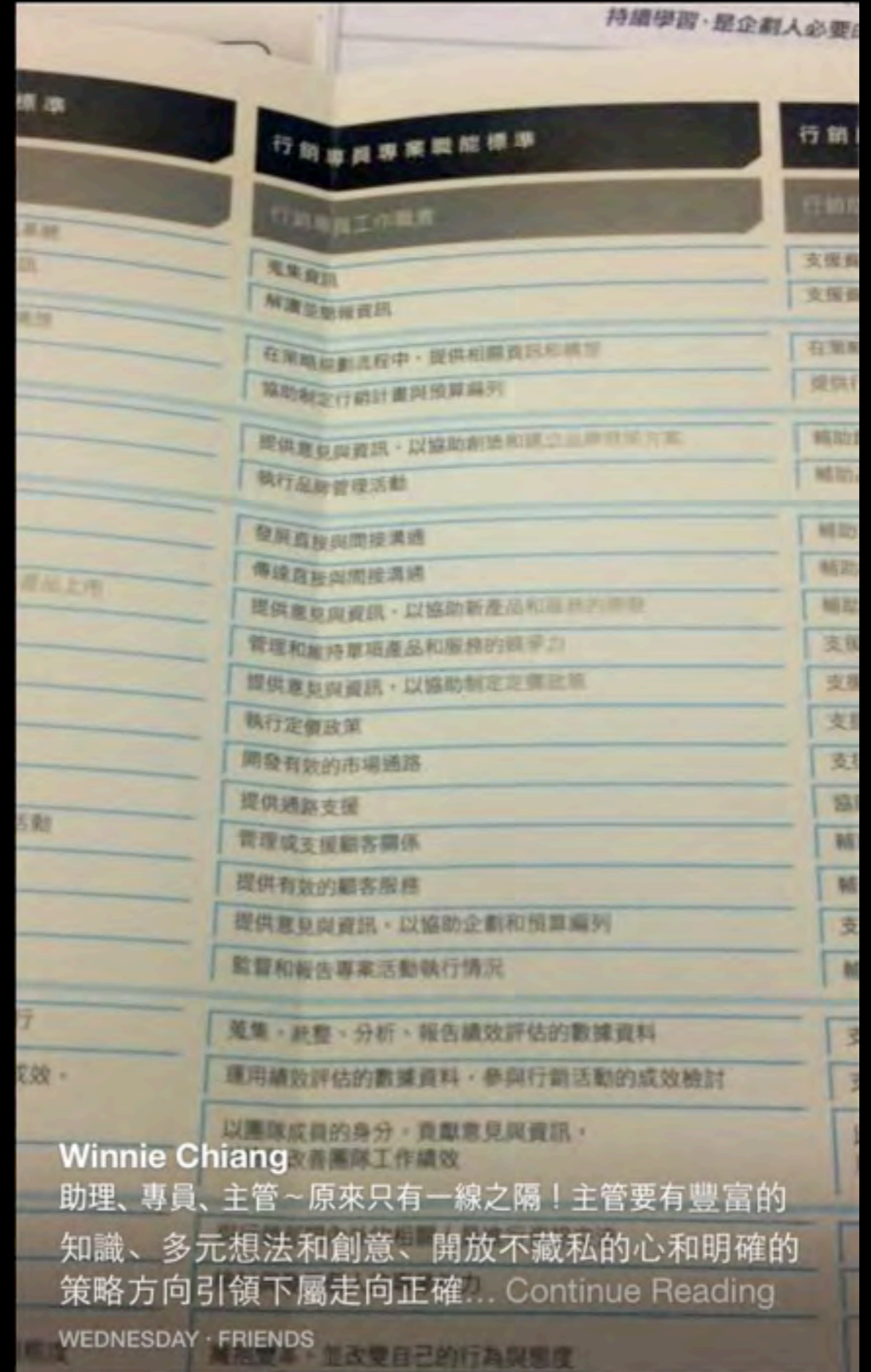
Exercise



<https://app.protopie.io>

硬件傾斜

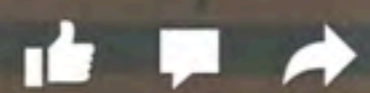
Hardware Tilt



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WEDNESDAY · FRIENDS



36 Likes 6 Comments

Winnie Chiang



Tilt

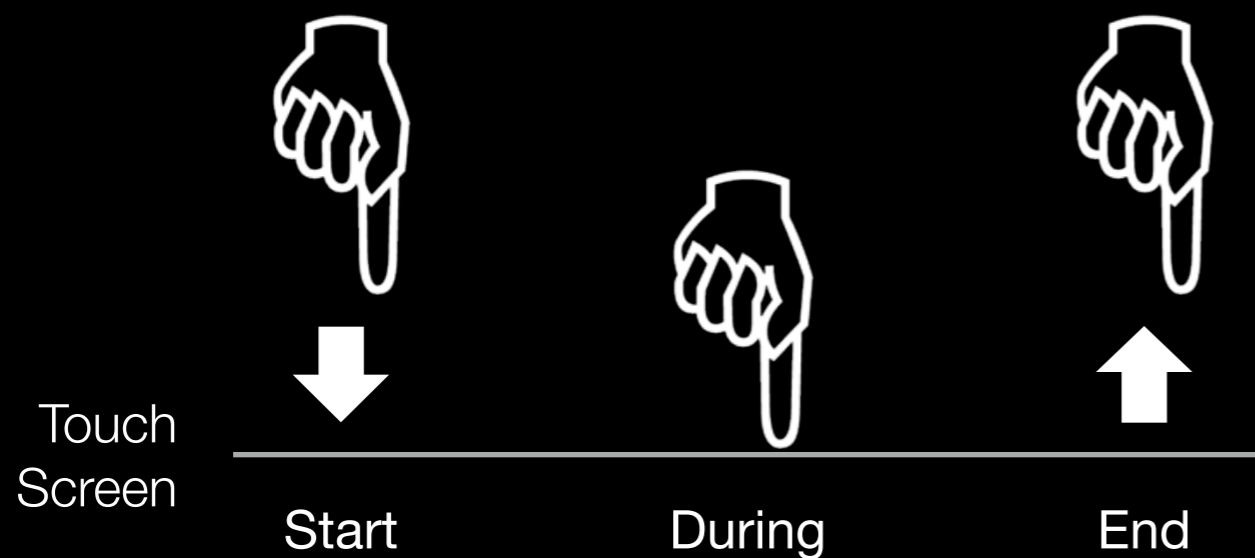
- Axis: X

Move

- Direction: Horizontal
- Ratio: 20
- Limit
 - Min: -500
 - Max: 0
- Smoothness: 100

开始-过程中- 结束

Start-During-End



Drag

- When : Start

Scale

- Size : 200px
- Duration : 200

Drag

- When : During

Move

- Ratio : 1

Drag

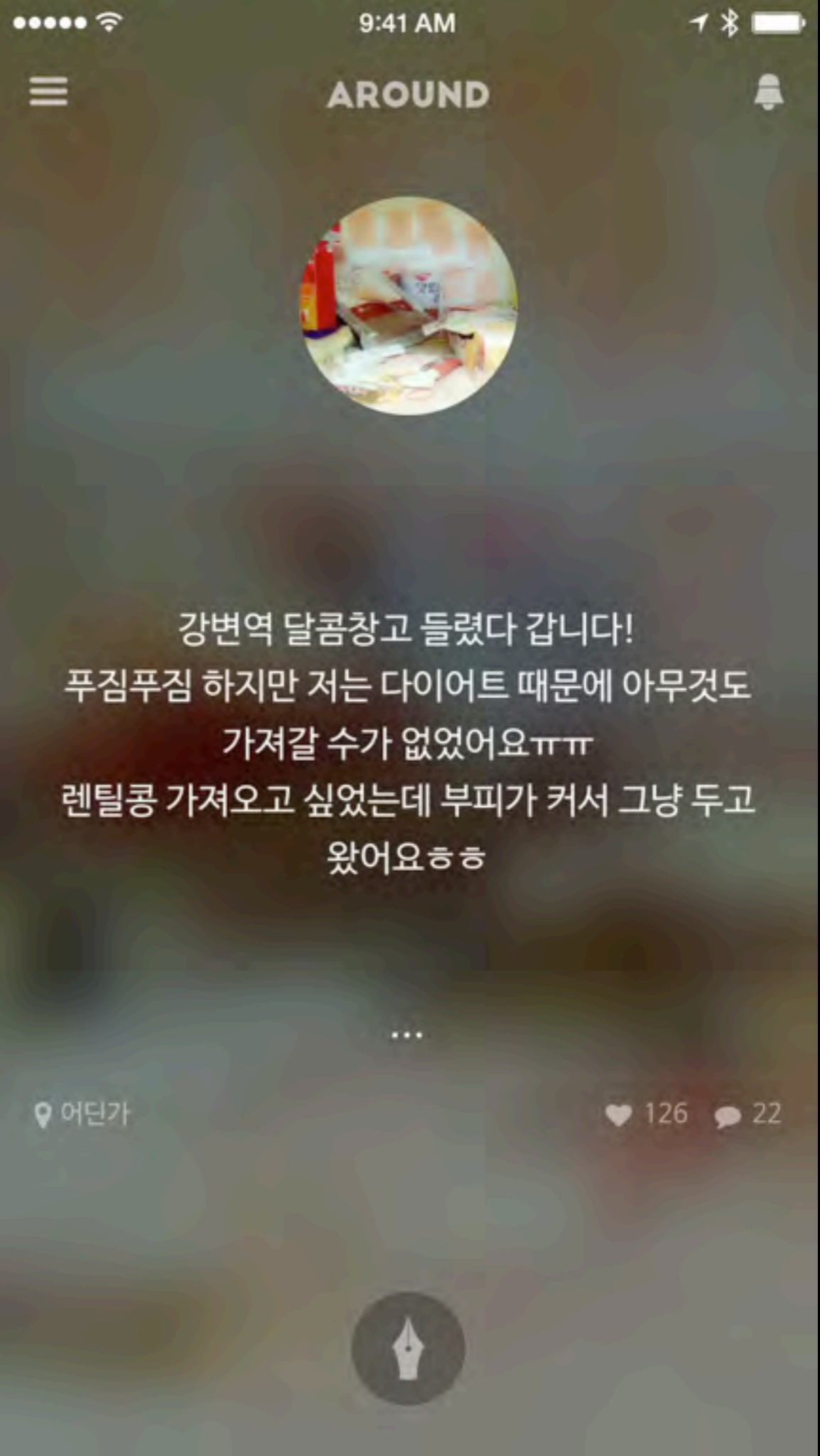
- When : End

Scale

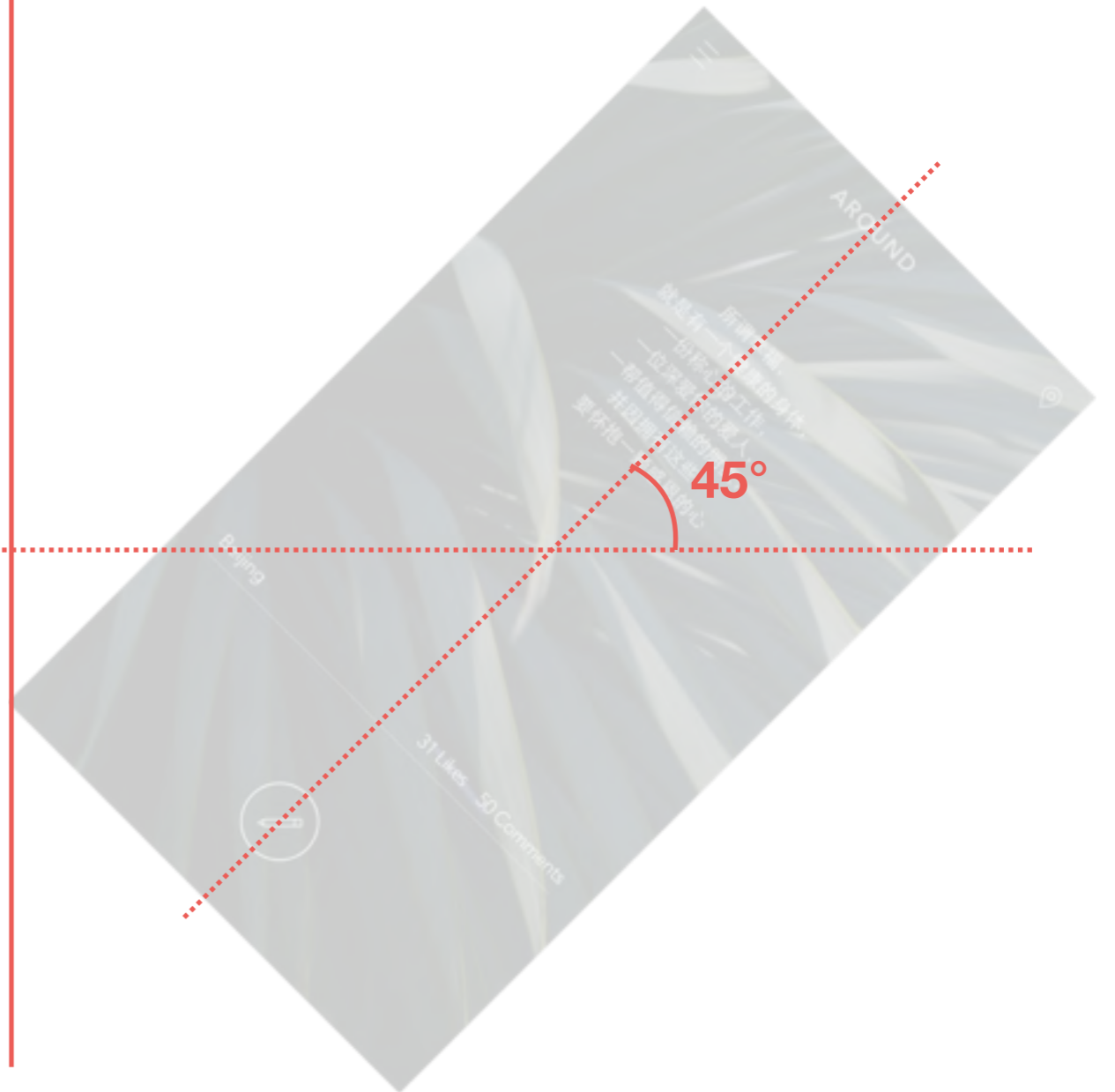
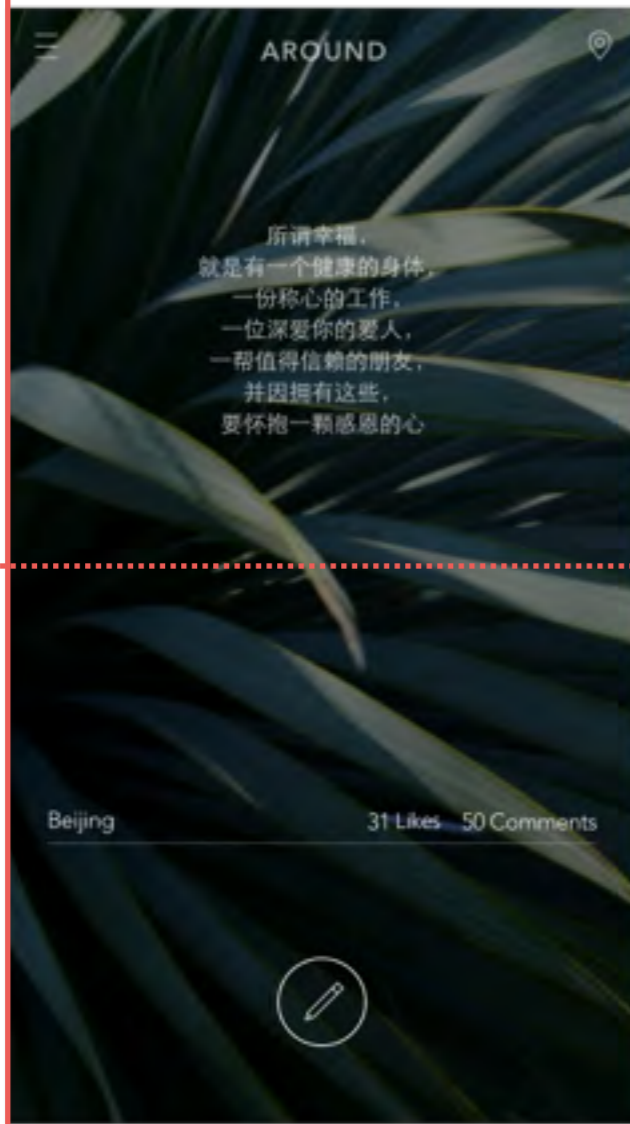
- Size : 150px
- Duration : 200

投擲卡片

Throwing Cards



More than 720px



Opacity: 100%

Opacity: 0%

Drag

- When : During
- Direction : Horizontal

Move

- Direction : Horizontal
- Ratio : 1

Rotate

- Mapping : CW
- Ratio : 0.05
- Limit
 - Min : 0
 - Max : 45

Opacity

- Mapping : More transparent
- Ratio : 0.1

Drag

- When : During
- Direction : Vertical

Move

- Direction : Vertical
- Ratio : 1

Drag

- When : End
- Direction : Horizontal

Rotate

- Direction : CW
- Degree : 45
- Duration : 200

Move

- Destination : X 720
- Duration : 200

Opacity

- Opacity : 0
- Duration : 200

夹捏

Pinch Close



34°

BEIJING

23°

SEOUL

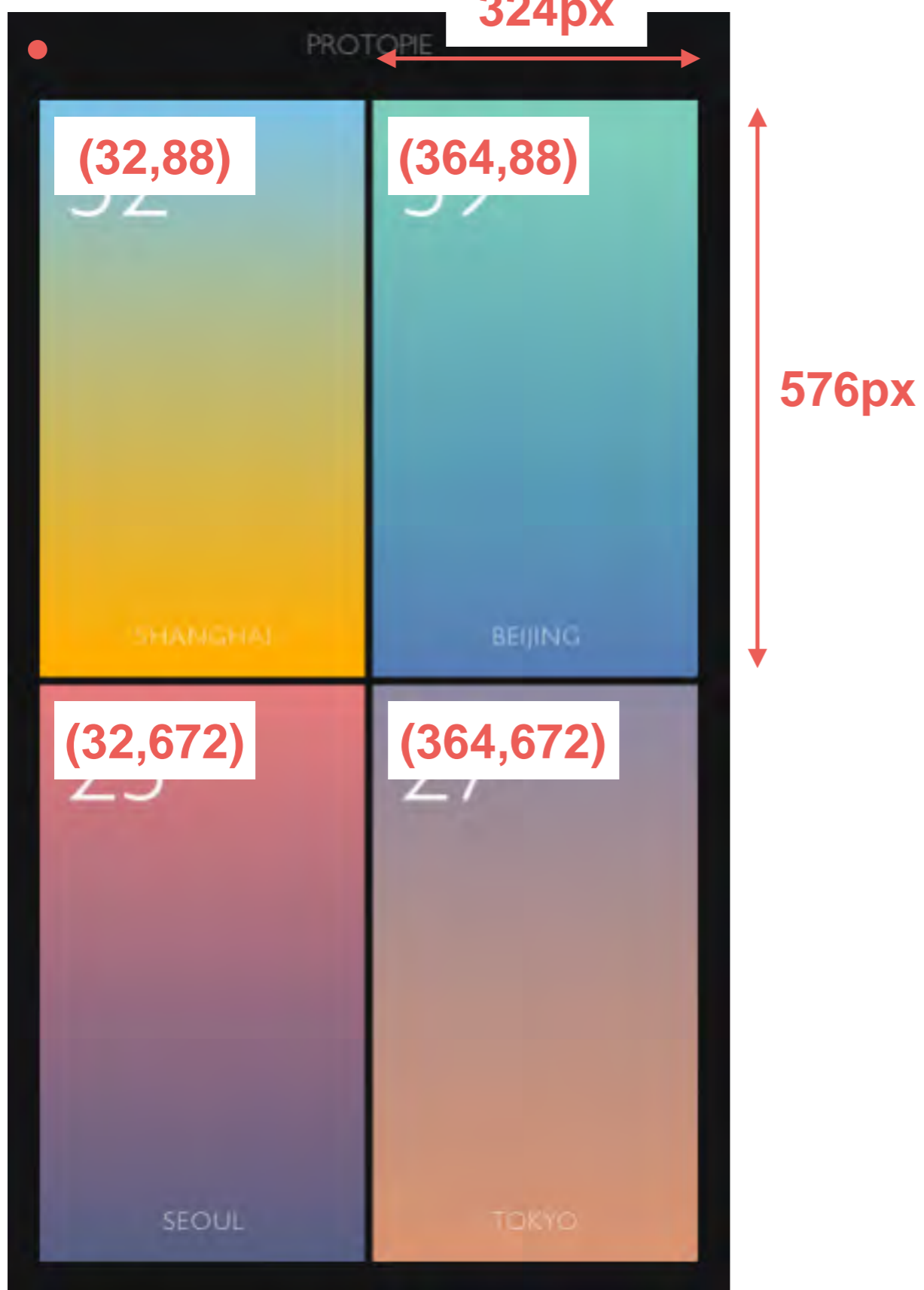
30°

SHANGHAI

16°

SAN FRANC...

Pivot (26.18,72)



Scene 1



Scene 2

Tap

- Fingers : 1

Scale

- Size : 720 X 1280
- Pivot : (26.18 , 72)
- Duration : 200

Link

- Scene : Scene 2
- Delay : 200

Pinch

- When : During

Scale

- Direction : Both
- Ratio : 1
- Pivot : (56.18 , 160)

Pinch

- When : End

Scale

- Size : 324 X 576
- Duration : 200
- Pivot : (56.18 , 160)

Opacity

- Opacity : 100 %
- Delay : 200
- Duration : 200

Link

- Scene : Scene 1
- Delay : 400

多指手势

Multi-finger gesture





(10,408)



466px

324px



Drag

- When : During
- Fingers : 1
- Direction : Free

Pinch

- When: During

Rotate

- When: During

Drag

- When : During
- Fingers : 2
- Direction : Free

Move

- Ratio : 1

Scale

- Direction: Both
- Ratio: 1

Rotate

- Mapping : CW
- Ratio : 1

Move

- Ratio : 1

谢谢!

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9月：Workshop

产品设计与创新——北京

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国际用户体验领军人才班——各地巡回

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12月：大会

2015国际产品经理大会——杭州

01月：国际考察

创新设计之旅——美国