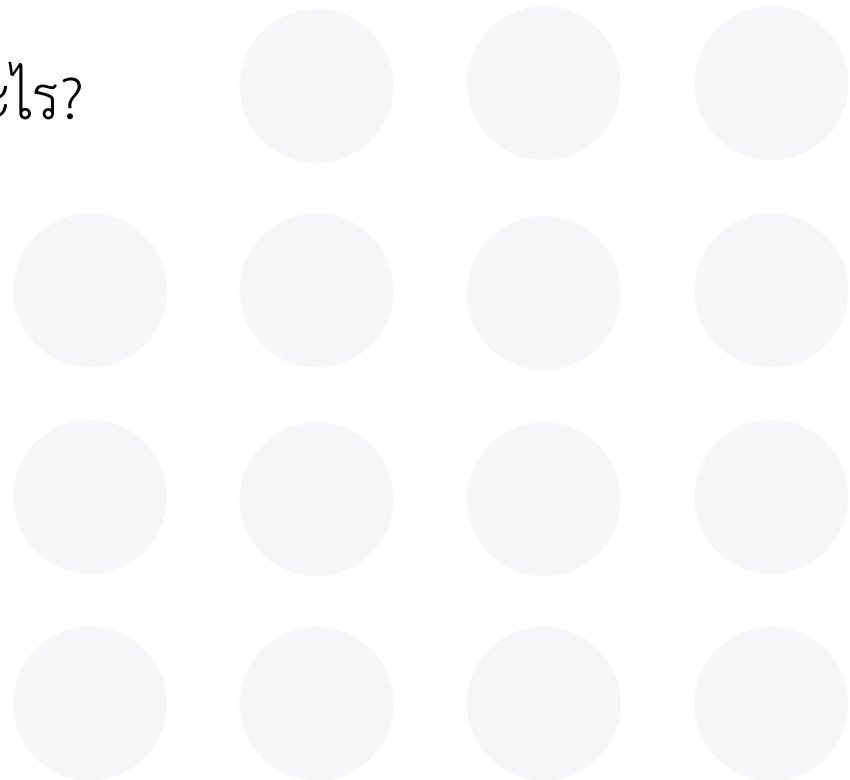# COMPUTER ENGINEERING

CHIANG MAI UNIVERSITY

UI คืออะไร?
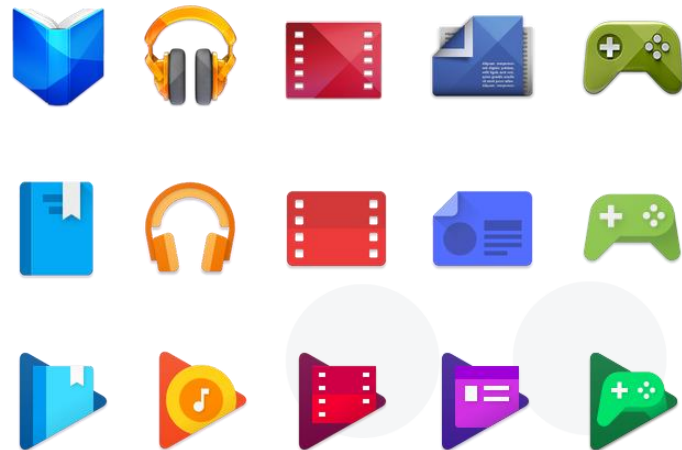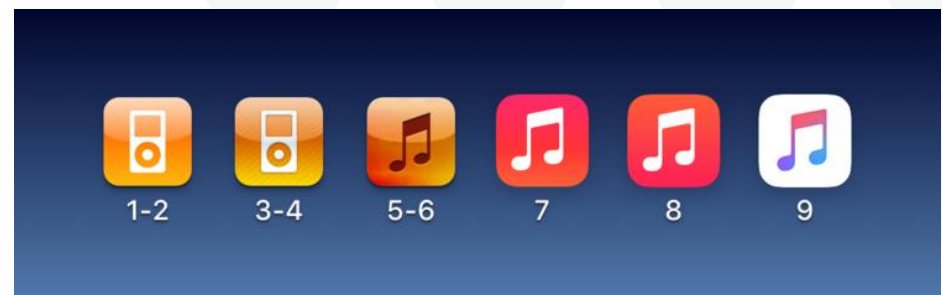
Evolution of Style

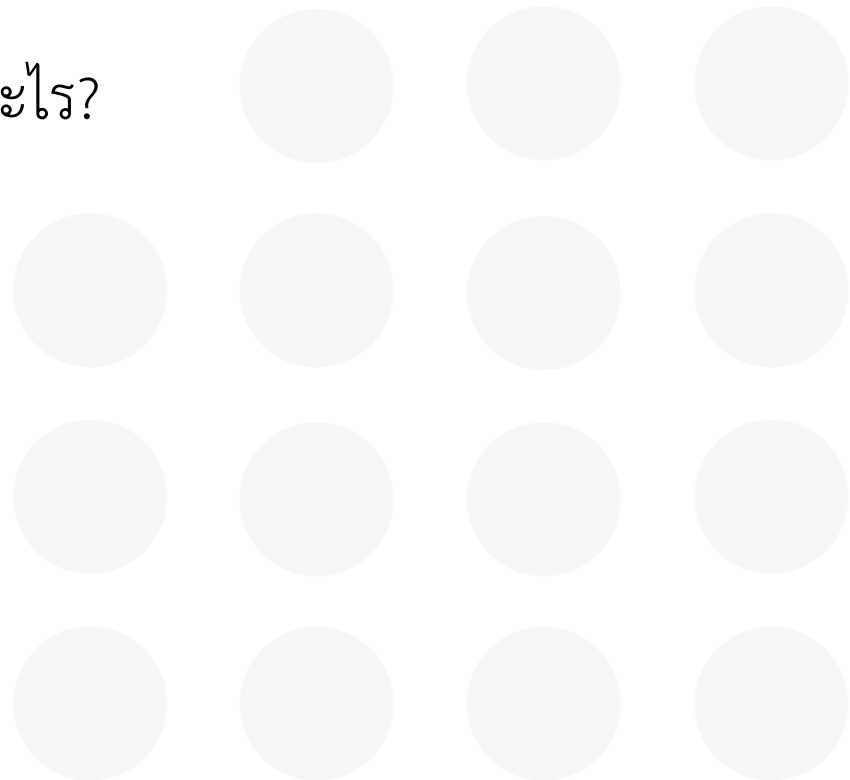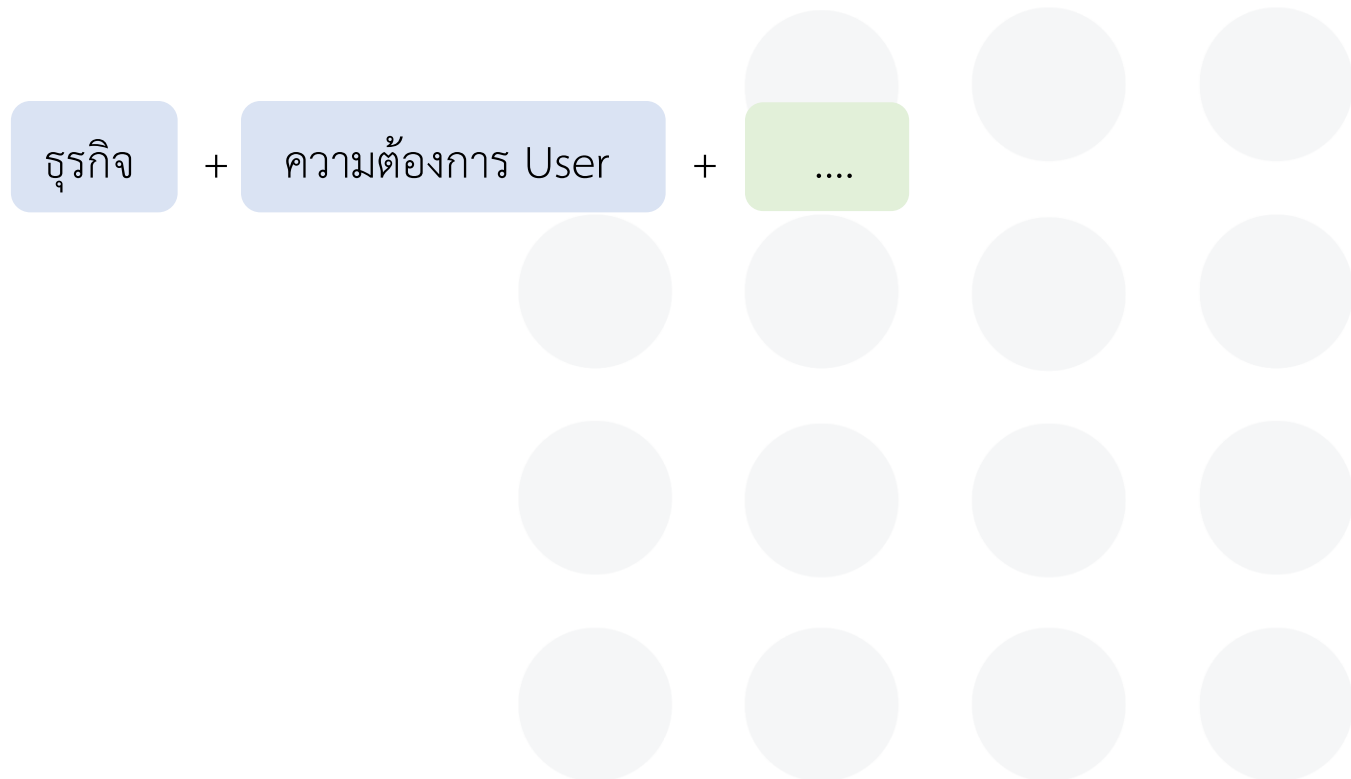Android

iOS

UX คืออะไร?
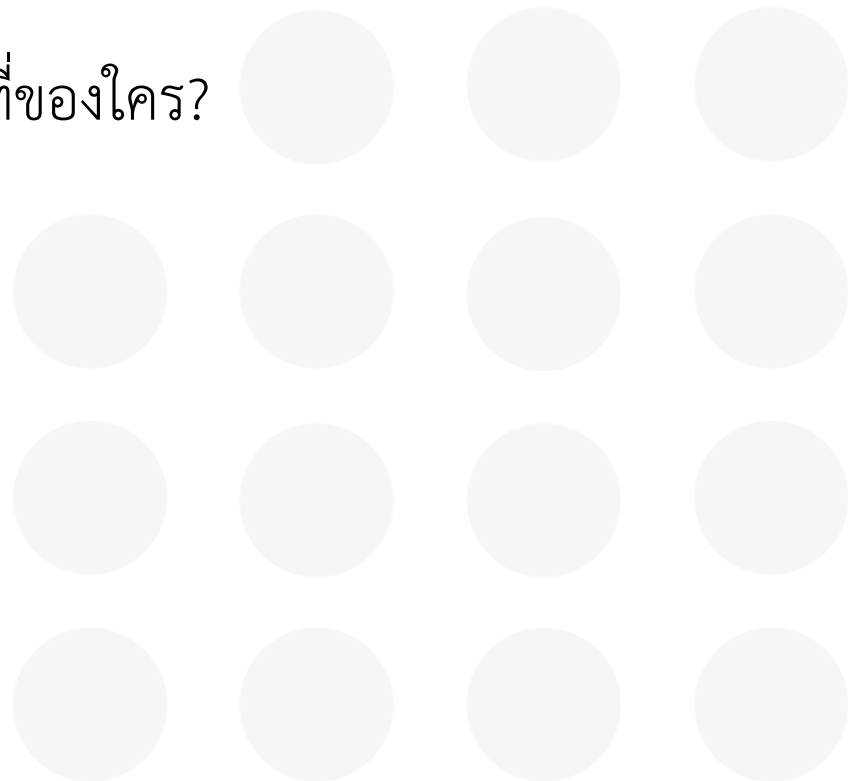
เป้าหมายของ UX

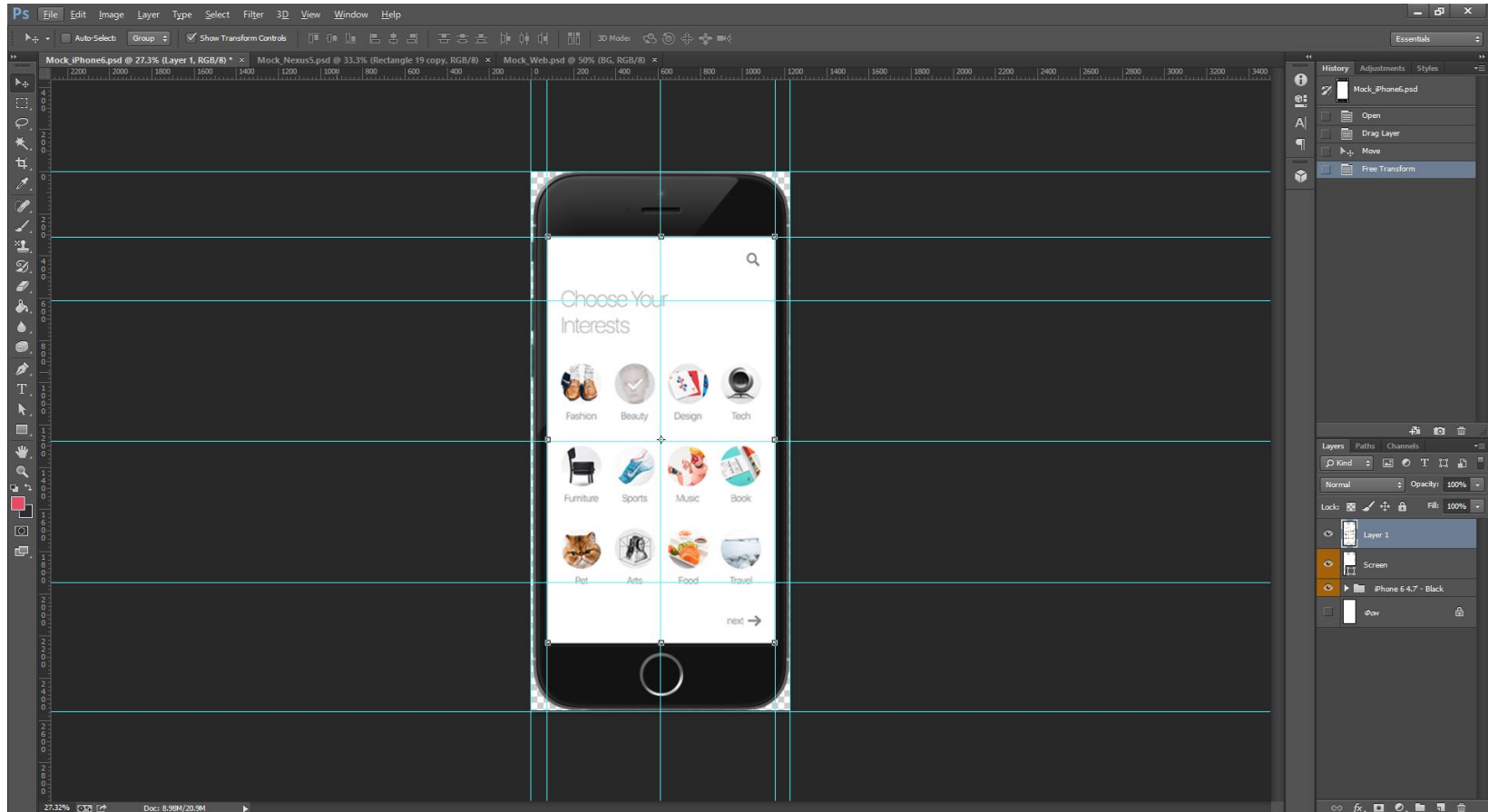ธุรกิจ **+** ความต้องการ User **+** ....

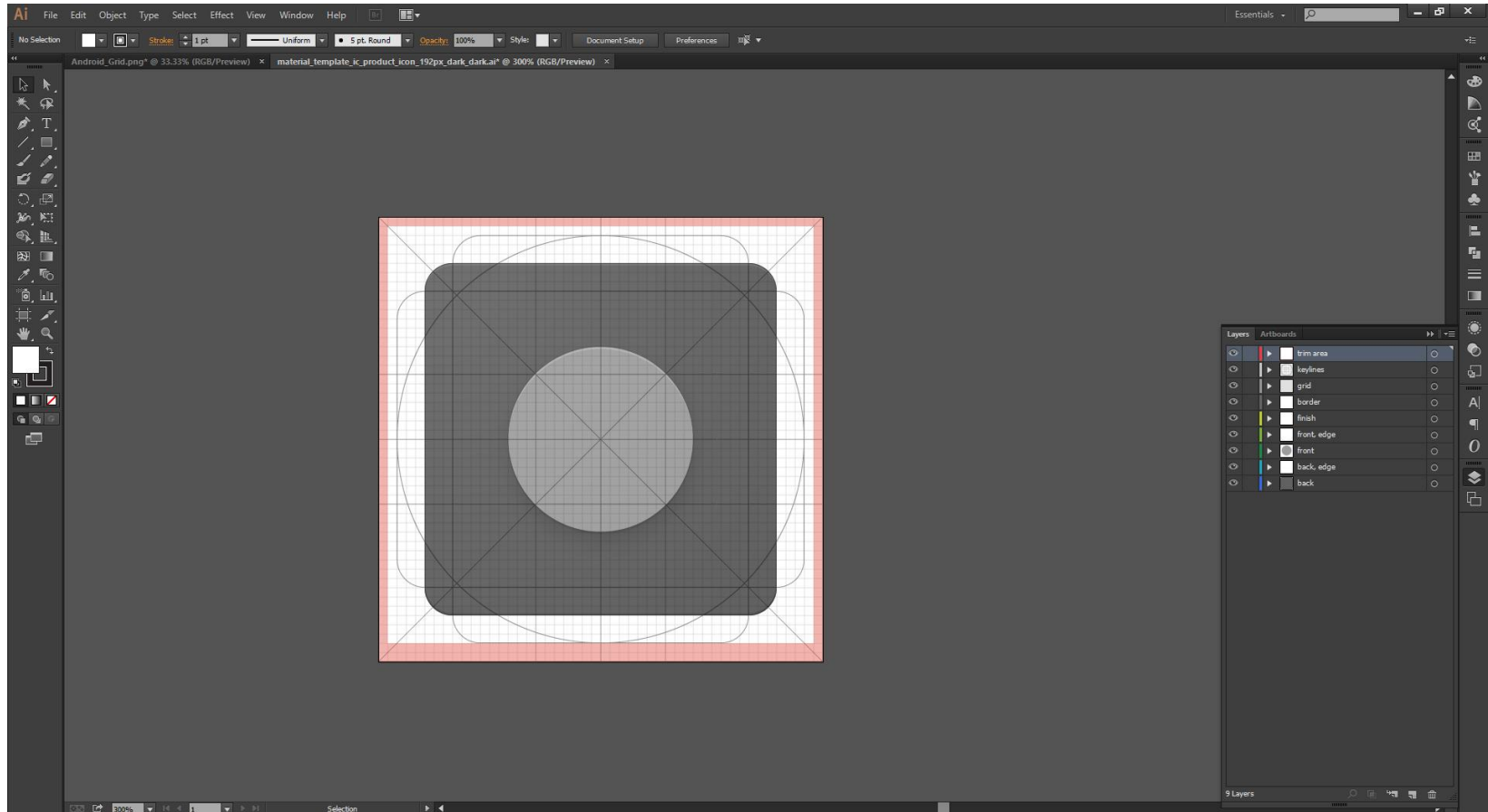# UX เป็นหน้าที่ของใคร?
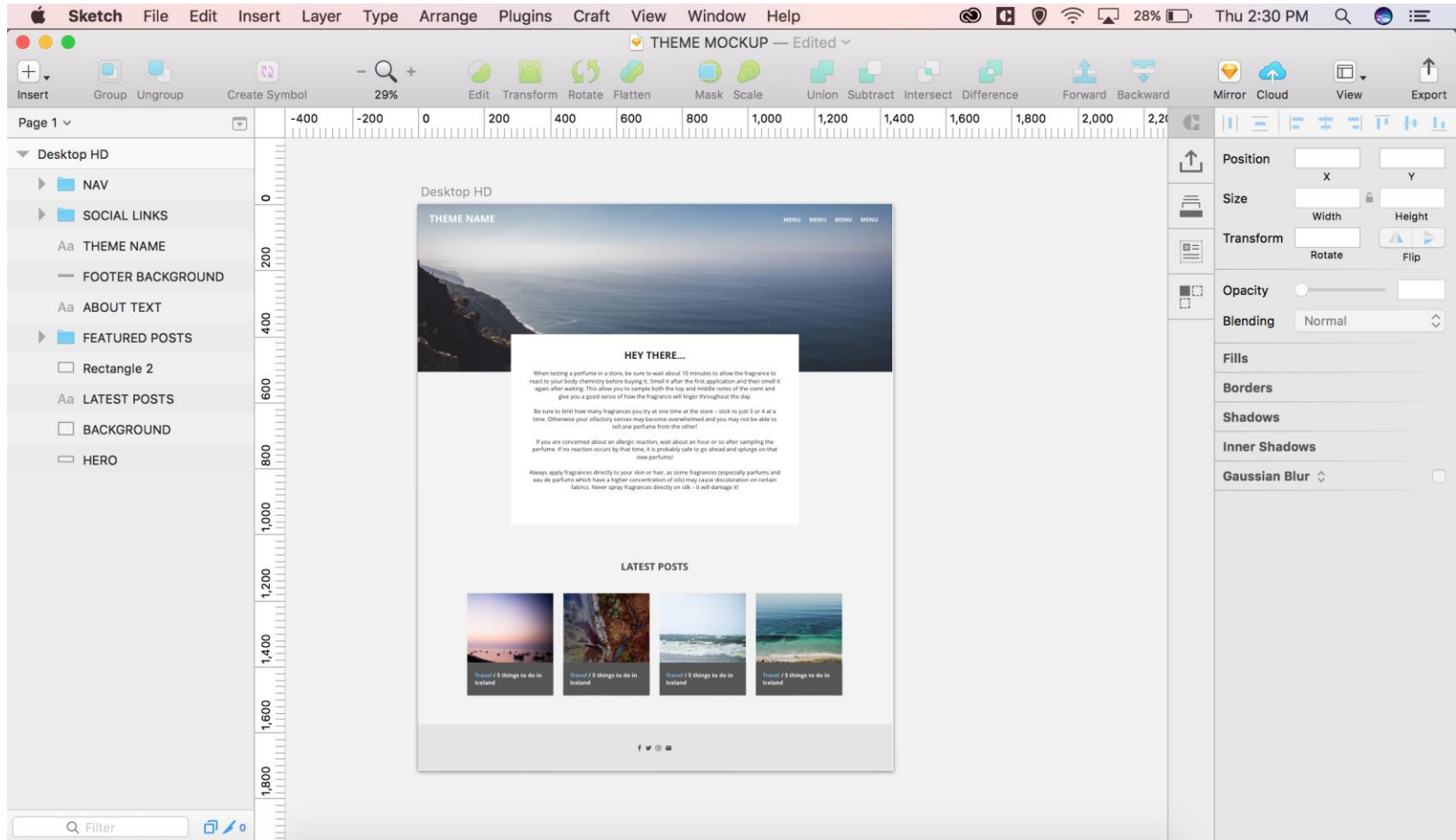
Program ที่ใช้ในการออกแบบ
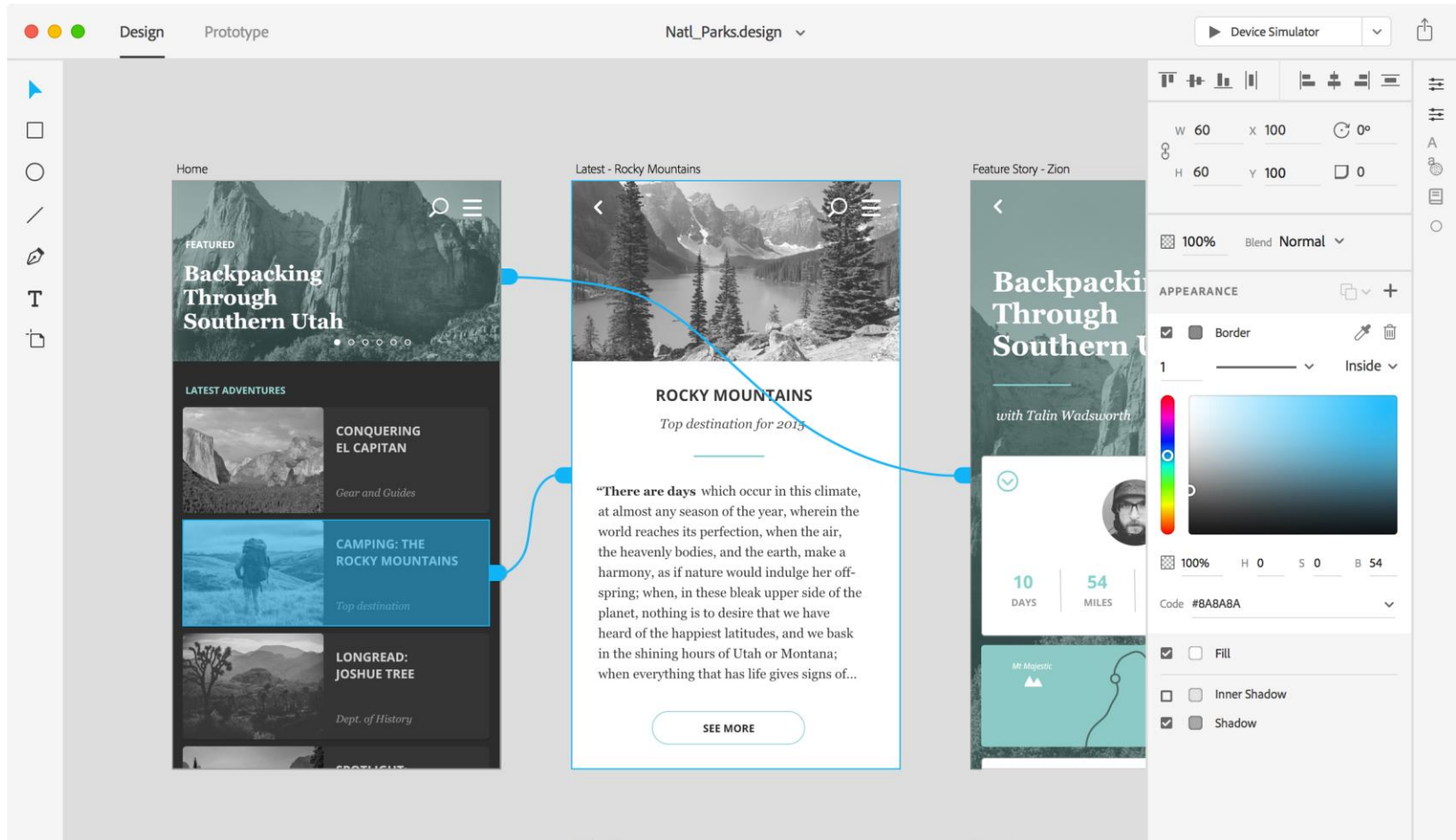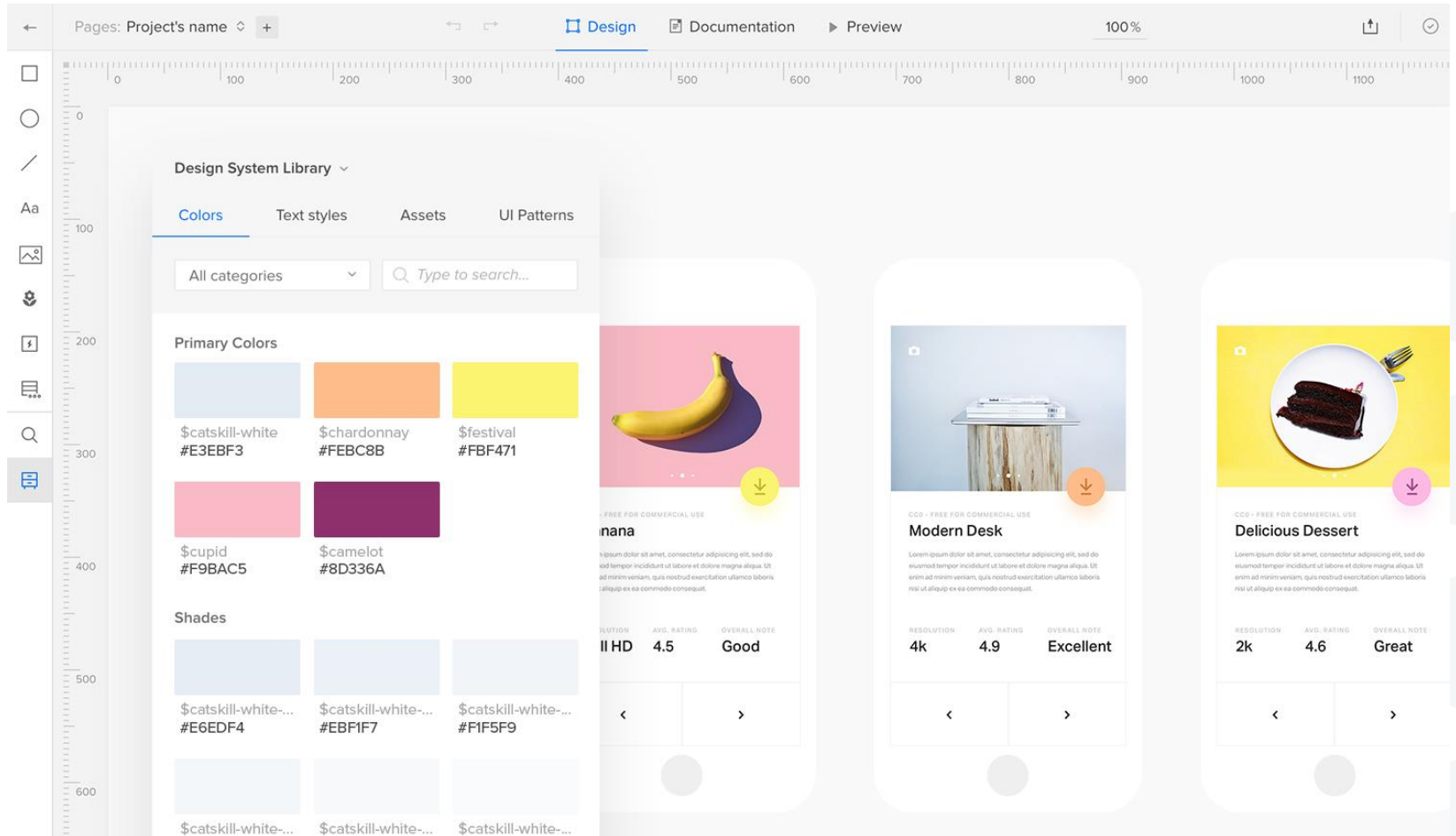
(ตัวอย่าง)

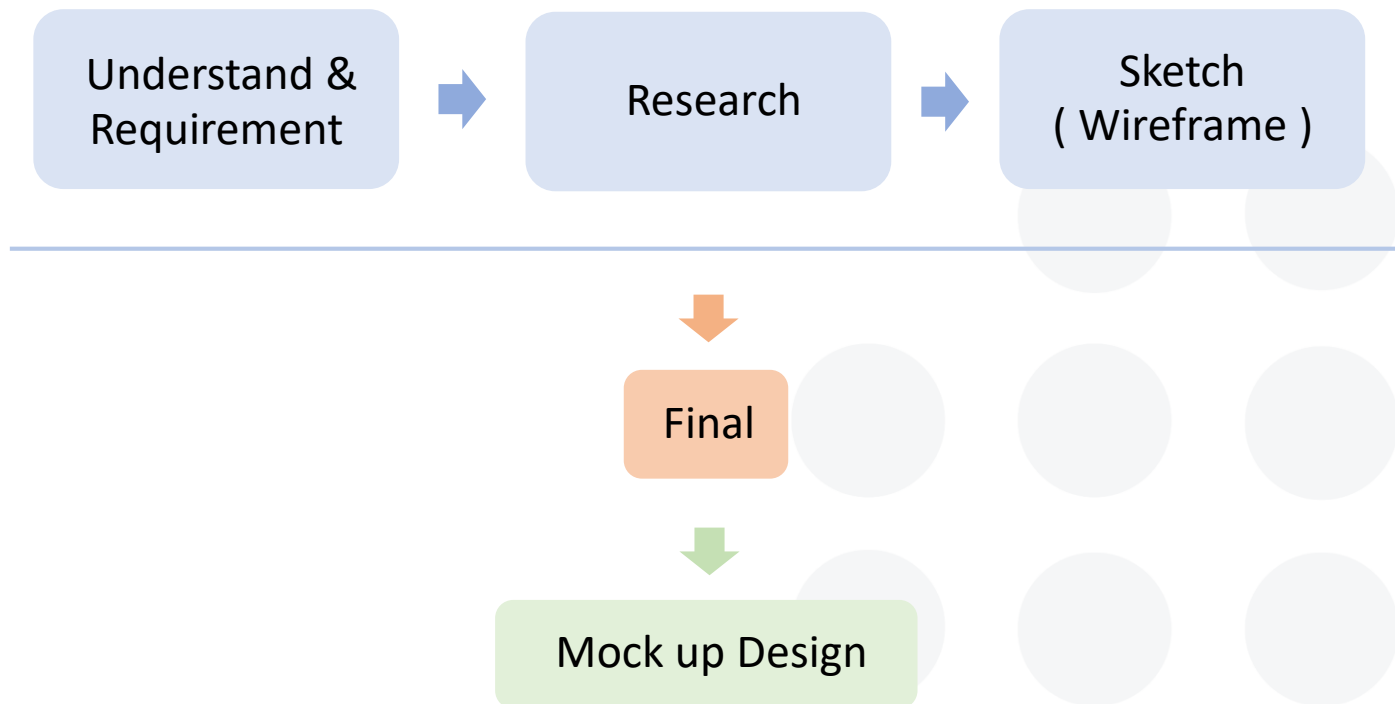# Adobe Photoshop
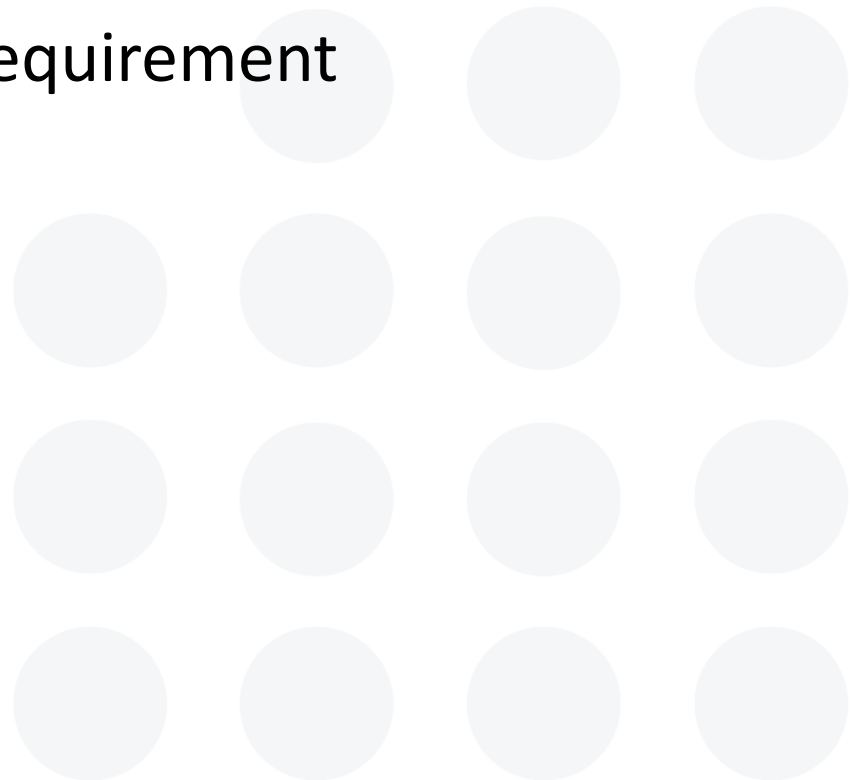
Adobe Illustrator

Sketch 3

Adobe Experience Design

UXPin

UX pin

Process (Think & Idea)

| Understand & Requirement | → | Research | → | Sketch (Wireframe) |

Final

Mock up Design

Process (Think & Idea)

Understand + Requirement

Process (Think & Idea)

Research

Process (Think & Idea)

Sketch (Wireframe)

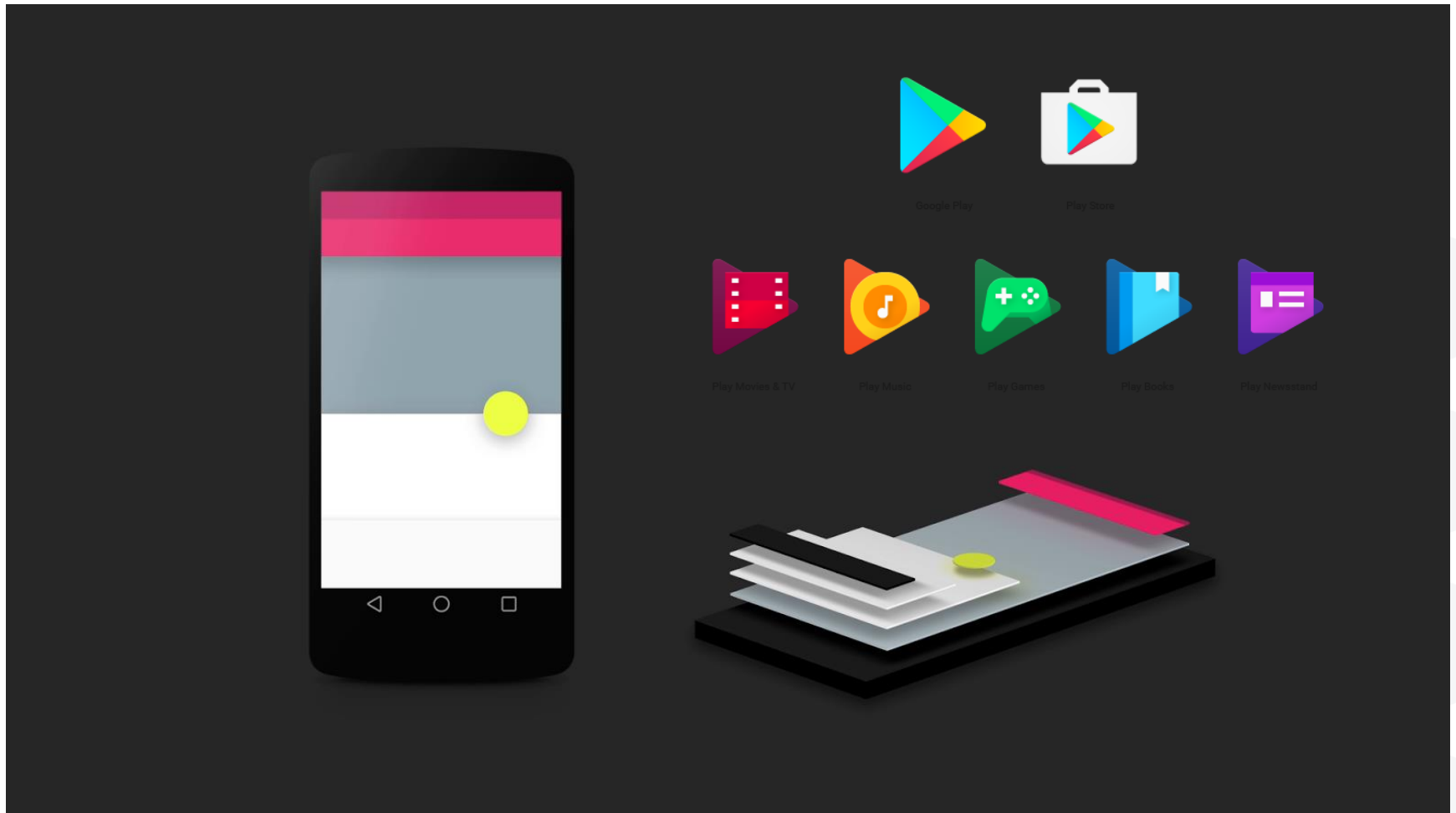|		
1. Want to do	2. Navigation	3. Animation
4. Default setting	5. Guide actions	6. Symbolic

Process (Think & Idea)
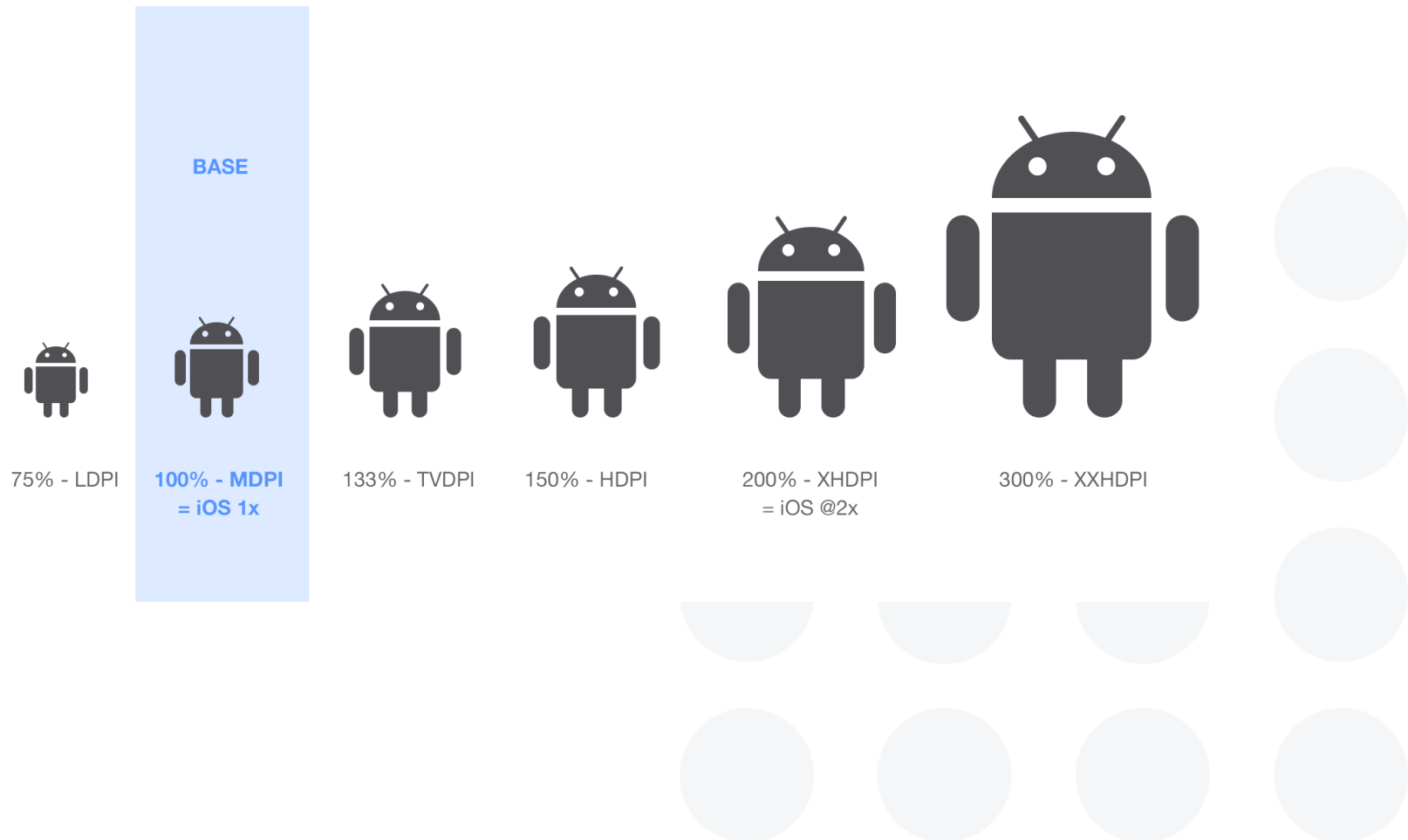
Mock up Design

Android UI/UX

（Material design）

Material design

Multiple devices

BASE

75% - LDPI   **100% - MDPI**   133% - TVDPI   150% - HDPI   200% - XHDPI   300% - XXHDPI
              = iOS 1x   = iOS @2x

iOS UI/UX

（Flat design）

Flat design

Phone

Reminders

Passbook

Newsstand

Mail

Music

Photos

Videos
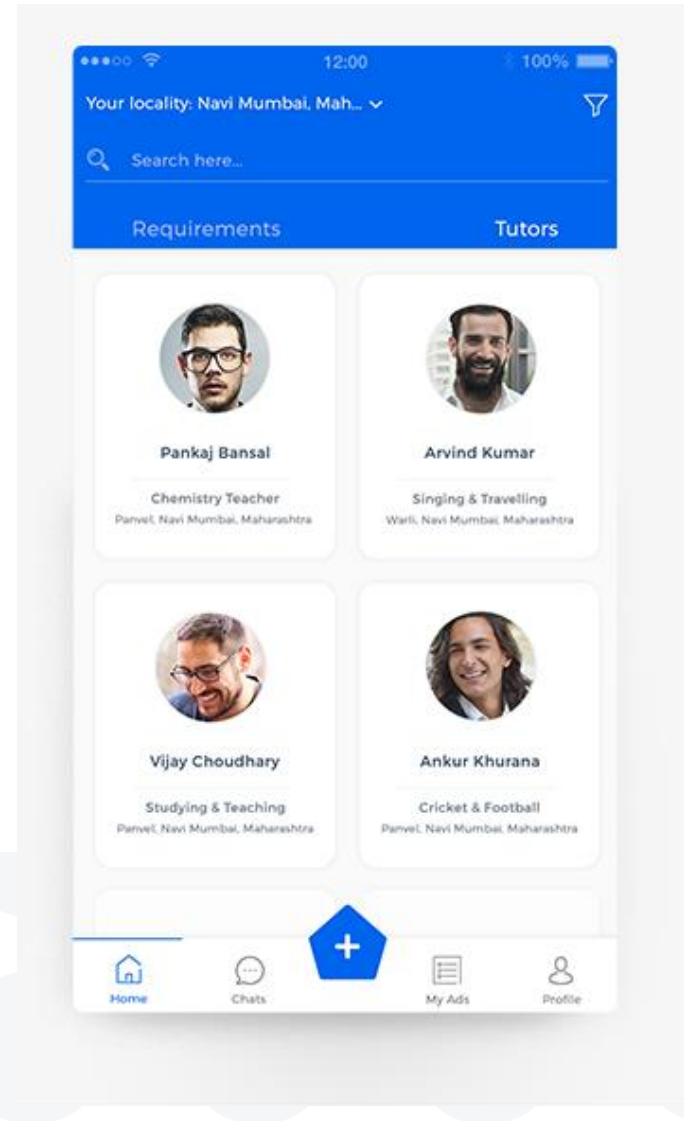
Multiple devices

Static Launch Screen Images

It's best to use an Xcode storyboard for your launch screen, but you can provide a set of static images if necessary. Create static images in different sizes for different devices, and be sure to include the status bar region.

Device	Portrait size	Landscape size
iPhone 7 Plus, iPhone 6s Plus	1242px × 2208px	2208px × 1242px
iPhone 7, iPhone 6s	750px × 1334px	1334px × 750px
iPhone SE	640px × 1136px	1136px × 640px
12.9-inch iPad Pro	2048px × 2732px	2732px × 2048px
9.7-inch iPad Pro, iPad Air 2, iPad mini 4, iPad mini 2	1536px × 2048px	2048px × 1536px

Web UI/UX

(Trend graphic design *)*

01. Immersive, full-screen video

02. Longform content and scrolling
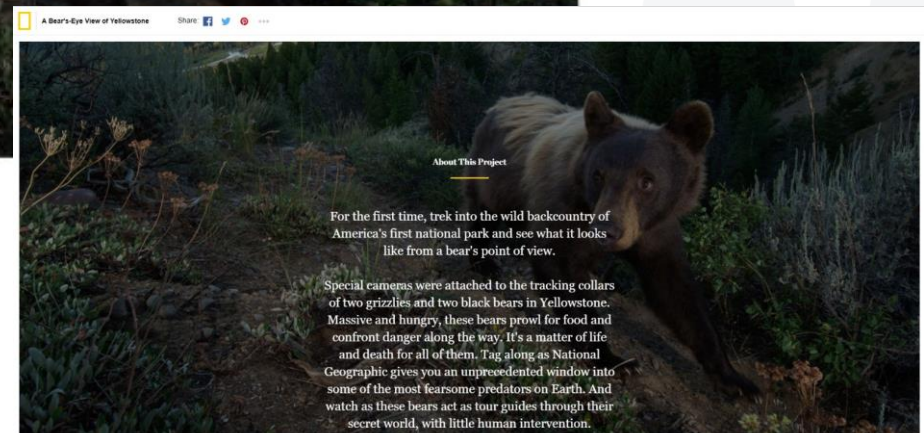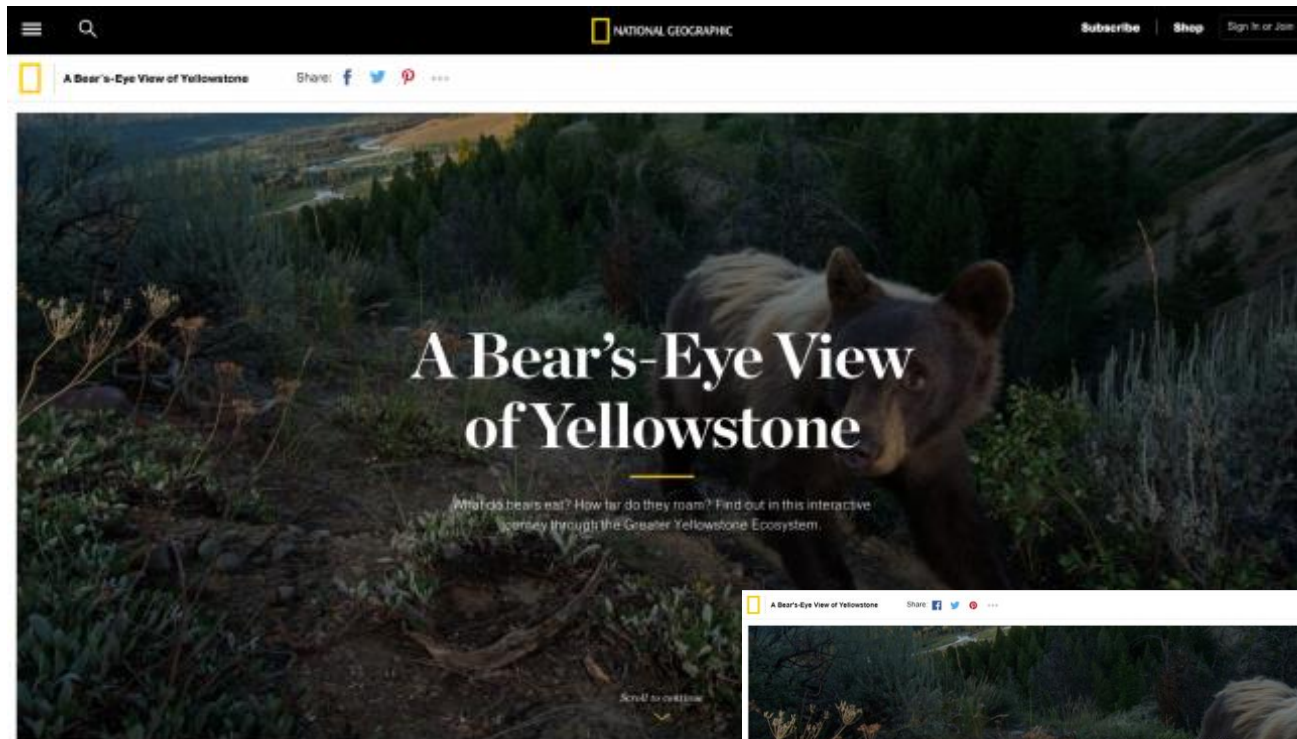
03. Illustrations
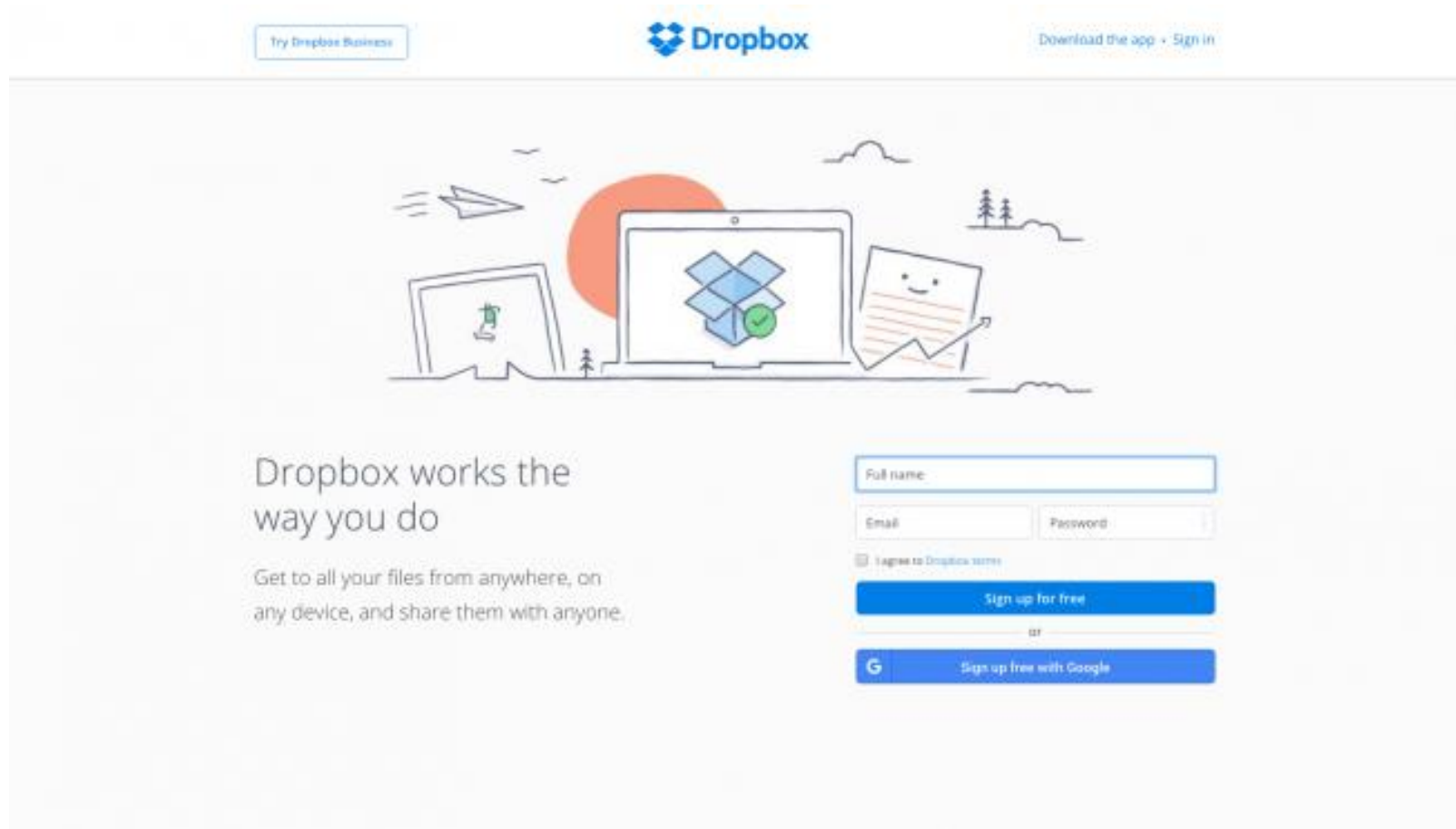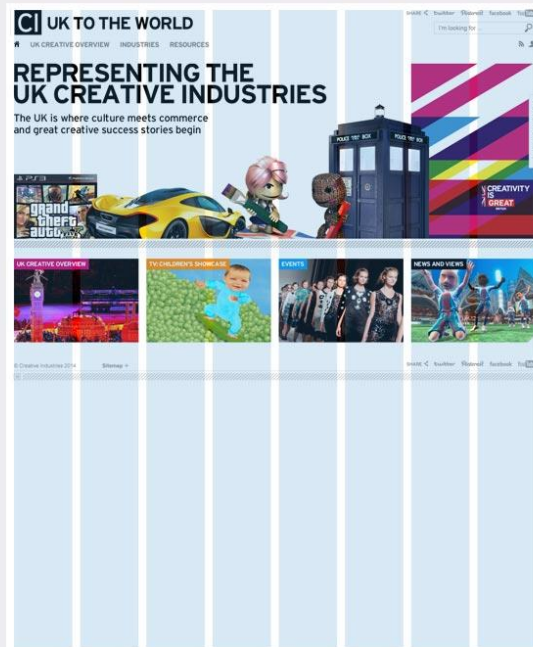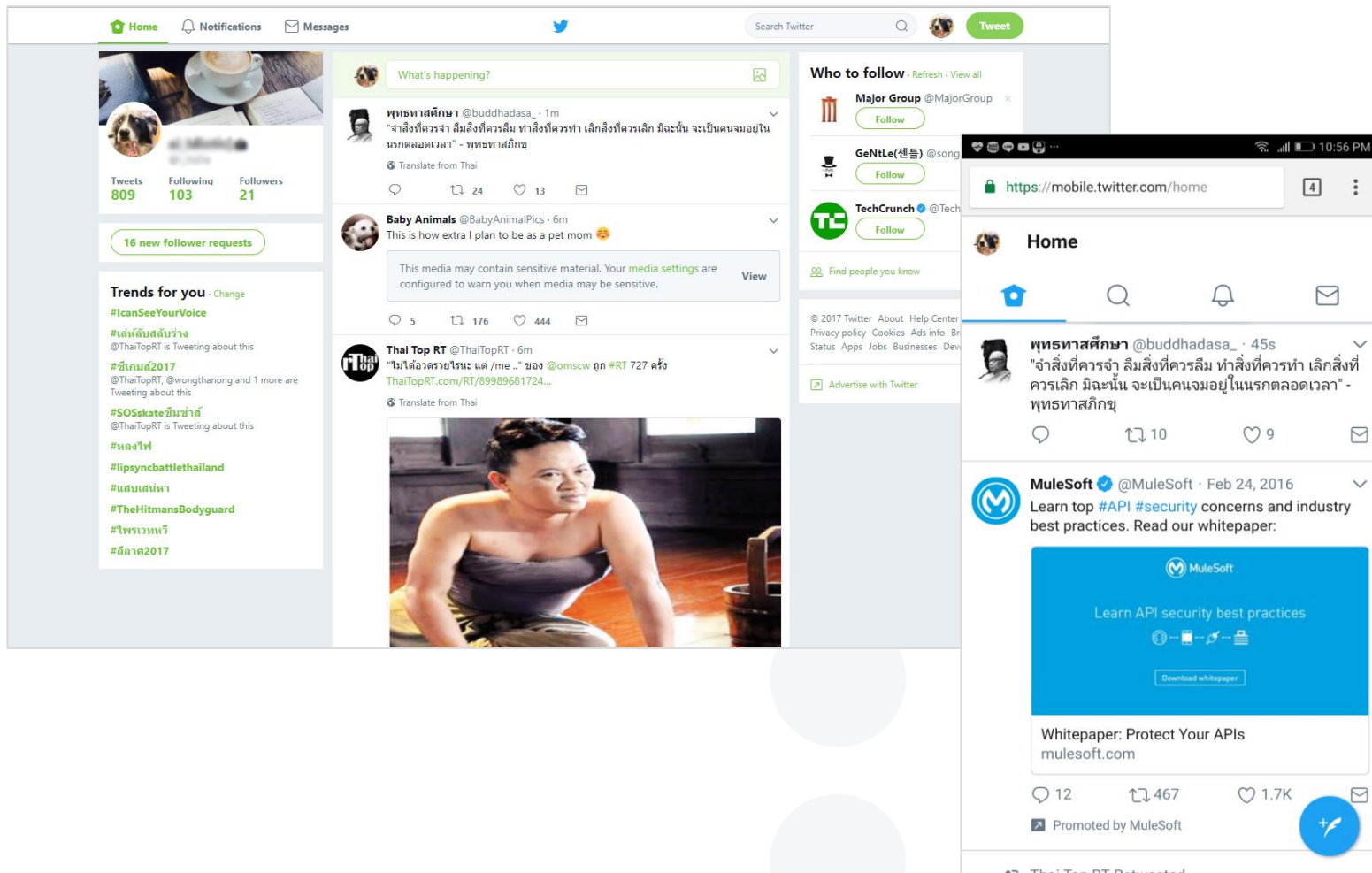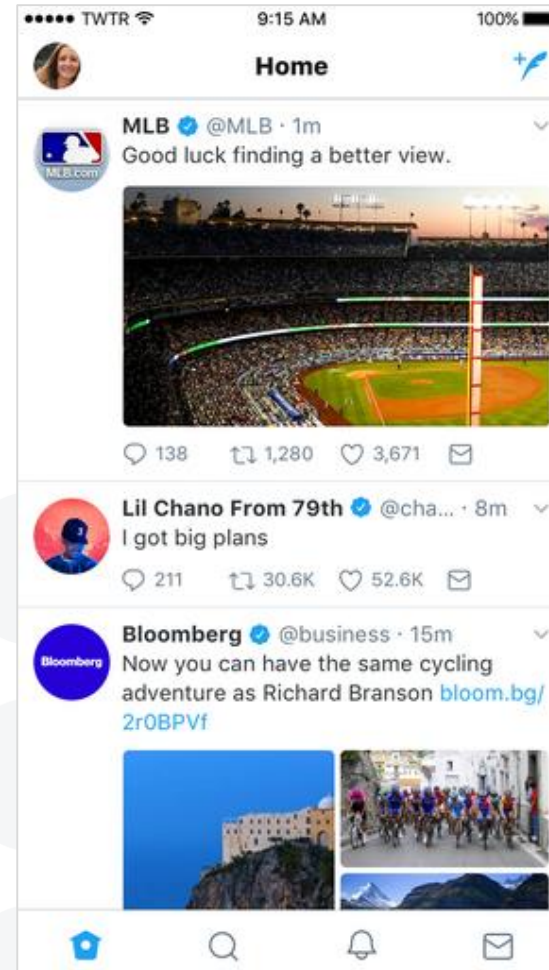
04. More cards!
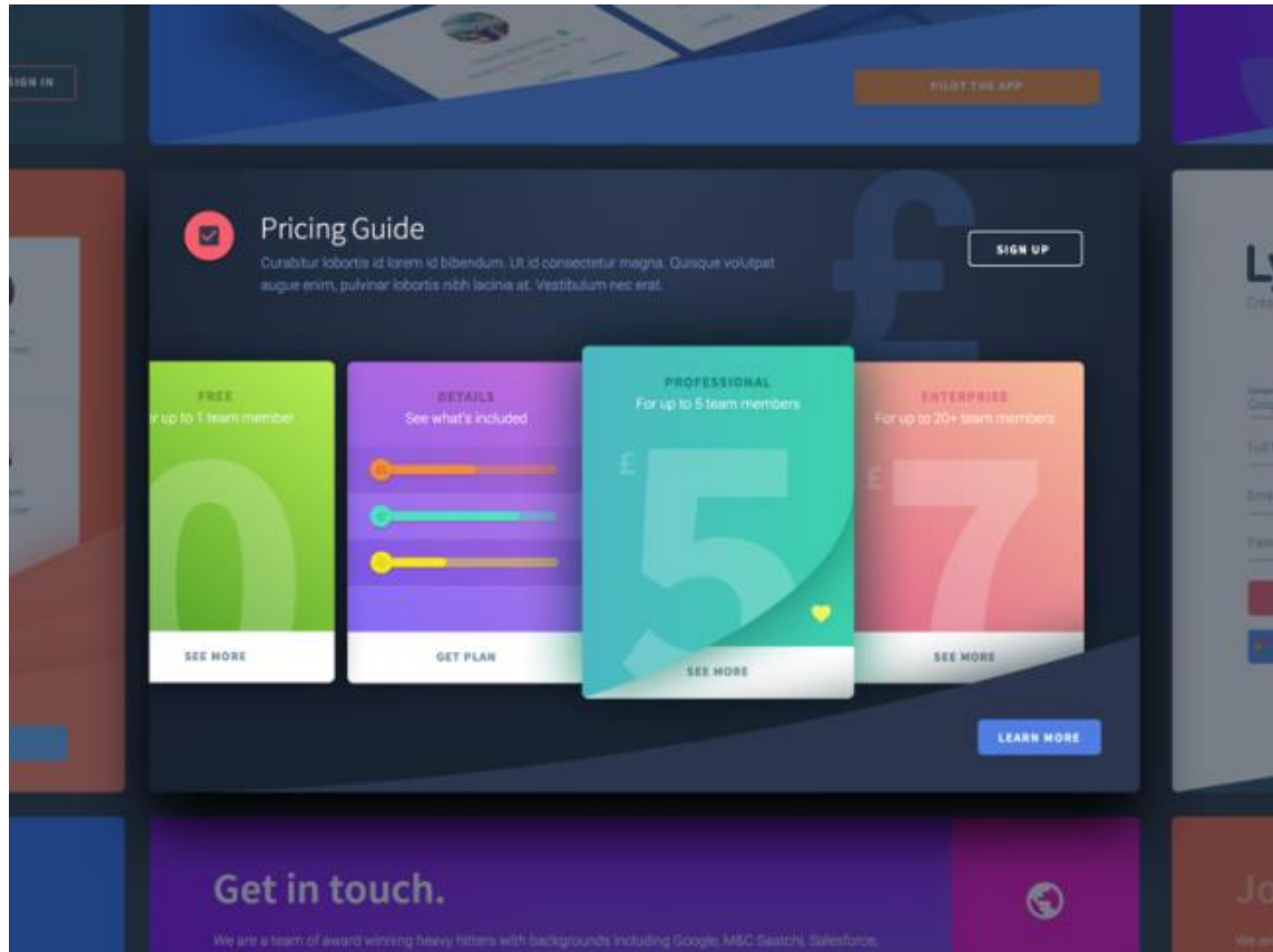
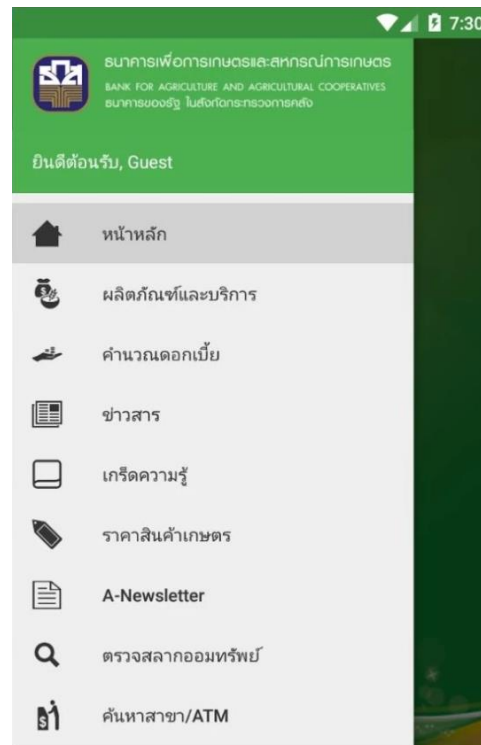## 05. Typography
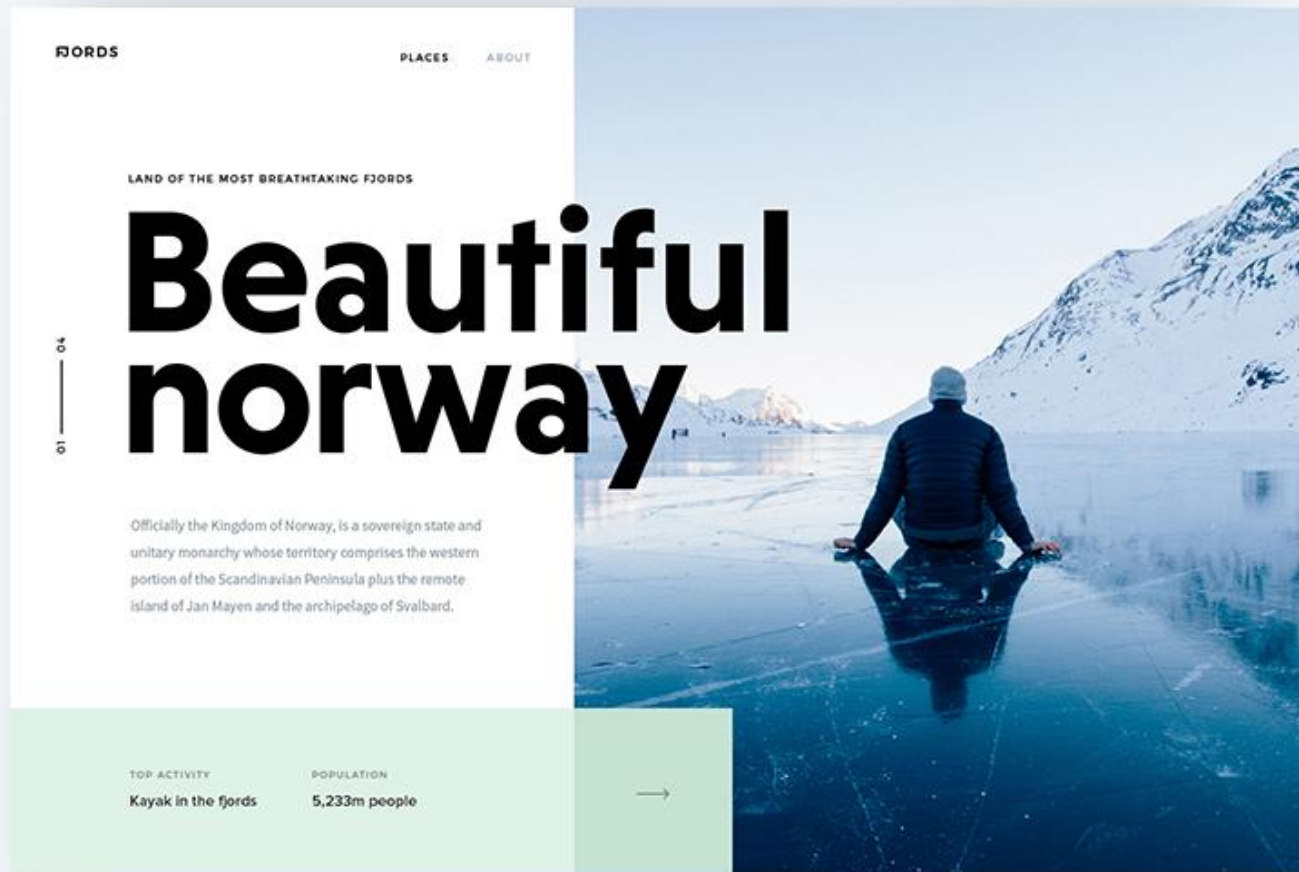
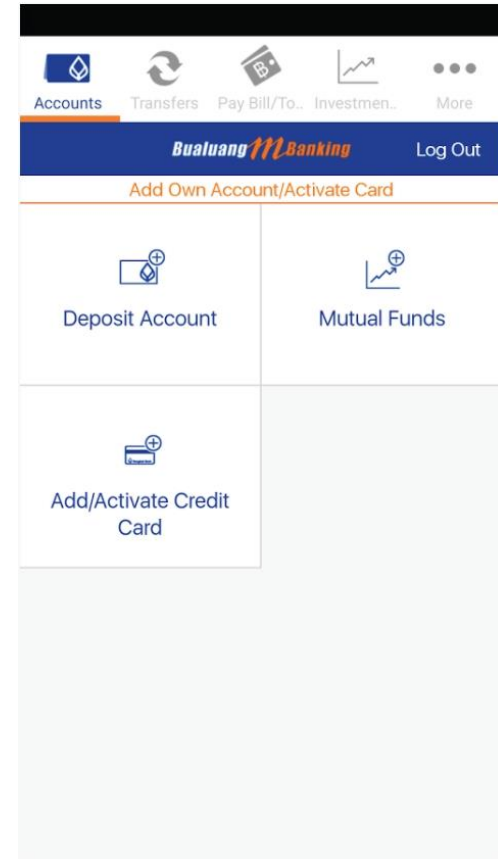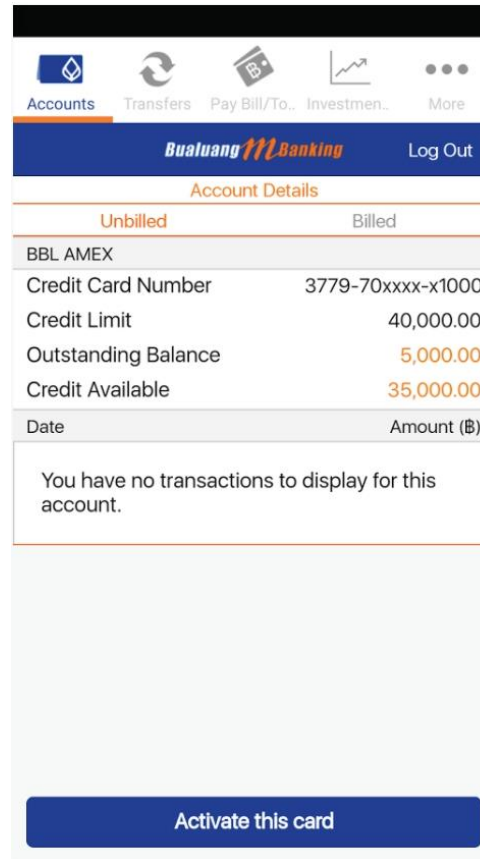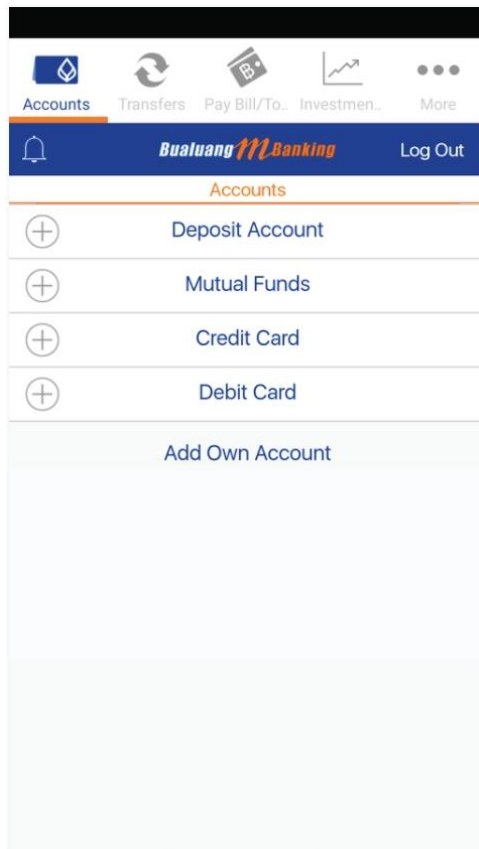# Responsive & Web font
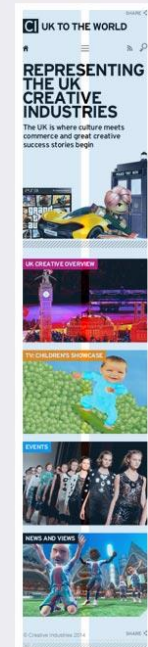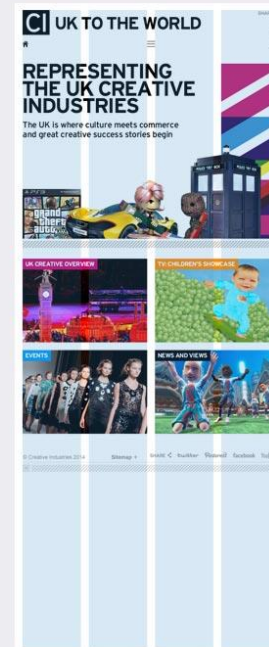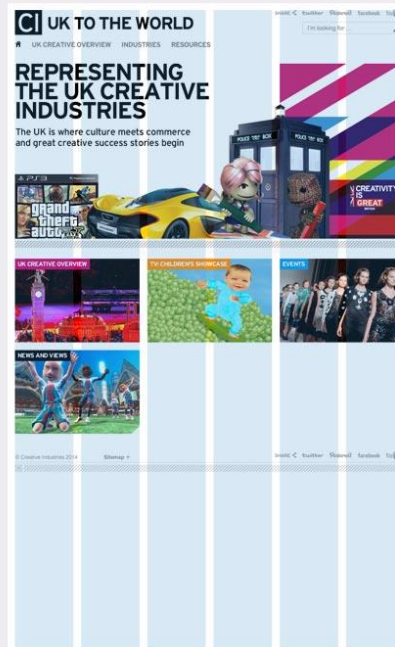
Web vs Mobile

Android vs iOS

(Android)

(iOS)

Sample Analysis + Good / Bad UI/UX

Application : BAAC
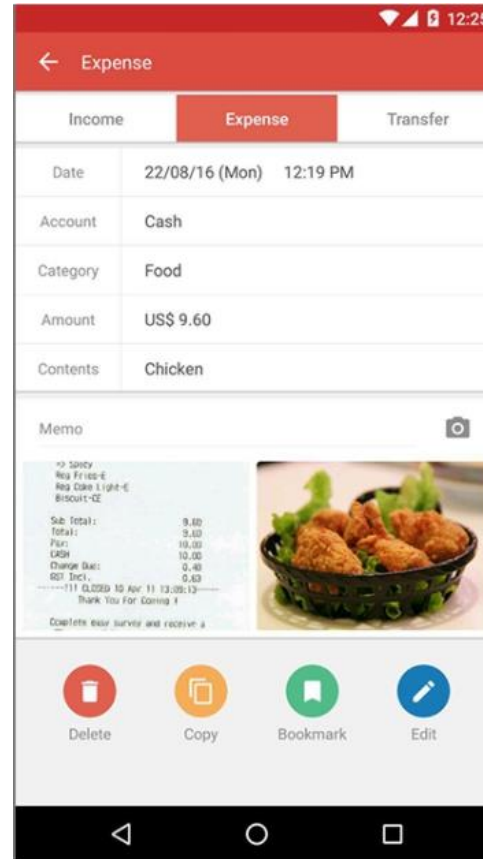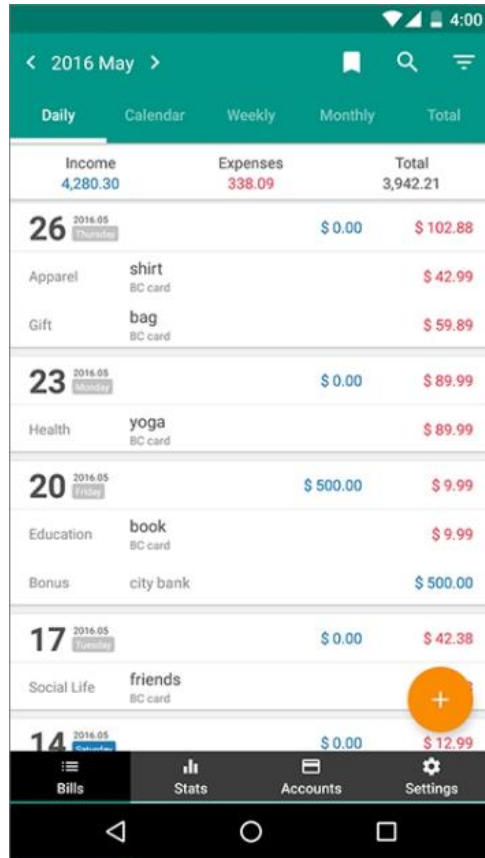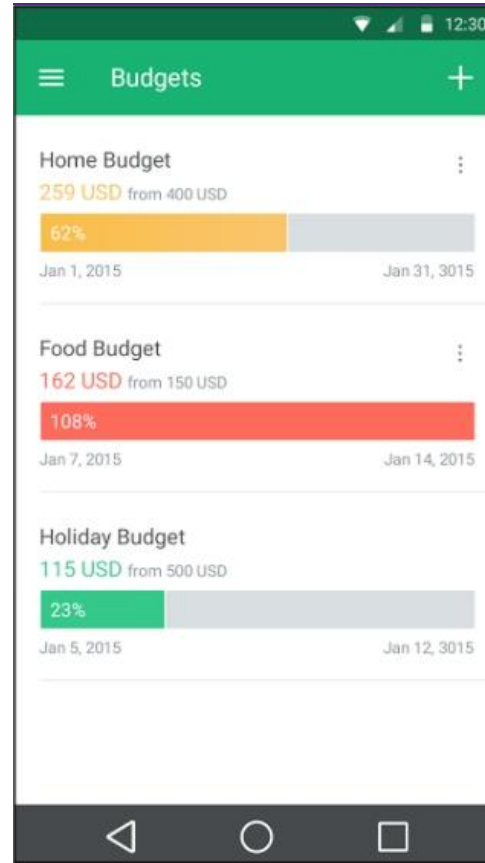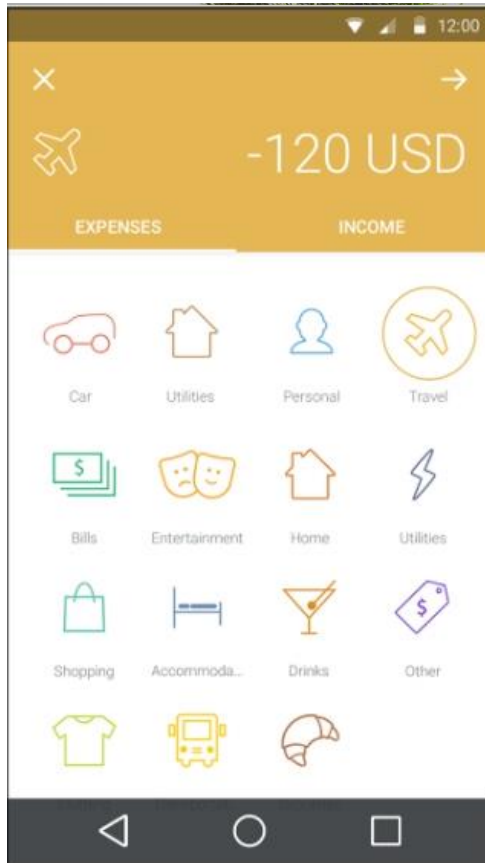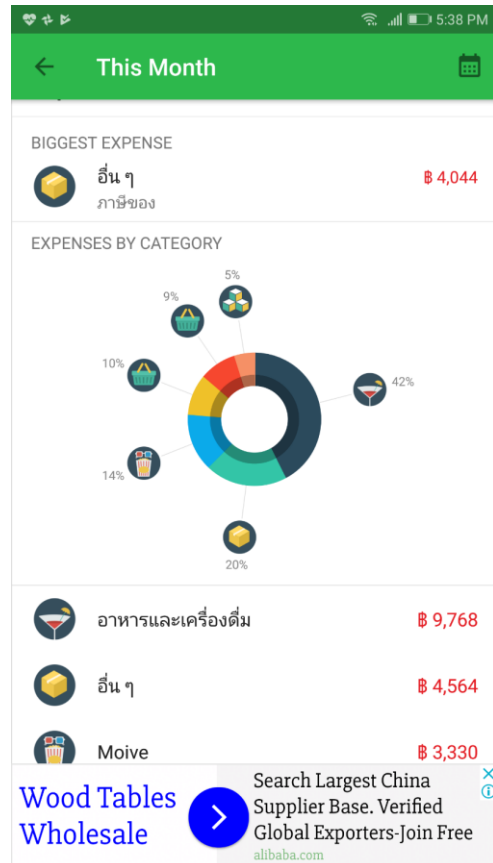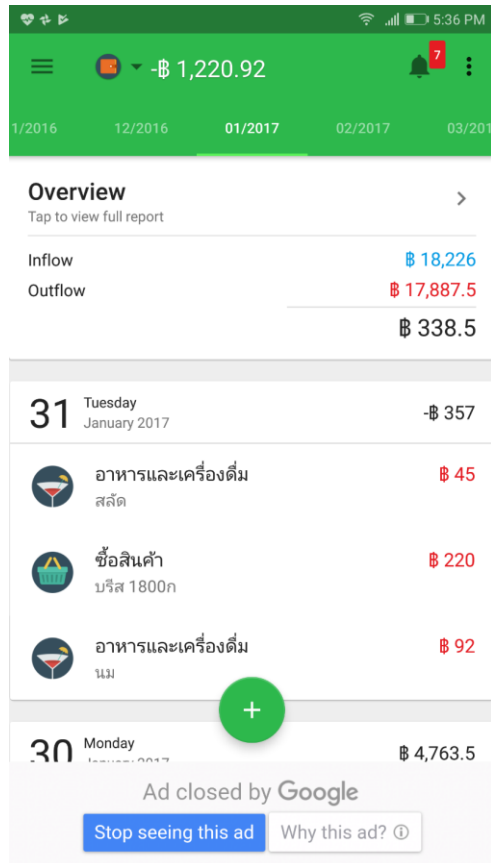
Application : Bualuang mBanking
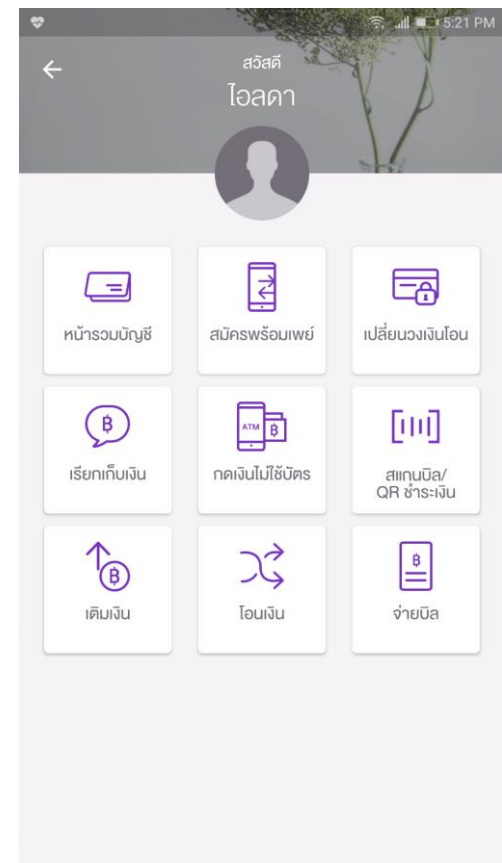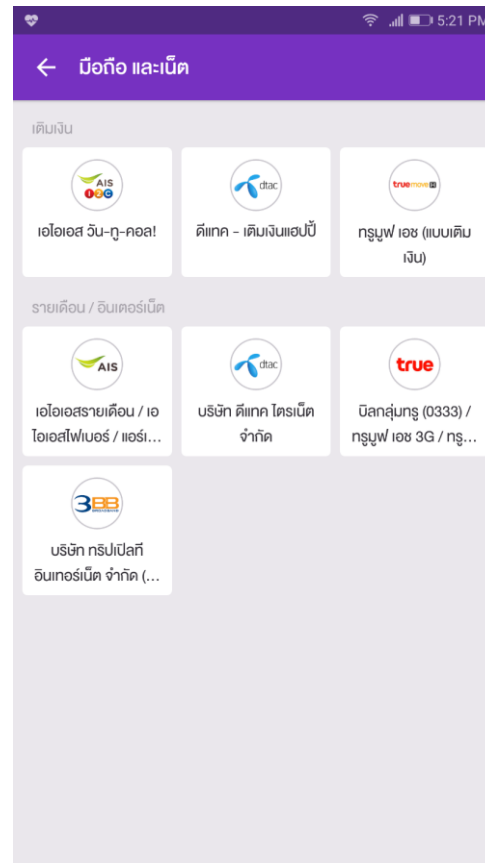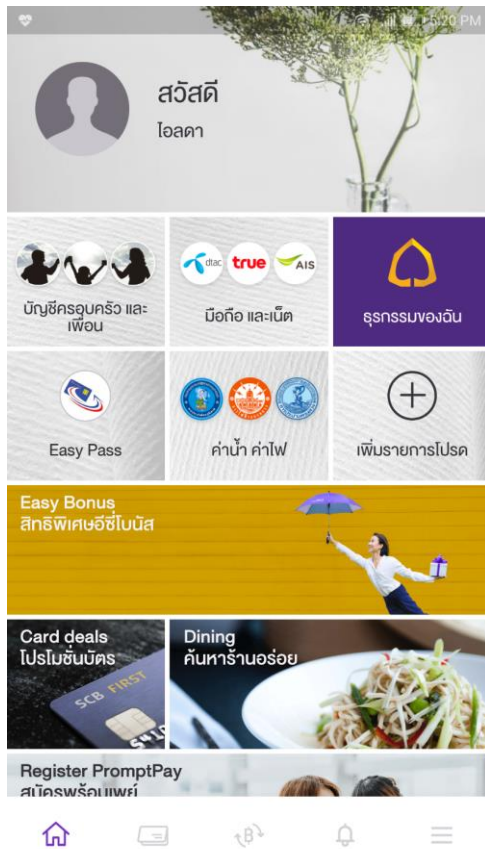
Application : SCB Easy
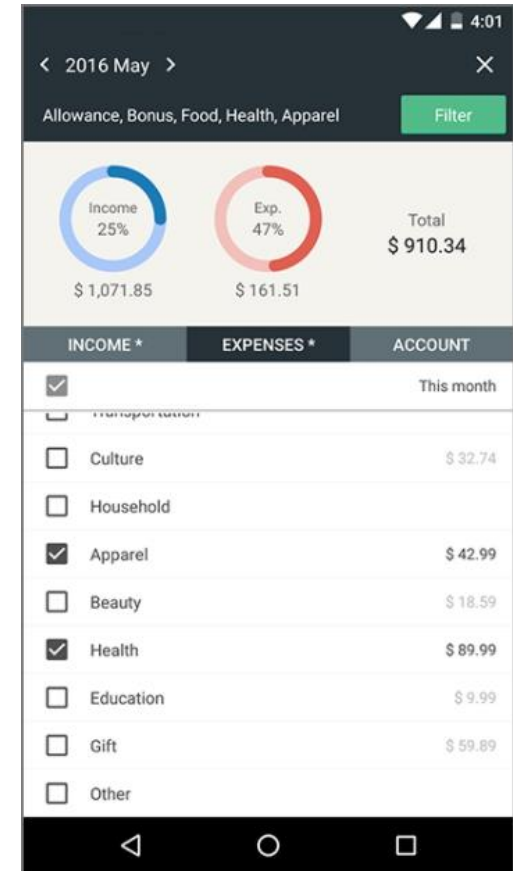
Application : Money Manager Expense & Budget
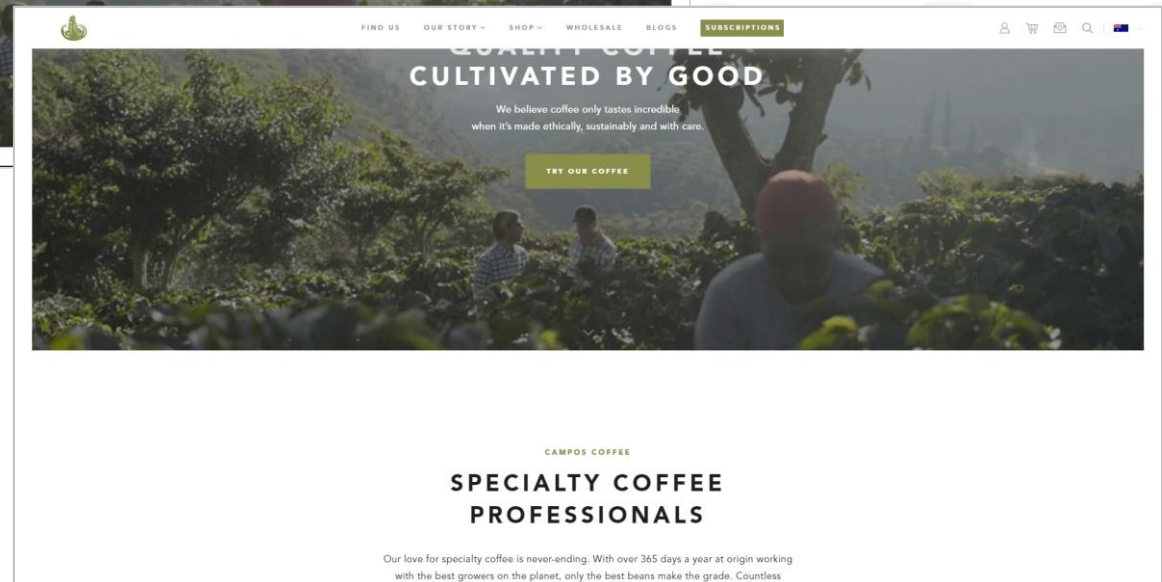
Application : Spendee

Application : Money lover

Web : Coffee Cultivated

Web : Starbuck

Web : Preda coffee

Web : Doi chang coffee