

Dance! Draw Men

Proposal

Goals

- ✧ Introduce the beauty of technology and art to kids
- ✧ Let the children create their own art and interact with others



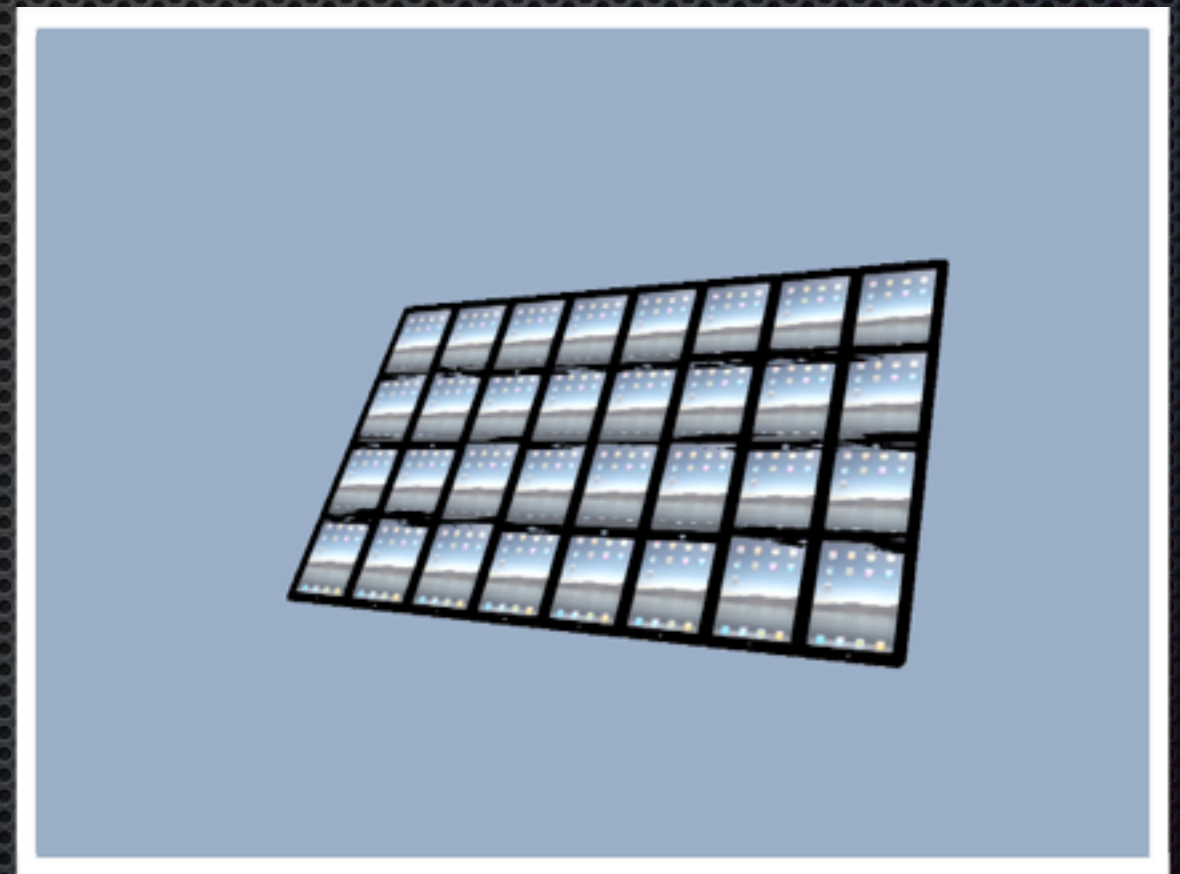
The plan

- ✧ Using regular pads to create a large portable interactive display
- ✧ Experience the art creation from alone to co-operation



The Plan

- ✦ We need 32 pads to do the activities
- ✦ Combined with music and visual art to create a totally different experience



Technique

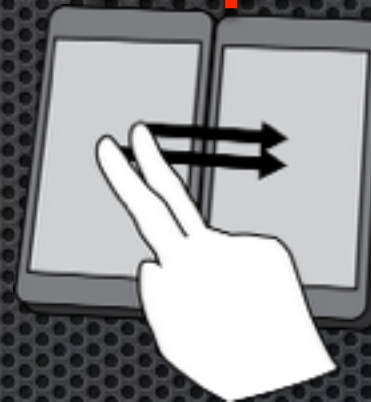
- ✧ Based on HTML5 and JavaScript
 - ✧ Cross Platform
 - ✧ Support iOS/Android
- ✧ Easy to perform the stitching of displays



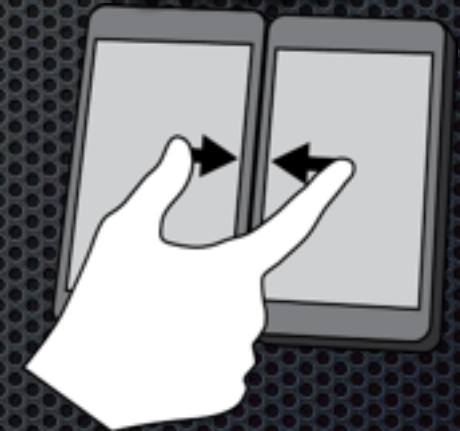
Stitching Techniques

- ✦ Using Multitouch to stitch displays
 - ✦ Regular specs of pads
 - ✦ Fast and east to operate
- ✦ Combined into a large portable interactive display
 - ✦ Multitouch gesture cross platform

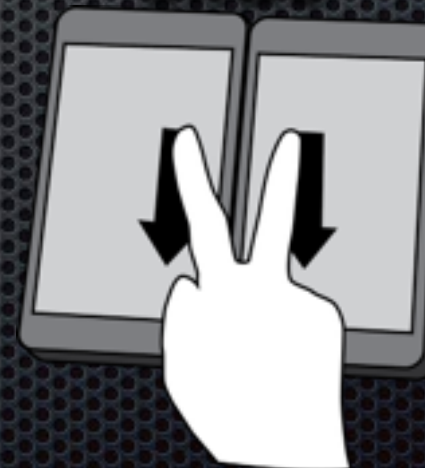
**Two fingers
swipe**



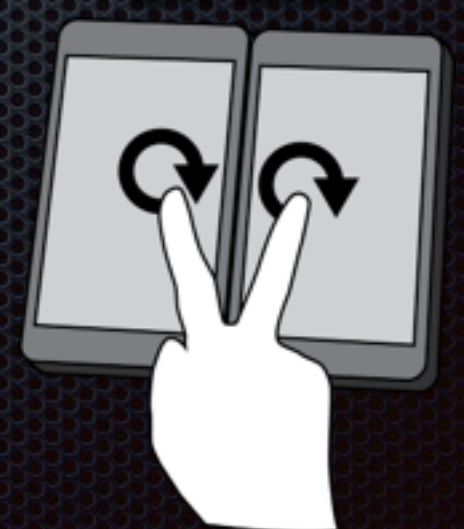
**Two fingers
stitch**



**Two fingers
slide**



**Two fingers
circle**





imMatch is a HTML5-based SDK with multi-touch technology

Fast Stitching for different multi-touch mobile devices, resolutions, and platforms.

Developing progress

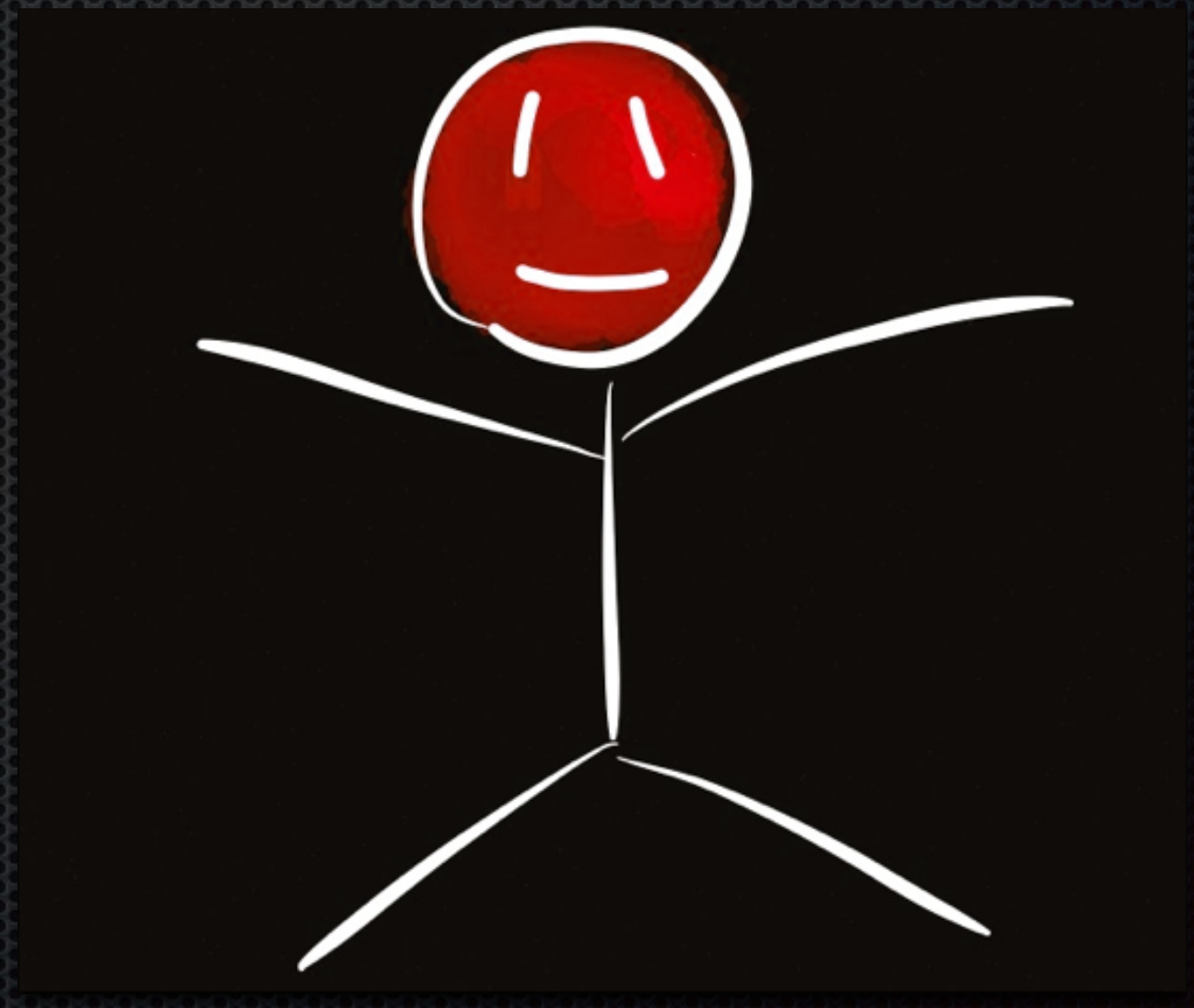
- ✦ SDK is finished
- ✦ Support artists to create an interactive visual program
- ✦ A demo game using SDK





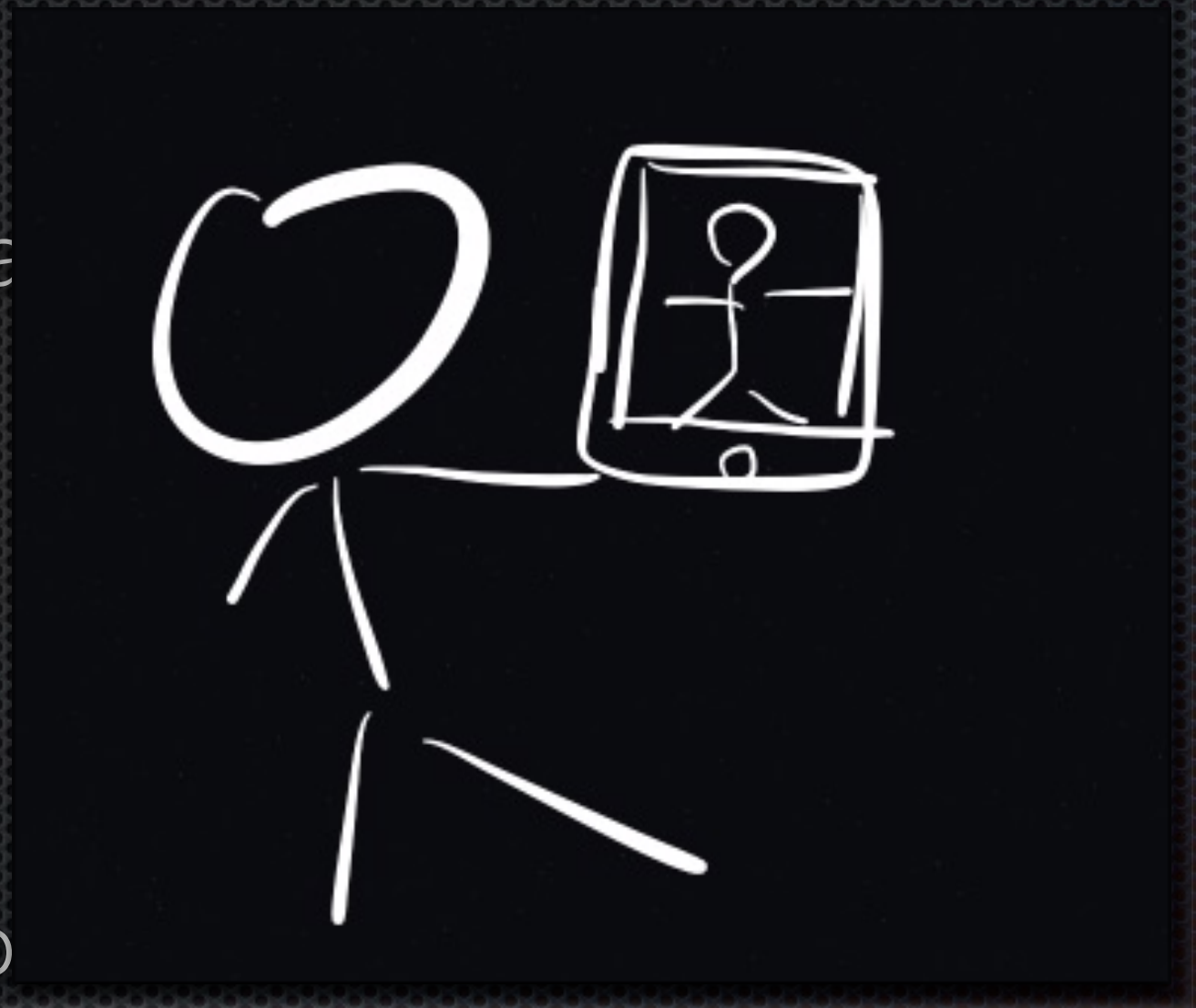
Activities

- Participants
 - 32 kids
 - 8 volunteers
- Space
 - A classroom with kids' chair
 - Black(White) board



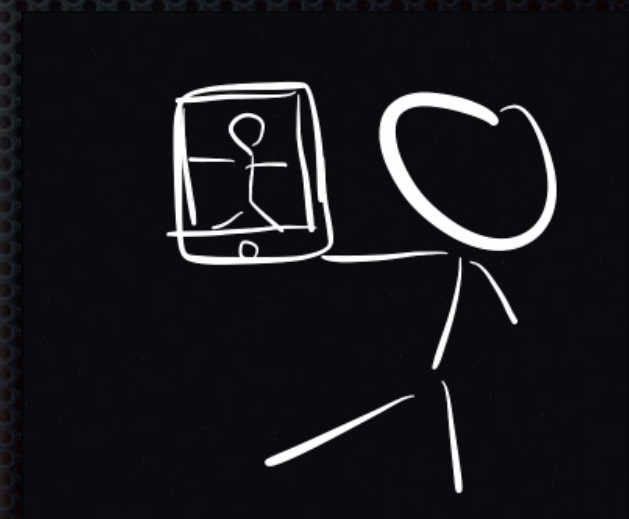
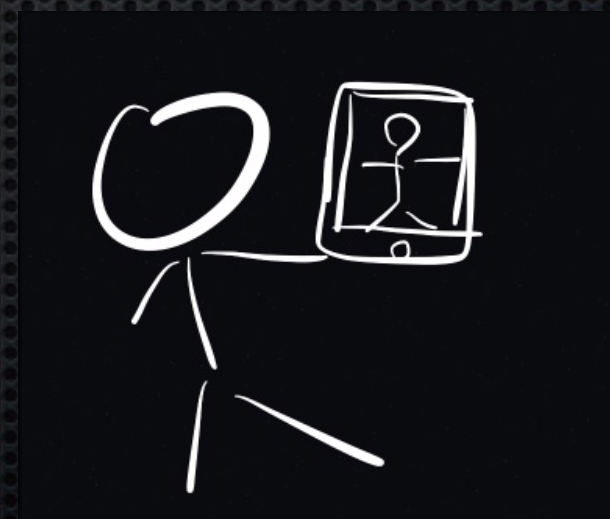
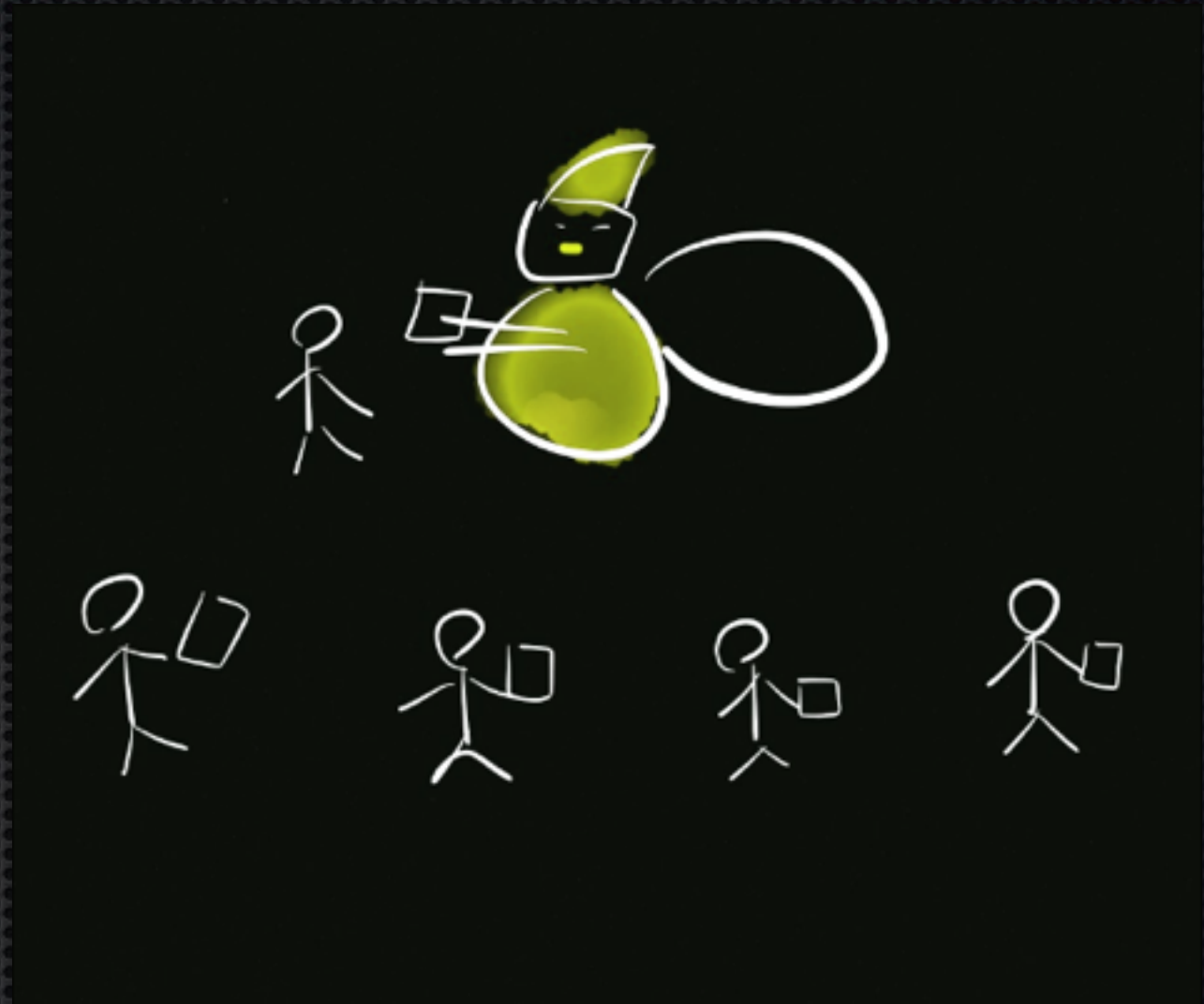
Devices

- ✧ Pads
 - ✧ according to hardware limitation
- ✧ Sound System
 - ✧ Teaching kids
 - ✧ Present the final show



Progress

- Each kid would get a pad
- Volunteer explain how to draw a man on the pad
- Start to draw



Progress

- ✦ Volunteer put all pads together on the black board (without orders)
- ✦ Using tow fingers gesture to stitch them together
- ✦ Start the music

