UI + Implimentation

Background

- **Jay Schaul**
- Designer (Interaction, UI, Brand and Illustration)
- Came to NYC for Kickstarter, then Wantful, and now freelancing for various clients and companies

- Considerations
- Flows
- Sketching
- Prototype
- Test
- Iterate
- Polish

Case study-ish: Mood Tracking

Considerations

Considerations

- What the intended function of the product
- What screens are needed to achieve that function

Flows

Flows

- Assumptions slow you down
- Use words instead of spending time drawing
- UI Flow short hand
  - Ryan Singer (http://signalvnoise.com/...)

WHAT THE USER SEES

WHAT THEY DO

→

WHAT THEY SEE NEXT

WHAT THEY DO NEXT

TO-DO LIST

CLICK "ADD AN ITEM"

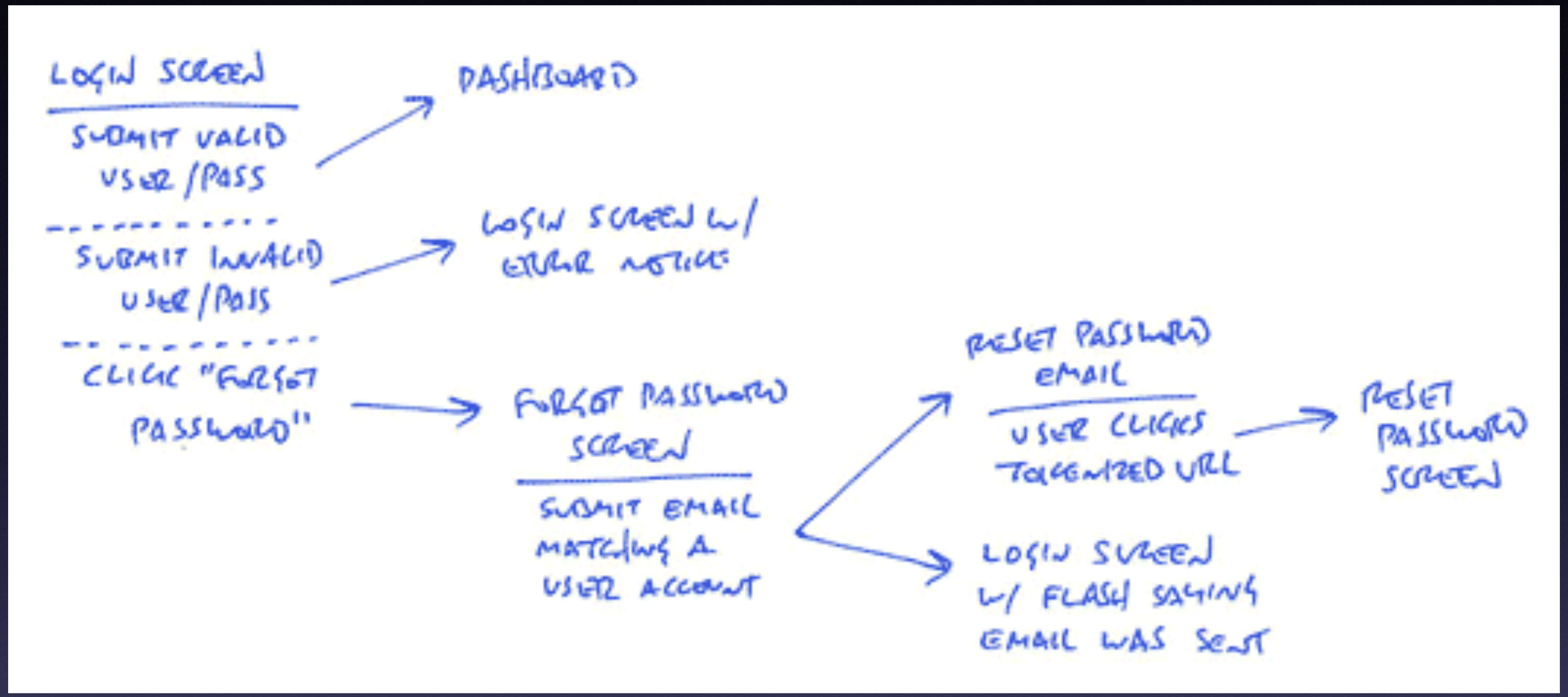
→

REPLACE "ADD" LINK W/ NEW ITEM FORM

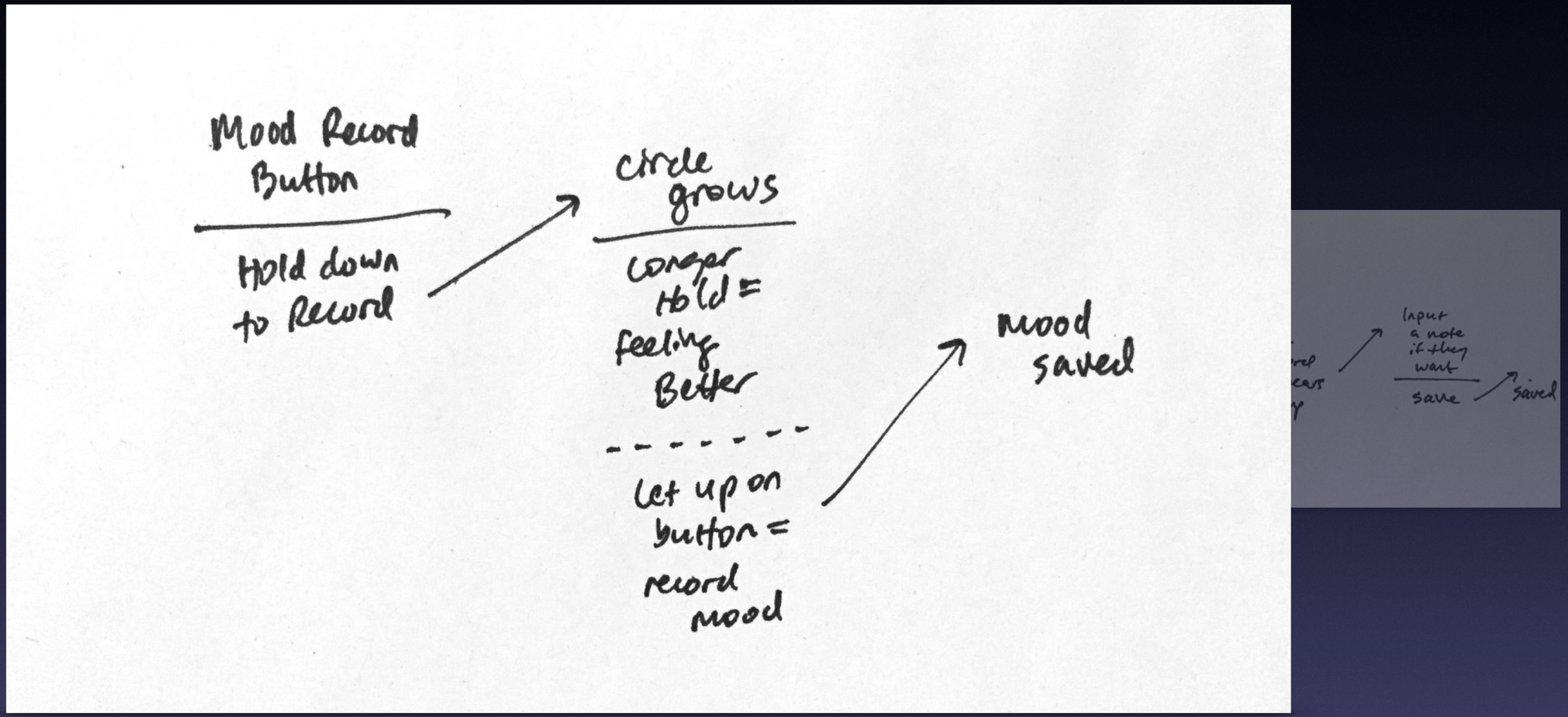
SUBMIT VALID PARAMS

→

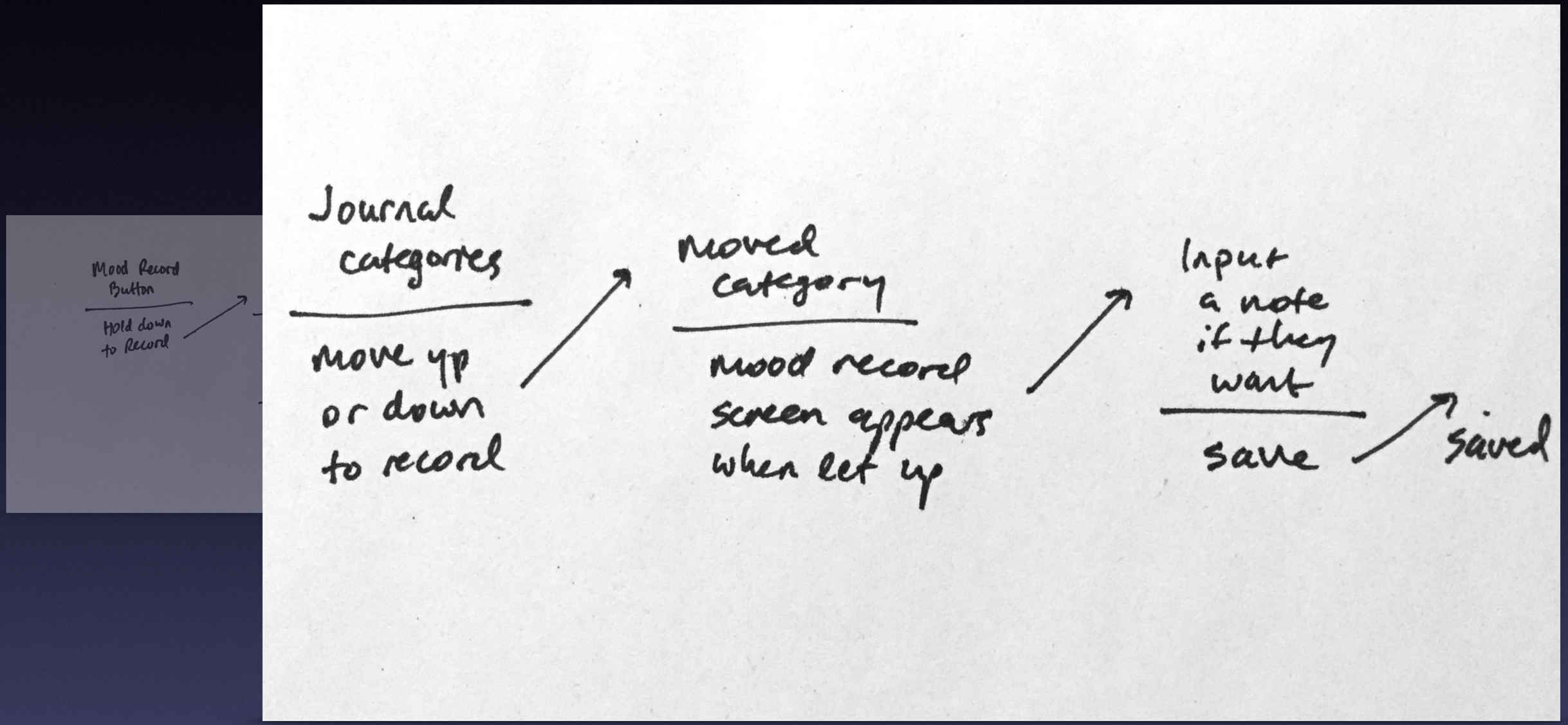
YELLOW FADE THE NEW ITEM AND KEEP THE FORM OPEN


LOGIN SCREEN
SUBMIT VALID USER/PASS
DASHBOARD
SUBMIT INVALID USER/PASS
LOGIN SCREEN W/ ERROR NOTICE
CLICK "FORGOT PASSWORD"
FORGOT PASSWORD SCREEN
SUBMIT EMAIL MATCHING A USER ACCOUNT
RESET PASSWORD EMAIL
USER CLICKS TOKENIZED URL
RESET PASSWORD SCREEN
LOGIN SCREEN W/ FLASH SAYING EMAIL WAS SENT

Mood Tracking



Mood Tracking



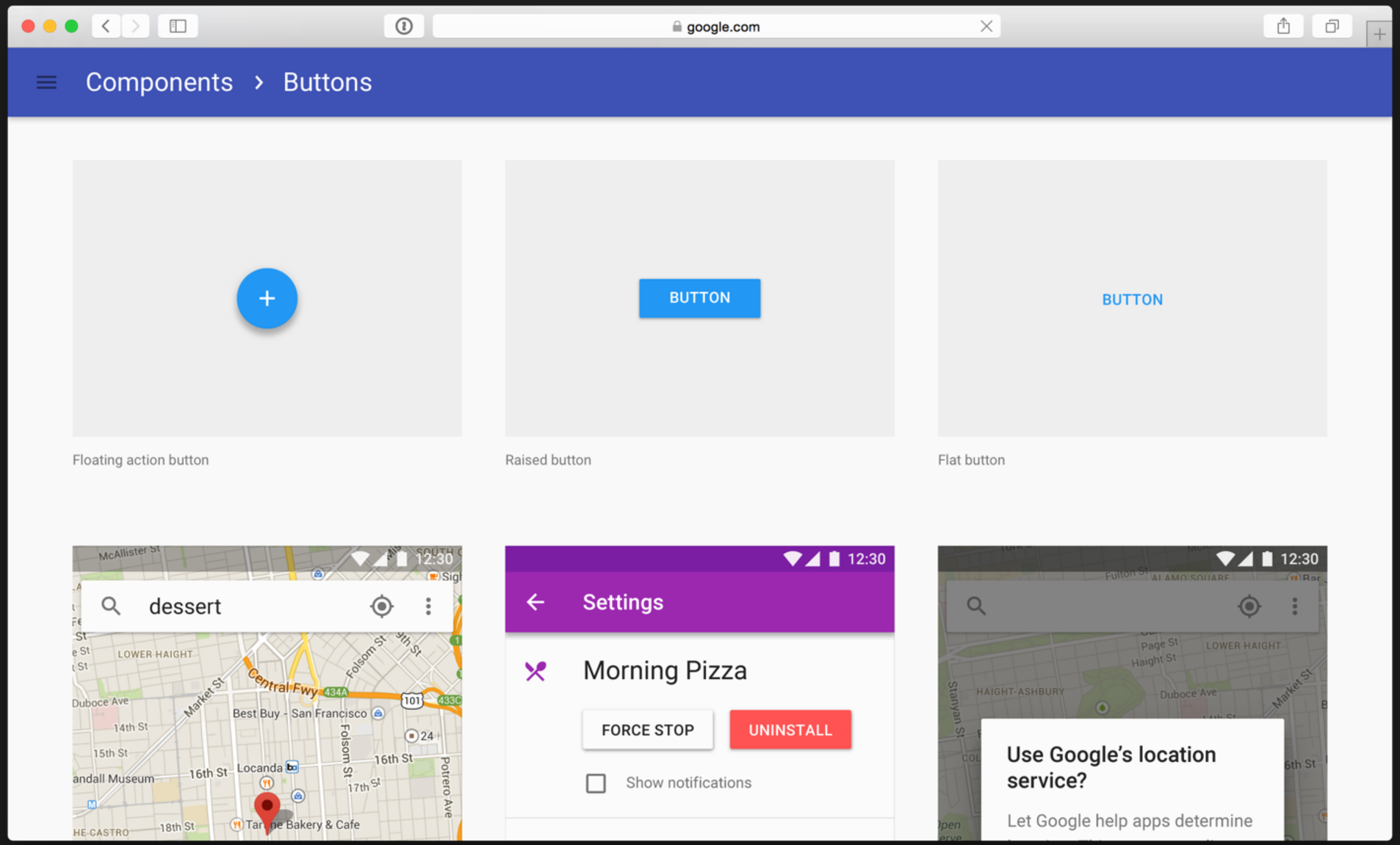
Sketching

Sketching

- You don’t have to reinvent the wheel
- Use your word map of flows as a guide to sketch screens
- Draw what the user sees

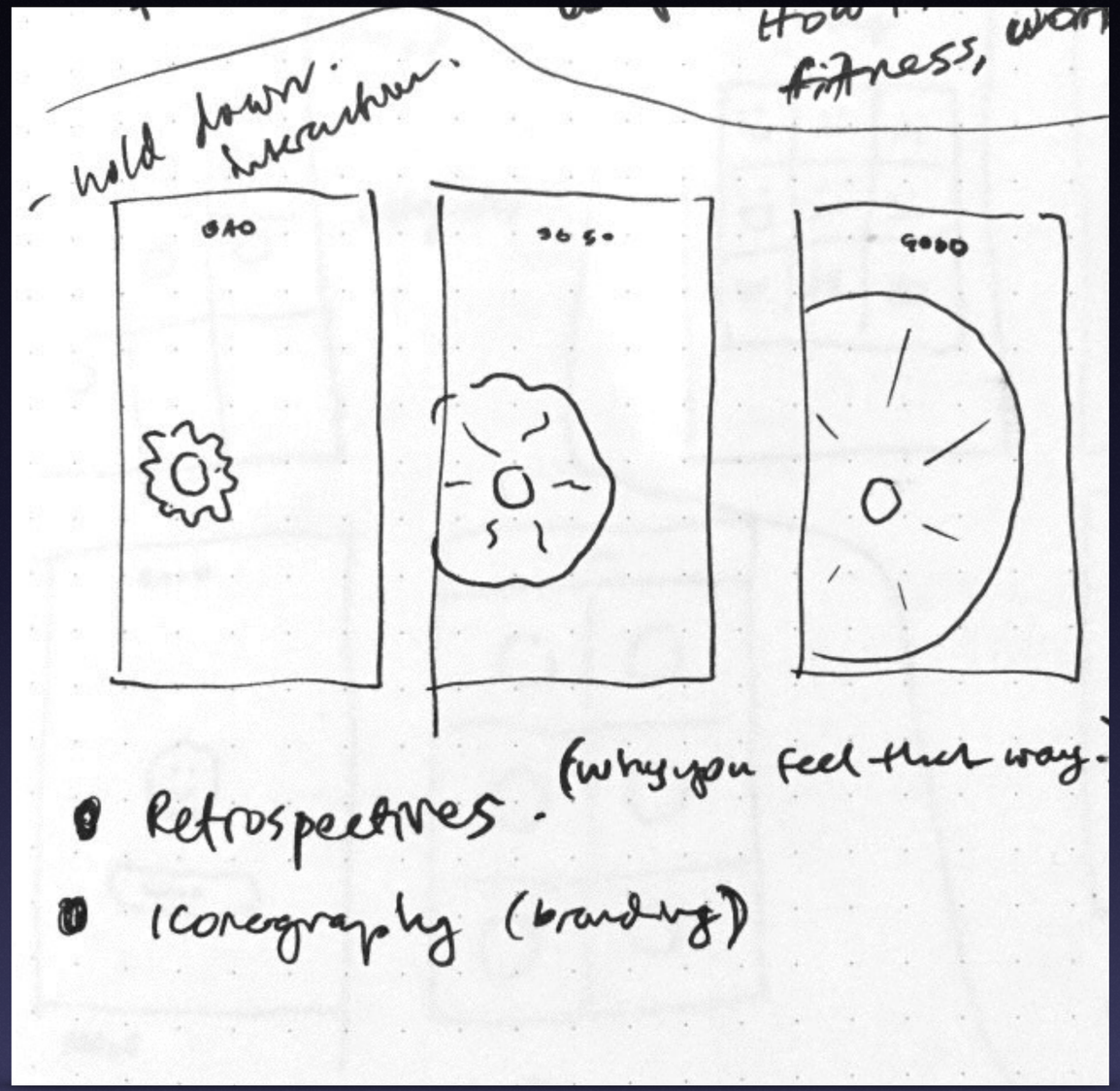
You don’t have to reinvent the wheel

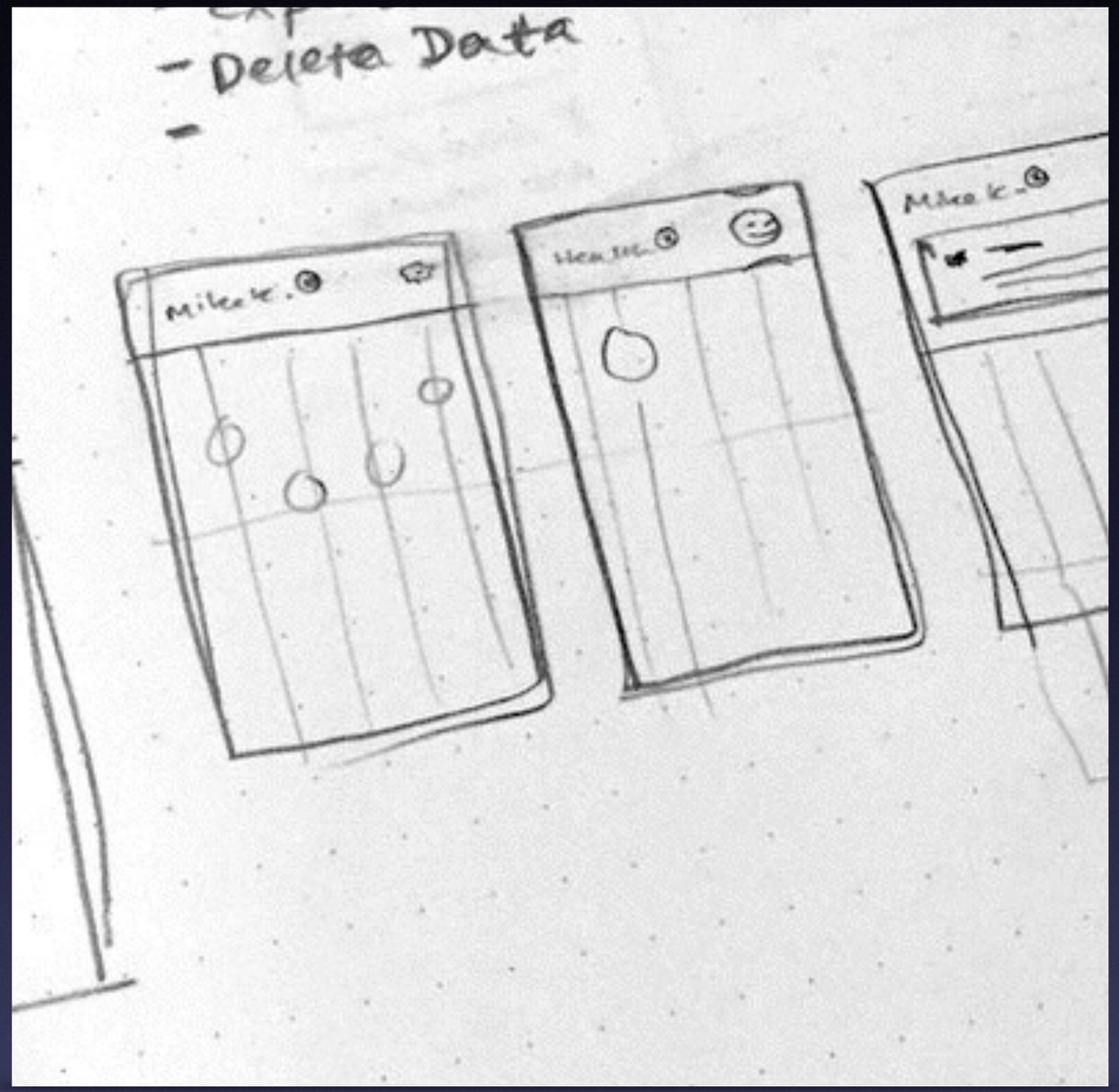
Use existing patterns where you can



Google Material Design Guidelines

Mood Tracking





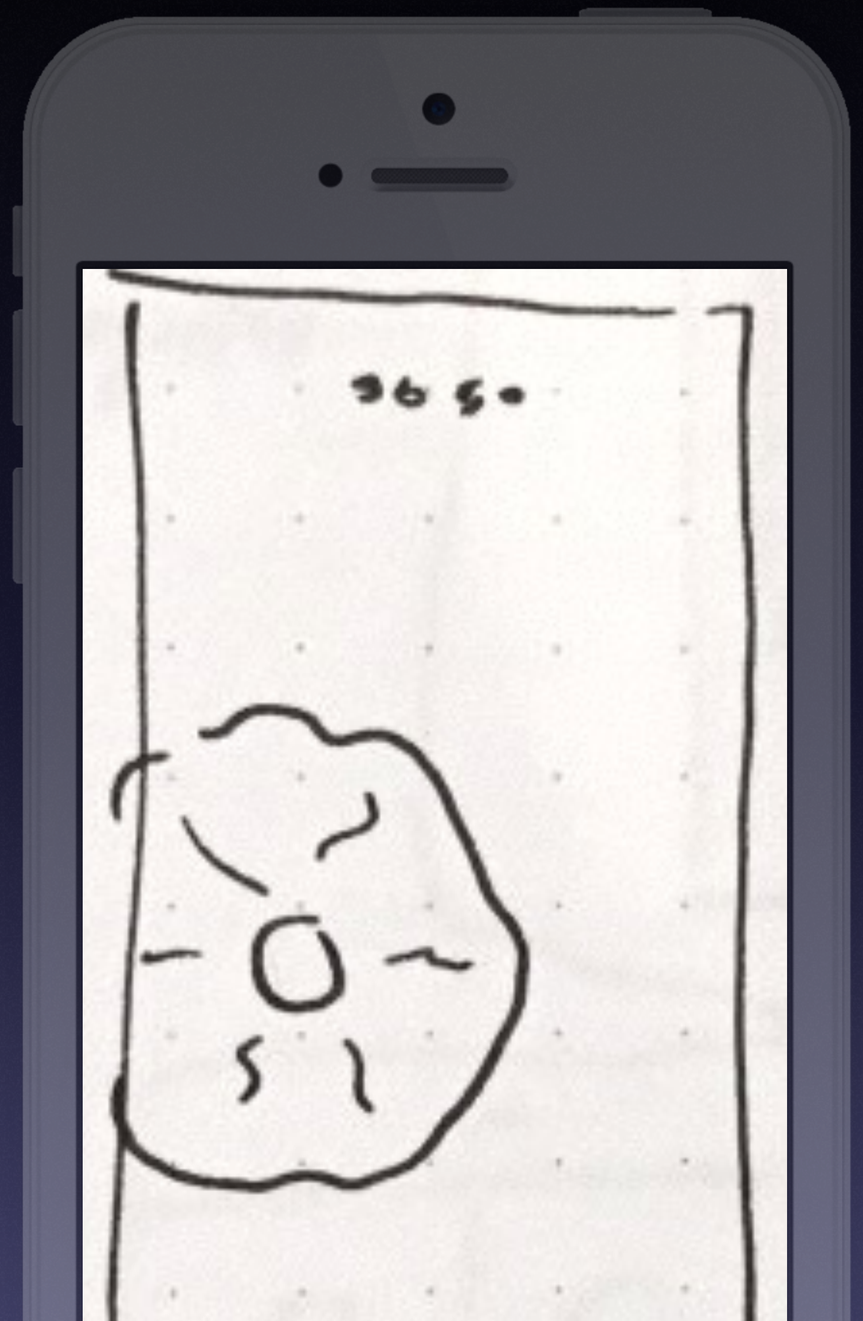
Prototyping

Prototyping

- Spend little engineering time
- Connect screens
- Feel it out, find holes in the experience early on

Connect screens

Use photos of sketches



Marvel

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Unlimited Projects	Unlimited Projects	Unlimited Projects	Unlimited Projects
Commenting on 3 projects	Commenting on unlimited projects	Commenting on unlimited projects	Commenting on unlimited projects
	Invite team members to projects	Invite team members to projects	Invite team members to projects
	5 Android .apk builds per month	5 Android .apk builds per month	15 Android .apk builds per month
	Download prototypes as ZIP/PDF	Download prototypes as ZIP/PDF	Download prototypes as ZIP/PDF

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FREE

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No limits on time

Unlimited Projects

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Unlimited Projects

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5 Android .apk builds per month

Download prototypes as

TEAM

$ 55

For 5 users, per mon

Unlimited Project

Commenting on unlim projects

Invite team member projects

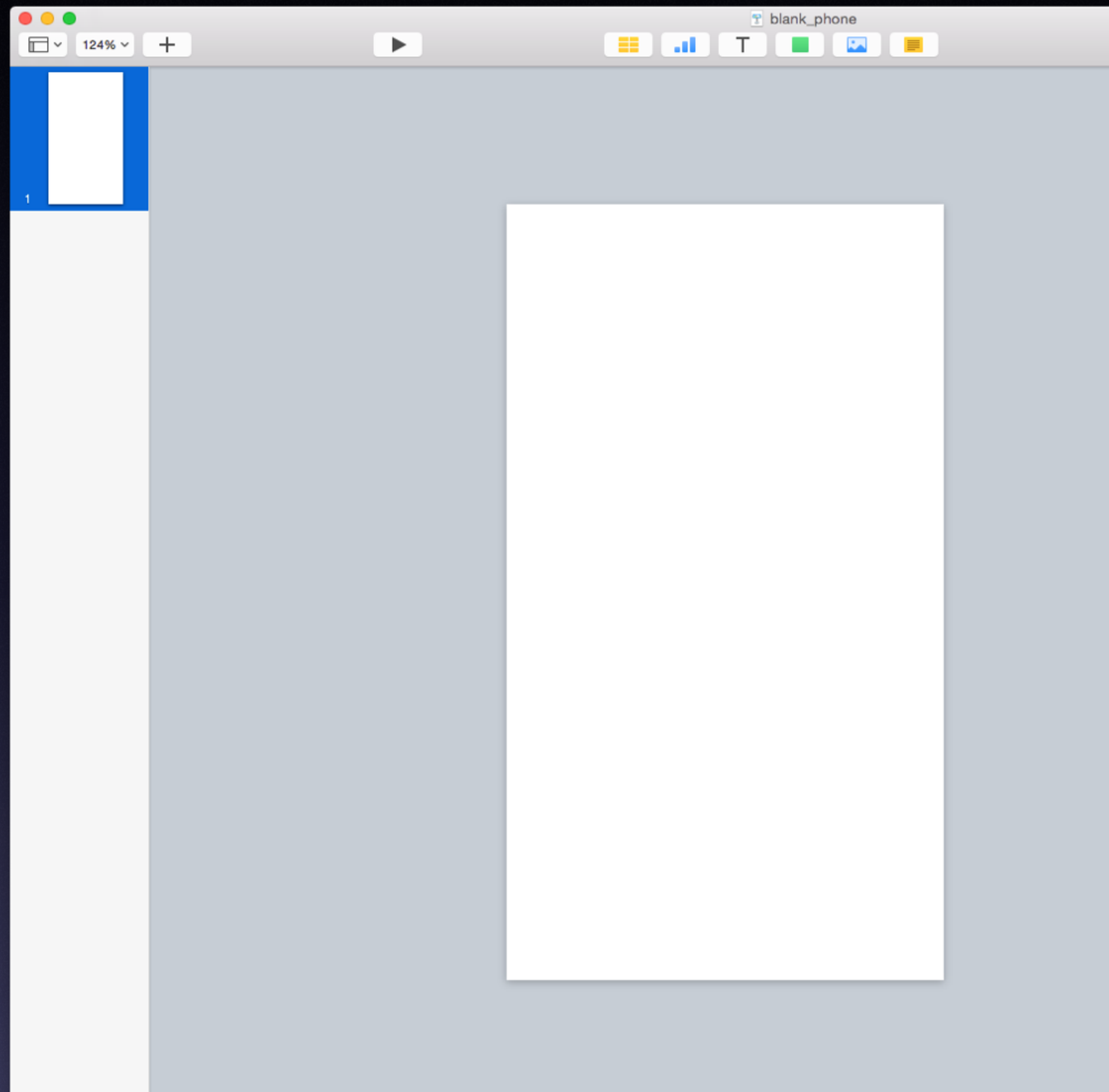
5 Android .apk builds month

Download prototype

Photos of sketches

- Upsides:
  - No extra time on the computer
  - Make something linked together in seconds
- Downsides:
  - Needs to be fairly clean/clear drawings

Create digital screens



Digital screens

- By drawing before you've elimited most of the work
- Can make it look great, and real

KEYNOTE
Infinite Loop
Mariani Ave
De Anza Blvd
Tantau Ave
Valley Green Dr

Keynotopia

UI building blocks for use in Keynote

keynotopia.com

Keynotopia

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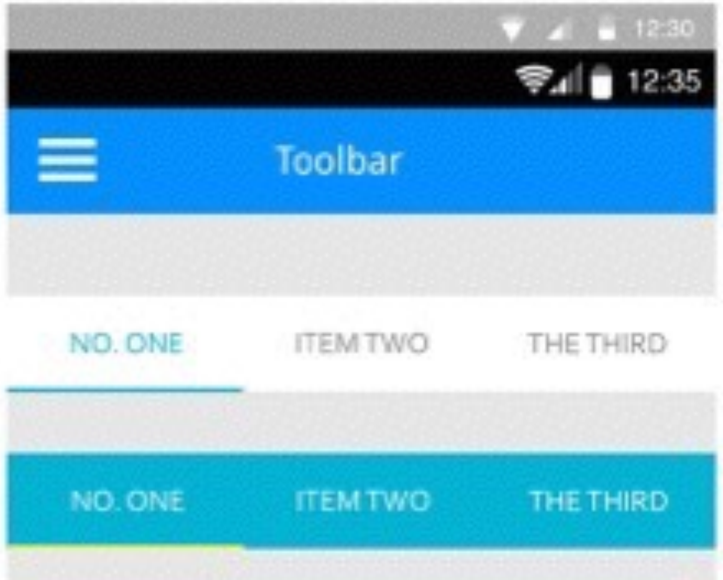
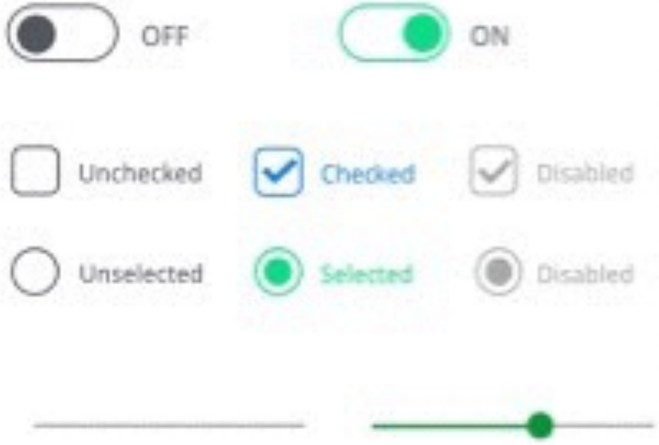
Android Templates V4.1

Create wireframes and high fidelity prototypes for Android apps using Apple Keynote or Microsoft PowerPoint. All elements are designed from scratch in Keynote and PowerPoint (no images!) and are fully customizable and editable without needing additional tools. [New] Use hundreds of royalty free vector icons in your prototypes and final app (yes, these were also created in Keynote and PowerPoint!)

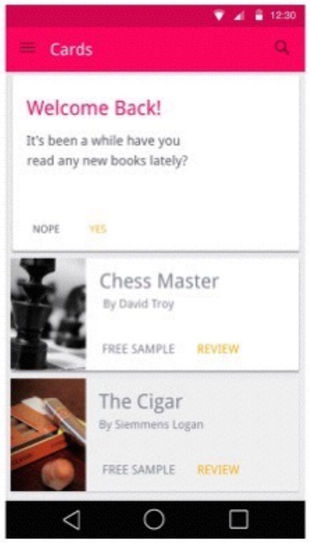
What's included

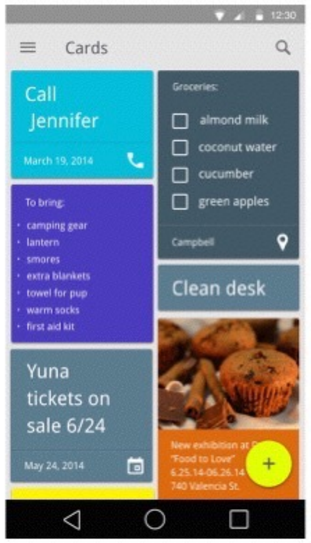
Android L Material Design Kit





Help





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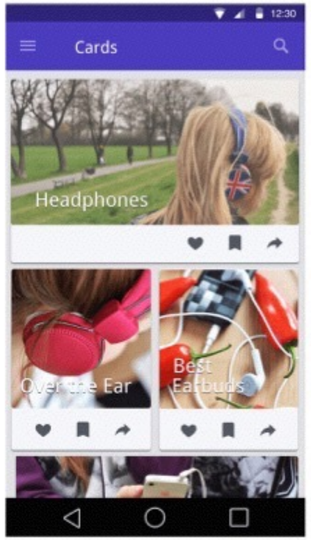

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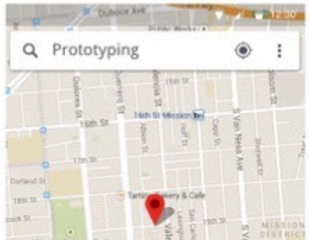
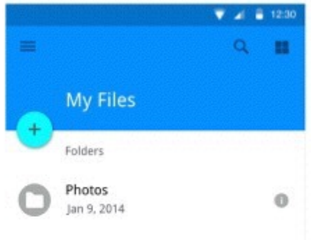
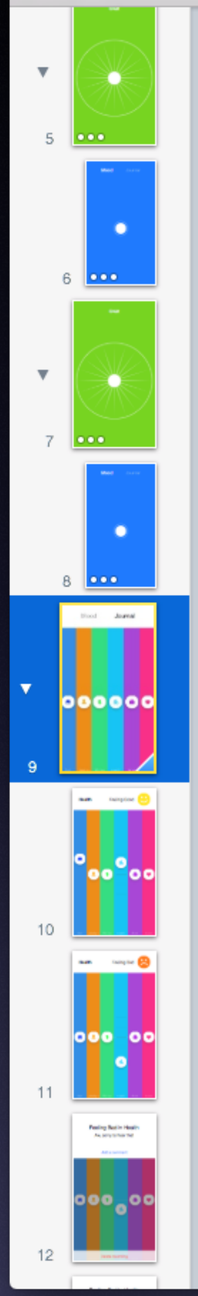




Help

Untitled (mood_journal copy) — Edited

124%



Document | Audio

Theme
White
Change Theme

Slideshow Settings

- [ ] Automatically play upon open
- [ ] Loop slideshow
  Press 'Esc' key to exit
- [ ] Restart show if idle for
  15 m

Presentation Type

Normal

Delay: 5.0 s Transitions | 2.0 s Builds

Slide Size

Custom (320 x 568)

- [ ] Require password to open

Change Password...

Feel your screens

Flinto

Tappable screens, linked together

flinto.com

Keynote File Edit Insert Slide Format Arrange View Play Share Window Help

- New... ⌘N
- Open... ⌘O
- Open Recent ▶
- Close ⌘W
- Save ⌘S
- Duplicate ⇧⌘S
- Rename...
- Move To...
- Revert To ▶
- Export To ▶
  - PDF...
  - PowerPoint...
  - QuickTime...
  - HTML...
  - Images...
  - Keynote '09...
- Advanced ▶
- Set Password...
- Change Theme...
- Save Theme...
- Print... ⌘P

mood_journal — Edited

Mood Journal

Hold down to record your mood

Document | Audio

Theme
White
Change Theme

Slideshow Settings

- [ ] Automatically play upon open
- [ ] Loop slideshow
  Press 'Esc' key to exit
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Presentation Type

Normal

Delay: 5.0 s — Transitions
2.0 — Builds

Slide Size

Custom (320 x 568)

- [ ] Require password to open

Change Password...

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HAID Copy
iPhone

Settings (,)
Preview (p)
Share & Install (s)
Add Screens (a)
Add From Dropbox

Zoom

FLINTO

Jay Schaul | Prototypes

Search

fonts

- mood_journal.001.png
- mood_journal.002.png
- mood_journal.003.png
- mood_journal.004.png
- mood_journal.005.png
- mood_journal.006.png
- mood_journal.007.png
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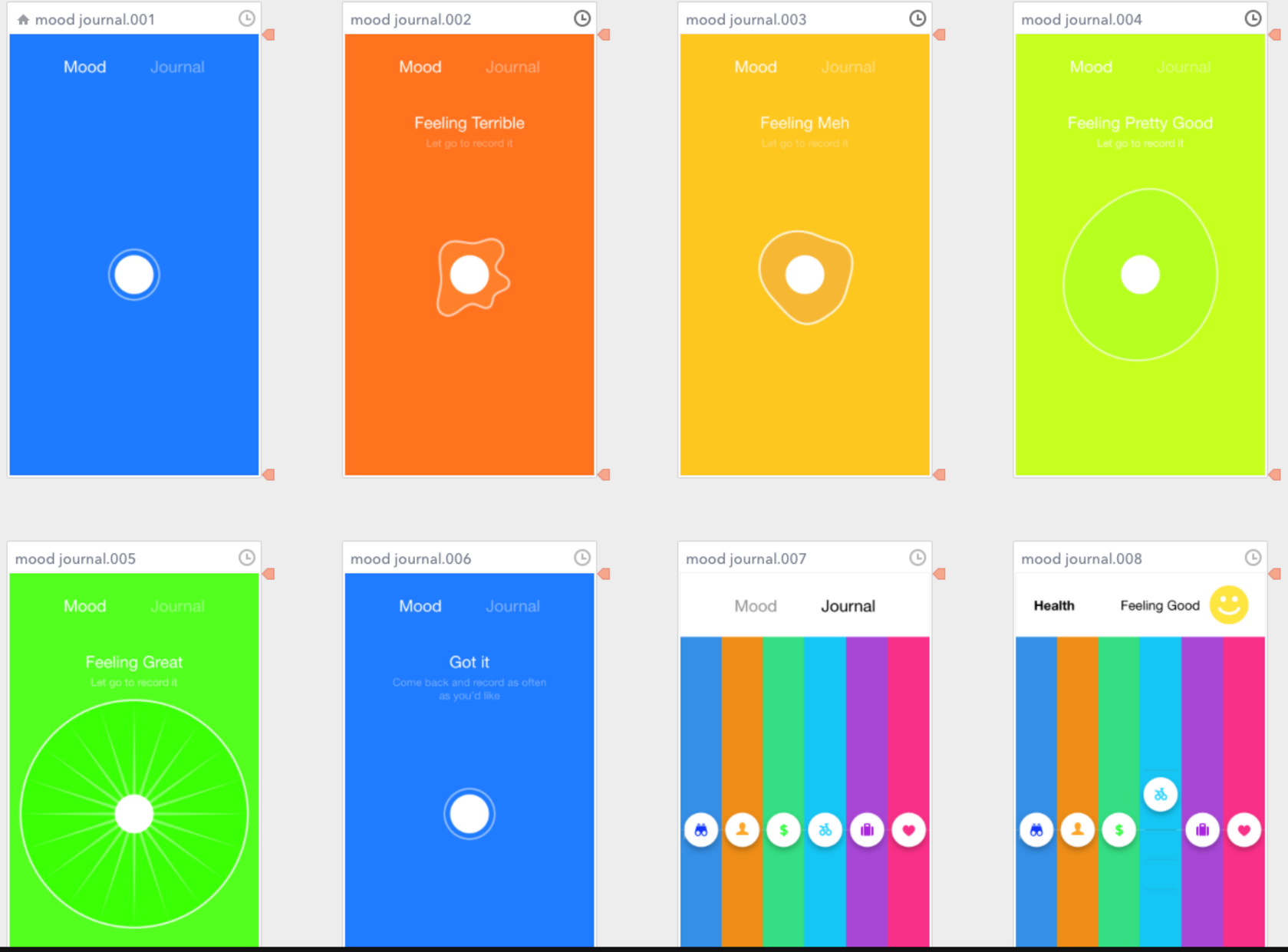
- mood_journal.010.png
- mood_journal.011.png
- mood_journal.012.png



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HAID Copy
iPhone

Settings (,)
Preview (p)
Share & Install (s)
Add Screens (a)
Add From Dropbox

Zoom

Link Delete
Target: mood journal.002

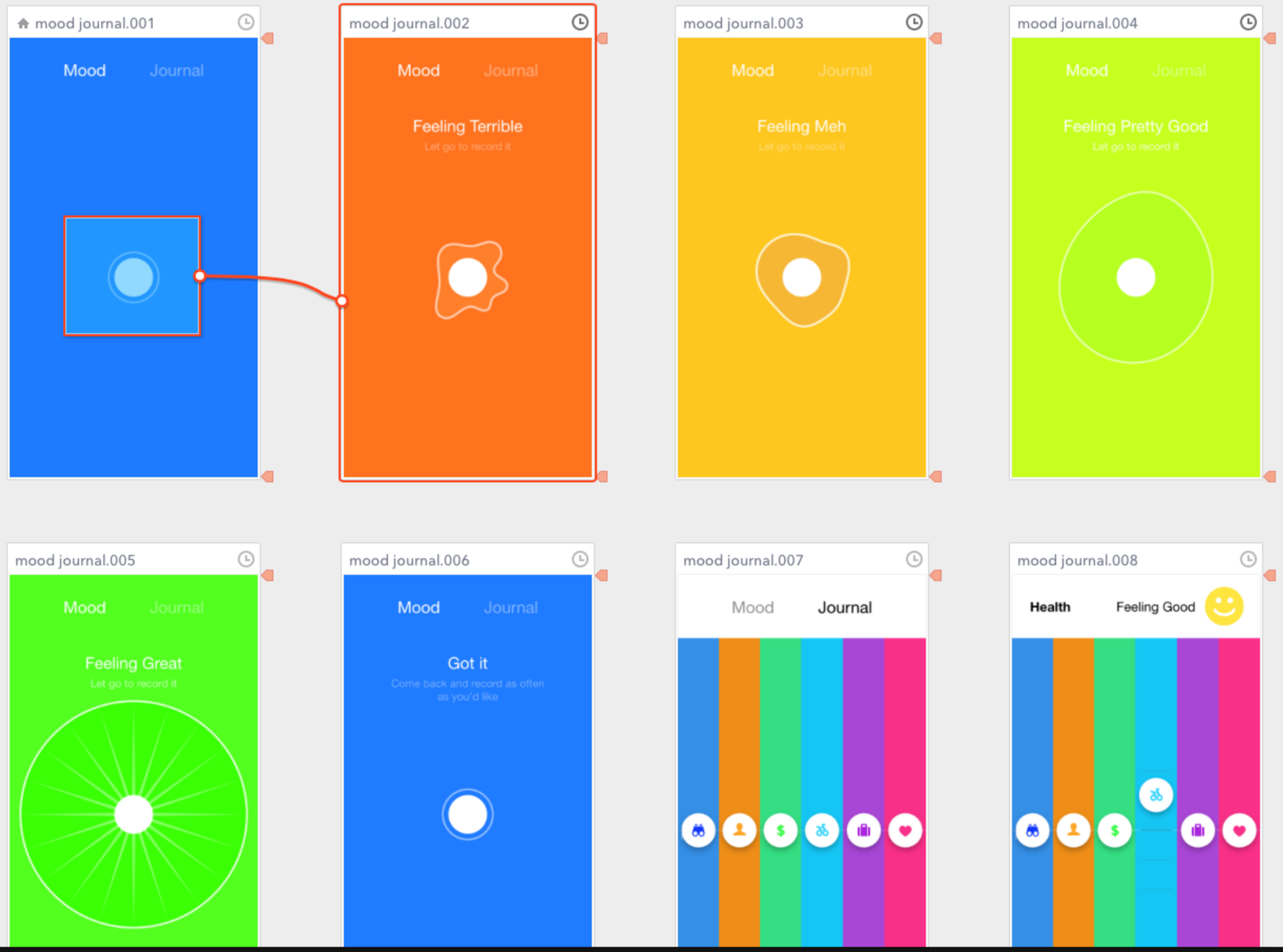
Link Back (b)
Ignore History (i)

Transitions
None | Dissolve
Push Left | Push Right
Slide Up | Slide Down
Flip Left | Flip Right

Press 't' to cycle through.

FLINTO

Jay Schaul | Prototypes



Test

Test

- Use potential users, friends or colleagues
- Give some background
- Ask them to complete your task
- Watch them use it
- Ask what was working and what wasn’t

Iterate

Iterate

- Apply the feedback from your testing
- Freely make changes
- Update your Flinto prototype
- Test again

2015.02.17_HAID_joint — Edited

100%

1

3

4

5

6

9:41 AM 42%

Happy

Slide Layout

Title & Subtitle

Change Master

Appearance

Title

Body

Slide Number

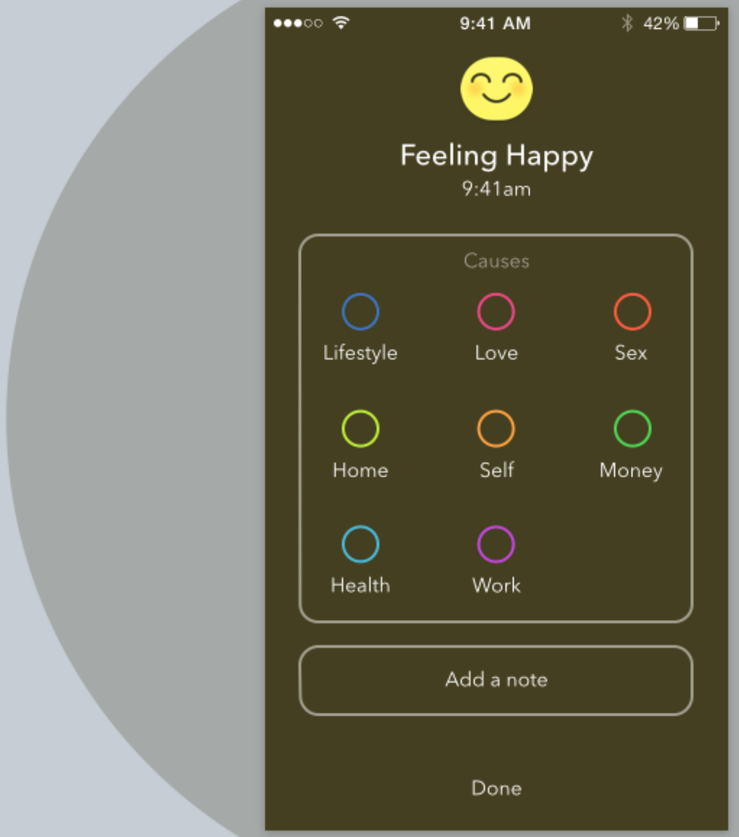
Background

Color Fill

Edit Master Slide

2015.02.17_HAID_joint — Edited

100%



Slide Layout

Title & Subtitle

Change Master

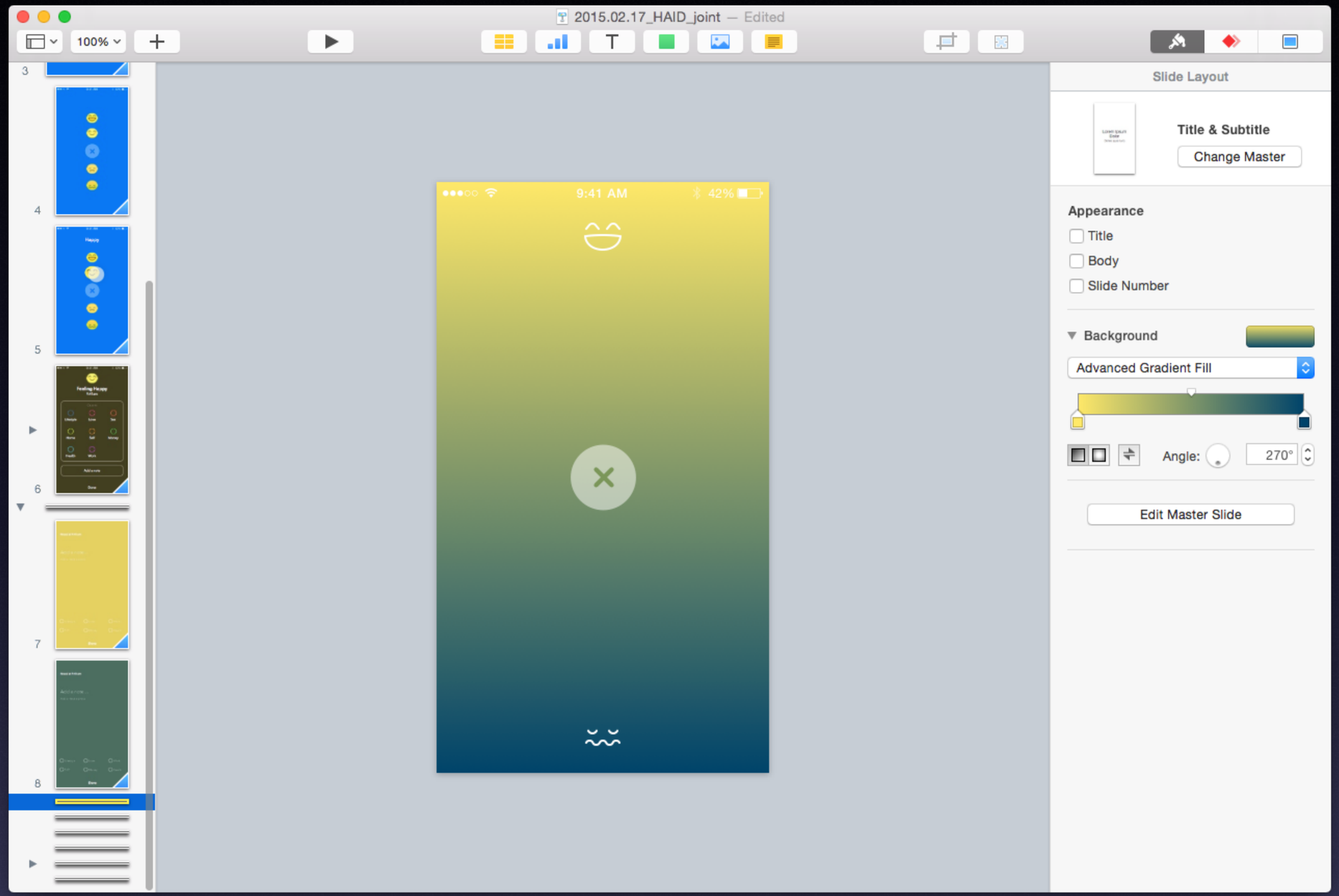
Appearance

- Title
- Body
- Slide Number

Background

Color Fill

Edit Master Slide


2015.02.17_HAID_joint — Edited
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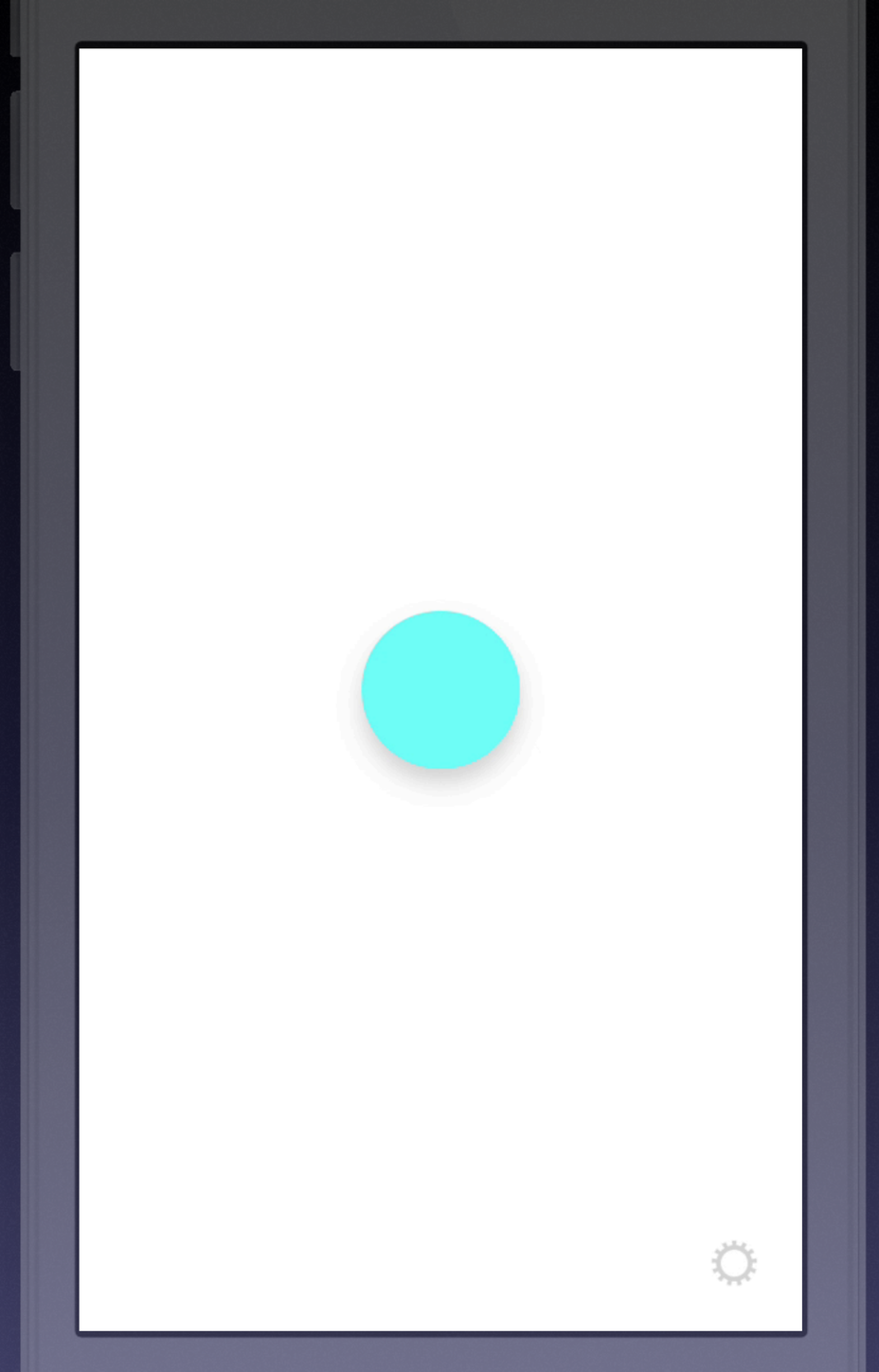
Slide Layout
Title & Subtitle
Change Master
Appearance
Title
Body
Slide Number
Background
Advanced Gradient Fill
Angle:
270°
Edit Master Slide



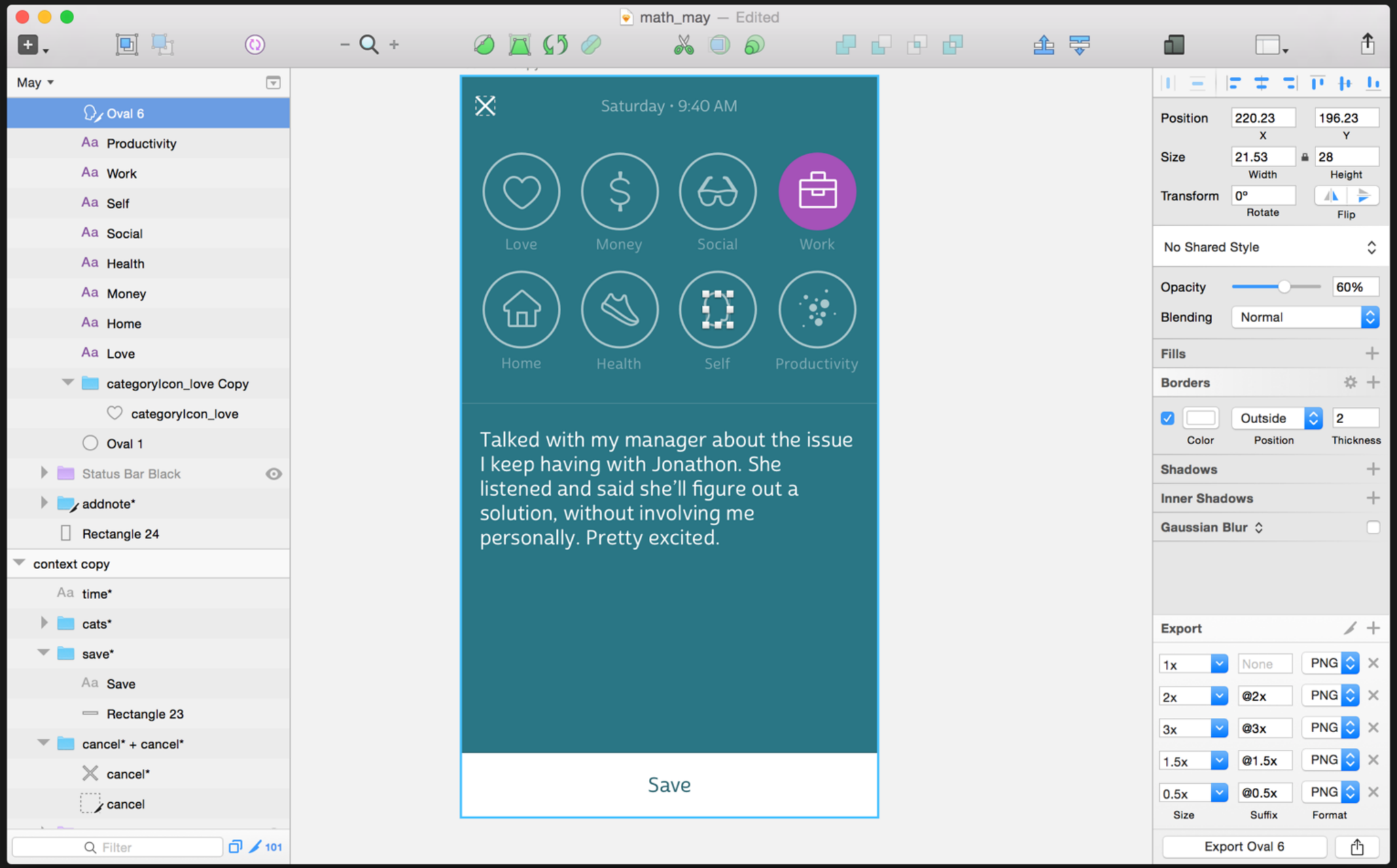
Polish

Polish

- Tighten the layout of your screens
- Don’t build and run over and over
- Get sizes and layout spacing feeling great

Sketch

Create UI and easily export assets
bohemiancoding.com/sketch


math_may — Edited
May
Oval 6
Productivity
Work
Self
Social
Health
Money
Home
Love
categoryIcon_love Copy
categoryIcon_love
Oval 1
Status Bar Black
addnote*
Rectangle 24
context copy
time*
cats*
save*
Save
Rectangle 23
cancel* + cancel*
cancel*
cancel
Filter
101
Saturday · 9:40 AM
Love
Money
Social
Work
Home
Health
Self
Productivity
Talked with my manager about the issue I keep having with Jonathon. She listened and said she'll figure out a solution, without involving me personally. Pretty excited.
Save
Position
220.23
196.23
X
Y
Size
21.53
28
Width
Height
Transform
0°
Rotate
Flip
No Shared Style
Opacity
60%
Blending
Normal
Fills
Borders
Outside
2
Color
Position
Thickness
Shadows
Inner Shadows
Gaussian Blur
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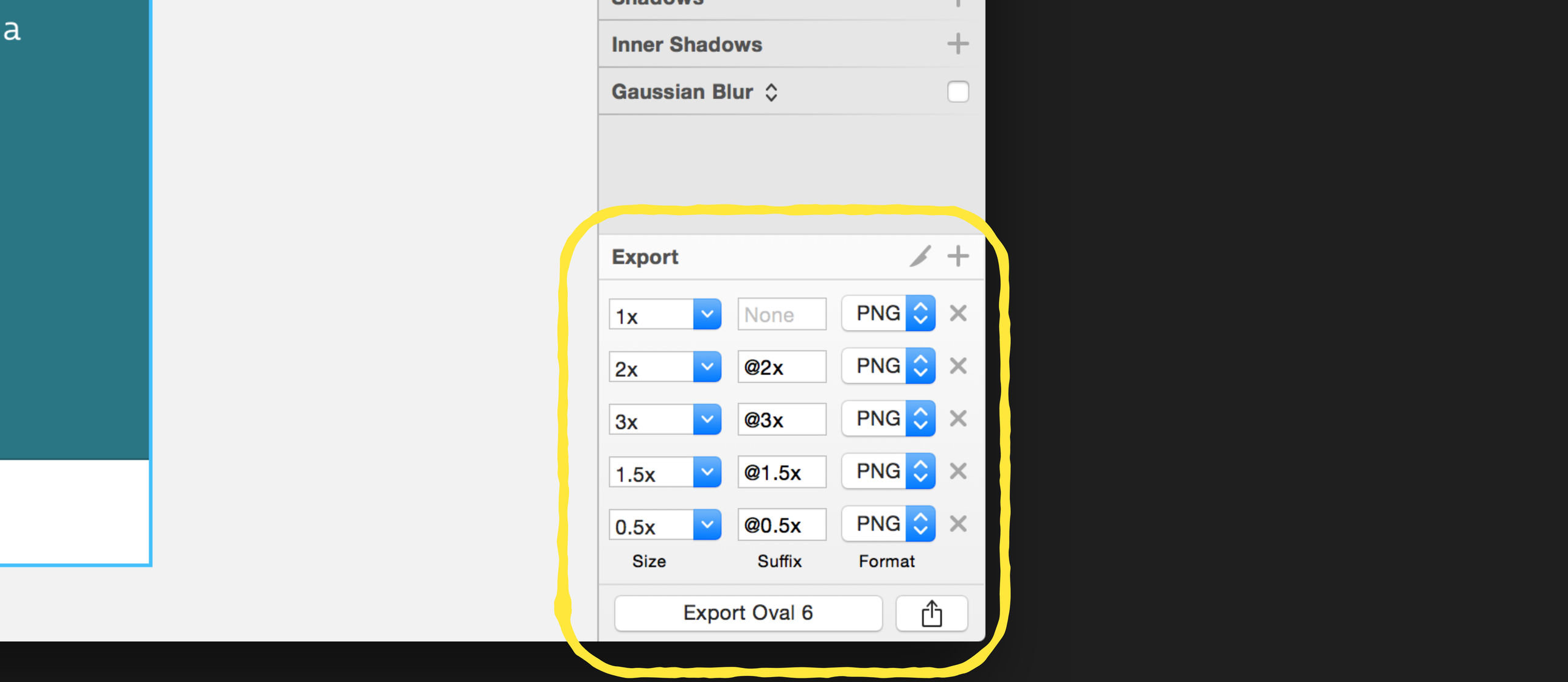
Export Oval 6


Inner Shadows
Gaussian Blur
Export
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@2x
PNG
3x
@3x
PNG
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@1.5x
PNG
0.5x
@0.5x
PNG
Size
Suffix
Format
Export Oval 6

- Considerations
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Questions