Eksibition

Virtual Exhibition Guide on Smart Phone

Problems

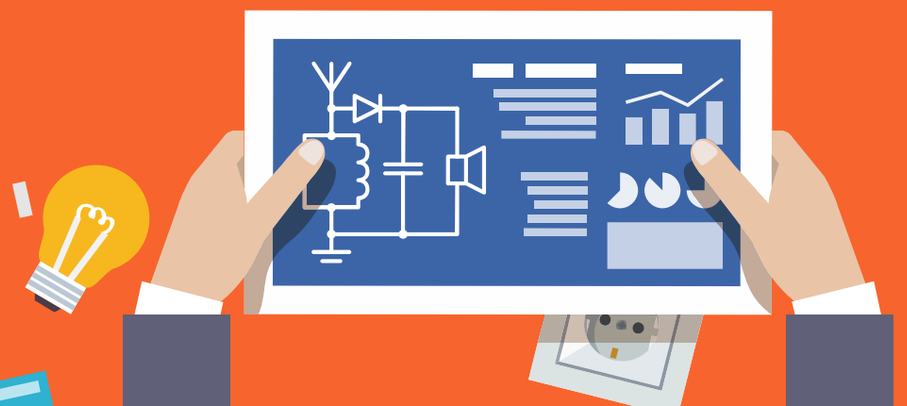
Ideas

Objectives

Design

Advanced Features

Demo



Problems

What am I looking at?

Current Situation

- No guide introducing the items.
- Paper map is inconvenient.
- Voice guide hardware is complicated to use.
- No interaction with other visitors.

Ideas

Ideas

- Inside the museum: a smart guide.
  - Introduce item-related informations through text, audios and images.
  - In-door navigation.
- Outside the museum: a promotion tool.
  - Handle ticketing issue.
  - Promote coming events to subscribers.

Objectives

- Introduce nearby items
- Routine planner
- Museum indoor map
- Promotion via notification
- Like and share
- User behavior analysis
- Ticketing system

Front-end & Back-end Design

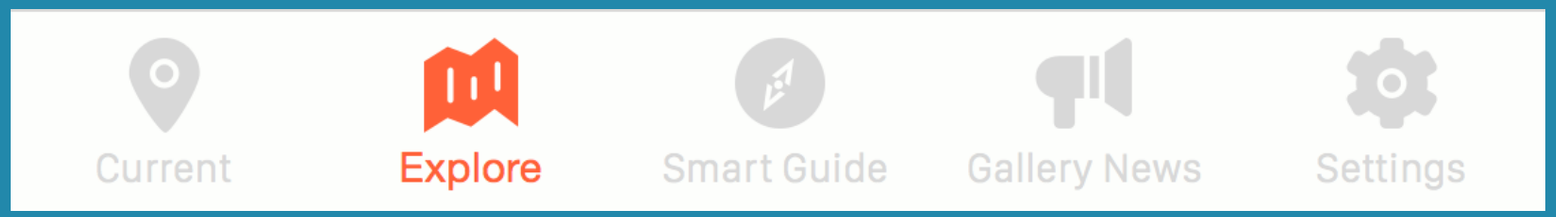
Back-end Design

- Written in Node.js
- Using MongoDB to store data
- Modularized RESTful API
  - /ticket/...
  - /item/...

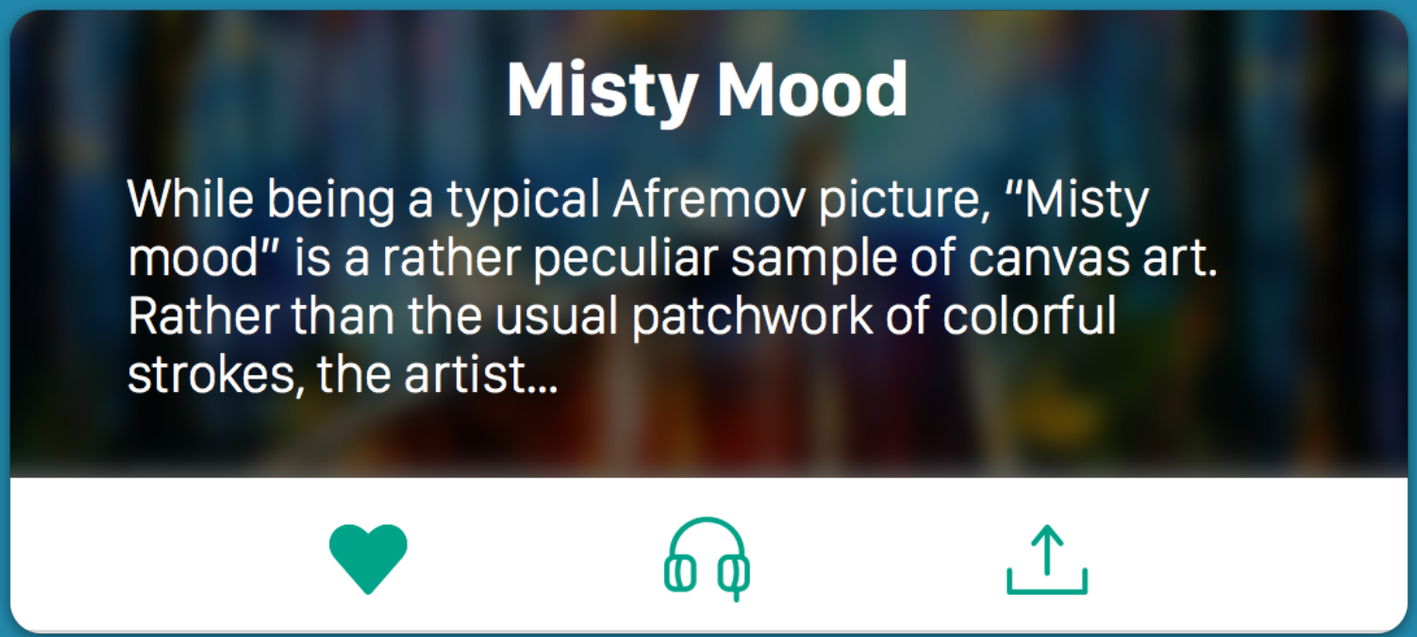
Sketch 3

Insert
Group
Ungroup
Create Symbol
42%
Edit
Transform
Rotate
Flatten
Mask
Scale
Union
Subtract
Intersect
Difference
Forward
Backward
Mirror
Share
View
Export
Pages
Elements
App
App
iPhone 6
icon_redeemer_60pt
icon_redeemer_40pt
icon_redeemer_29pt
iPhone 6
icon_60pt
Rectangle 87...
logo
Recta...
icon_40pt
icon_29pt
Artboard 10
fail_gray
success_gray
fail_color
success_color
Artboard 9
you_indicator
shortcut_news
shortcut_ticket...
shortcut_current
shortcut_explore
floor_plan
floor_plan
Artboard 7
Filter
52
Color Schemes
Current Card
Smart Intro
Misty Mood
Misty Mood
Misty Mood
Misty Mood
Misty Mood
by Leonid Afremov
Artboard 9
Current
Painting - MISTY MOOD
Misty Mood
by Leonid Afremov
Silent romance
While being a typical Afremov picture, "Misty mood" is a rather peculiar sample of canvas art. Rather than the usual patchwork of colorful strokes, the artist uses a more reserved, darker palette mostly represented by shades of blue. With black tree trunks forming a distinct frame around the scene, lonely frost-covered benches looming in the dark and the eerie milky mist stealthily sipping into the background, the
Explore
Explore
What's hot
Asian Painting Collection
Section B
Item list - by Distance
iPhone 6
EXSIBITION
Valid From
Dec 11, 2015
Paintings by CUHK Students
floor_plan
Artboard 10
Artboard 7
Single Pass
Single Pass
$9.99
Add to Apple Wallet
icon_60pt
icon_40pt
icon_29pt
iPhone 6
icon_redeemer_60pt
icon_redeemer_40pt
icon_redeemer_29pt
iPhone 6
Ticketing
Painting - MISTY MOOD
USED
$9.99 x 1
Week Pass
$19.99
$19.99 x 0
Year Pass
$99.99
$99.99 x 0
Total: $9.99
Buy with Pay
Position
X
Y
Size
Width
Height
Transform
Rotate
Flip
Opacity
Blending
Normal
Fills
Borders
Shadows
Inner Shadows
Gaussian Blur

Tab bar



Item


Misty Mood
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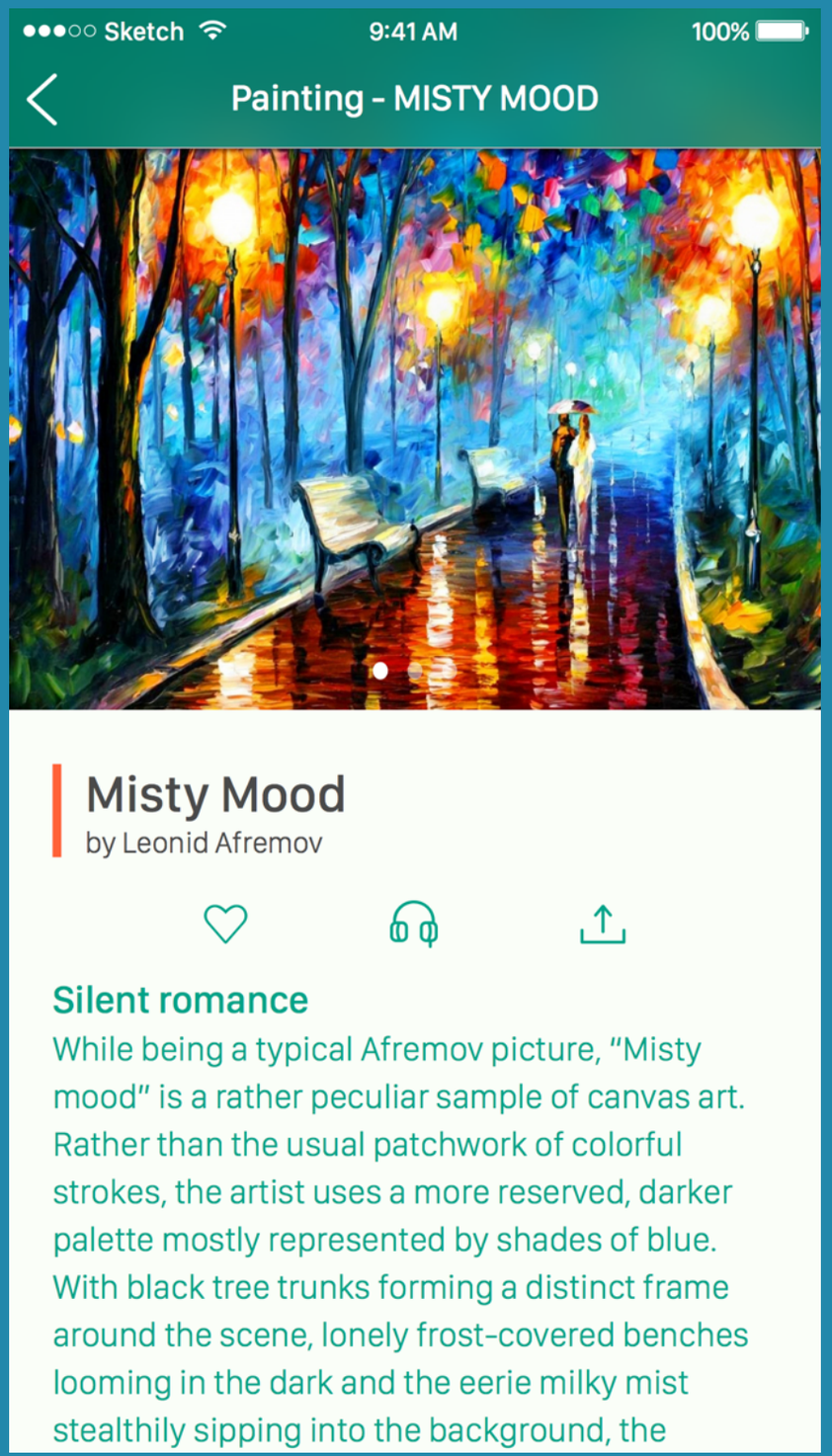
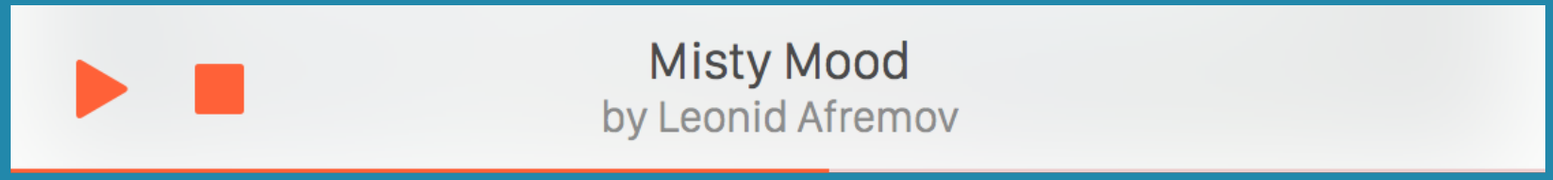
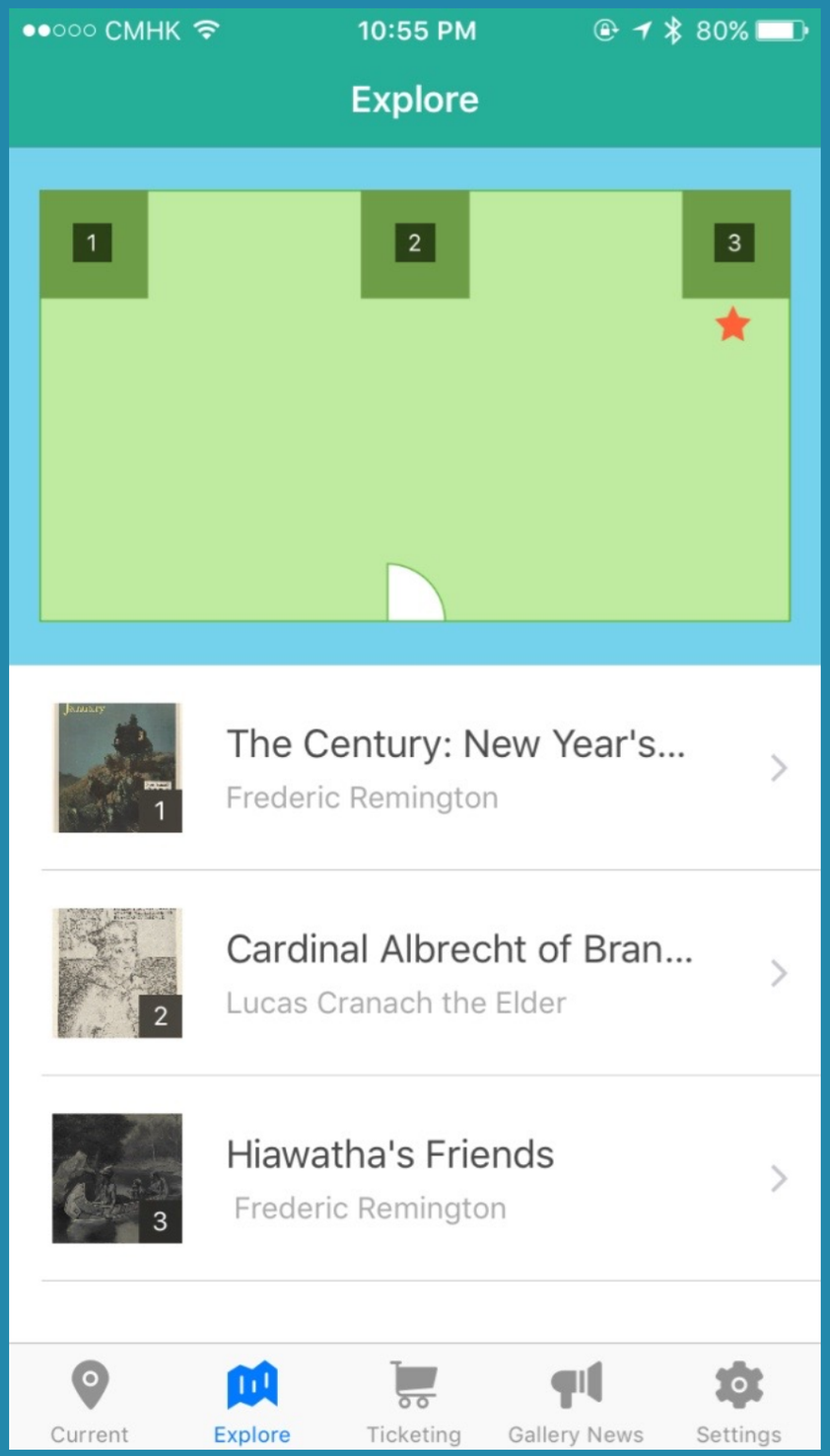
Detailed Introduction



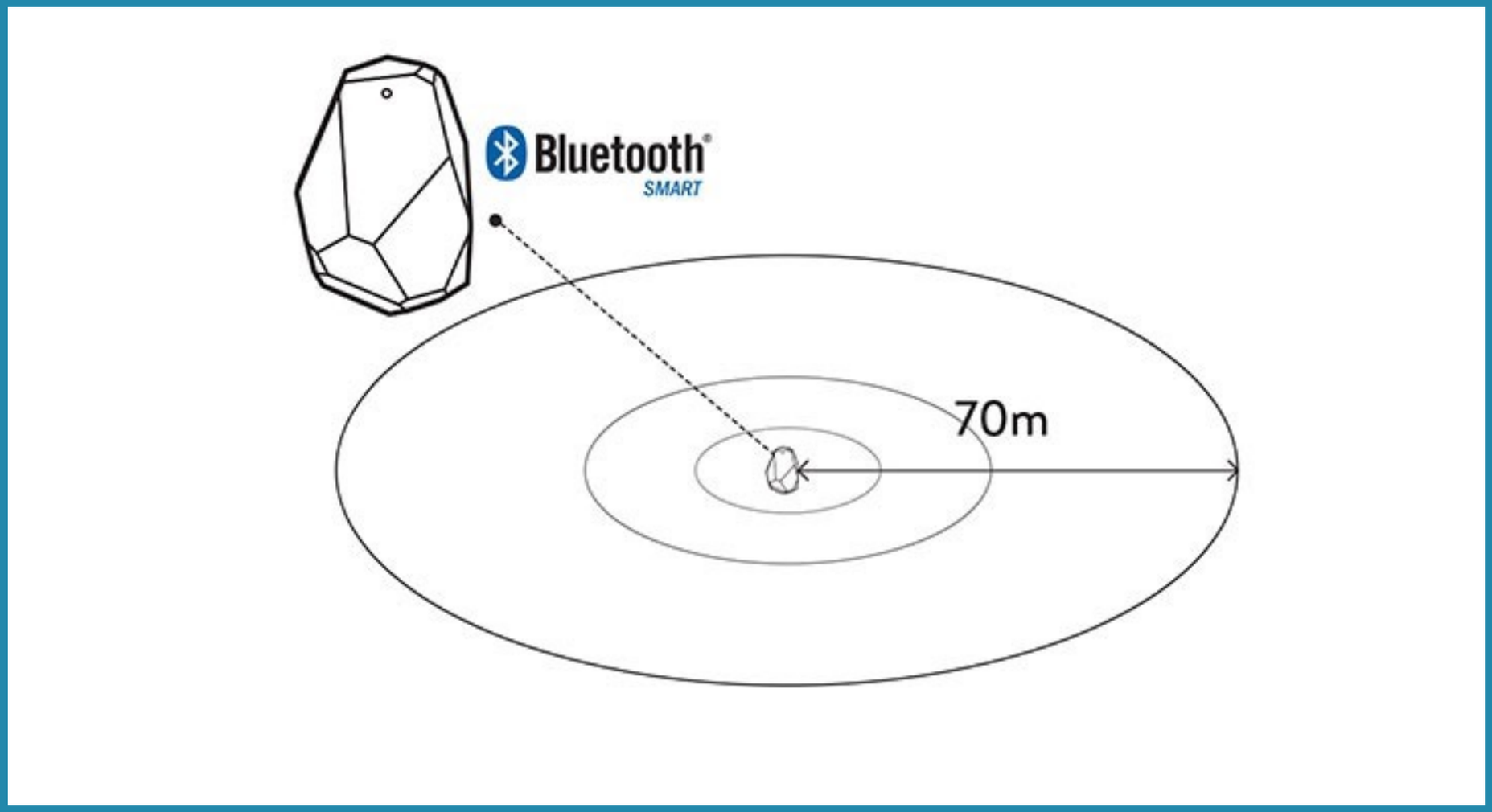
Centralized Player



Map and List

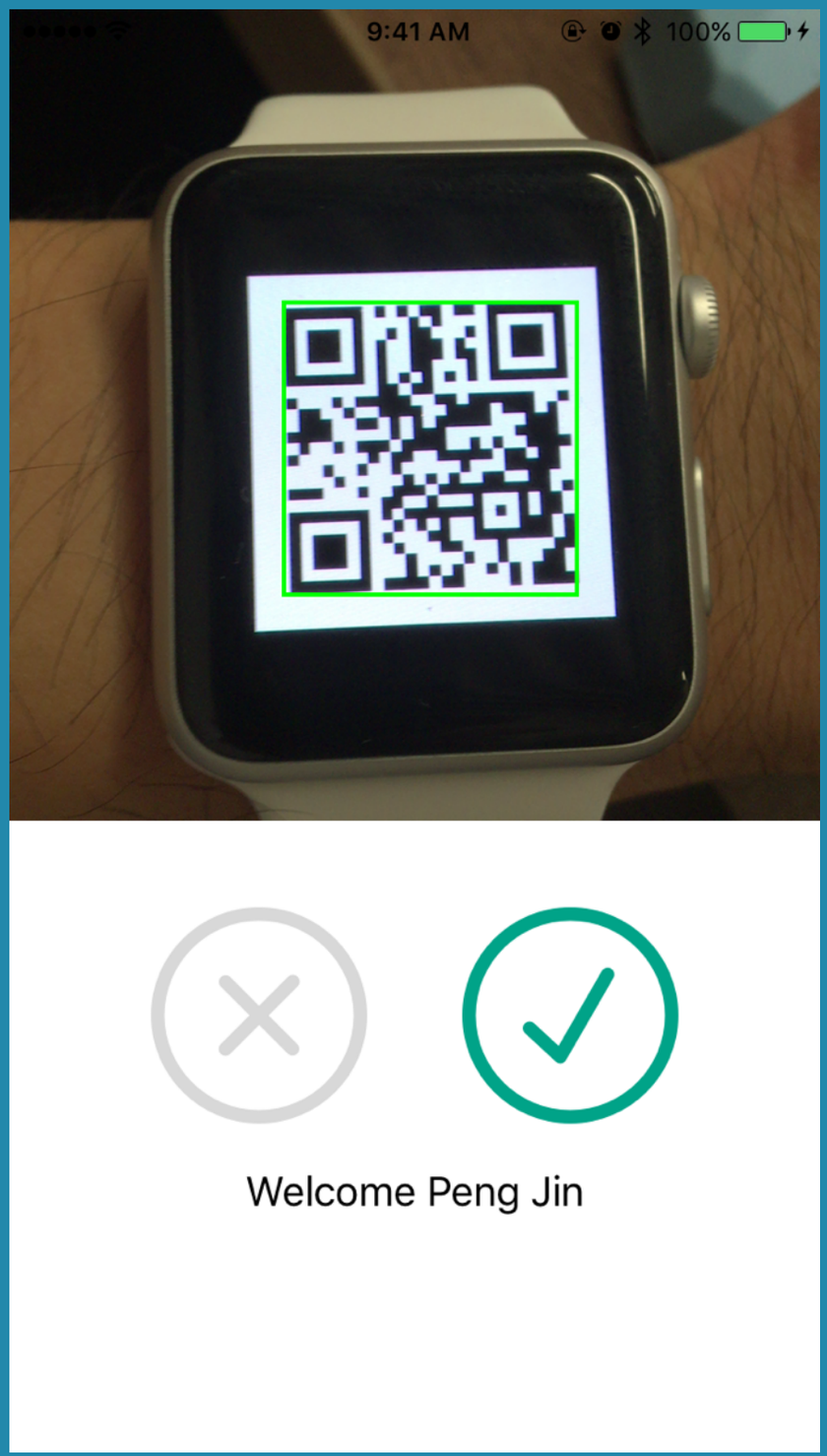

CMHK
10:55 PM
80%
Explore
1
2
3
The Century: New Year's...
Frederic Remington
Cardinal Albrecht of Bran...
Lucas Cranach the Elder
Hiawatha's Friends
Frederic Remington
Current
Explore
Ticketing
Gallery News
Settings

Map and List



Ticketing Section

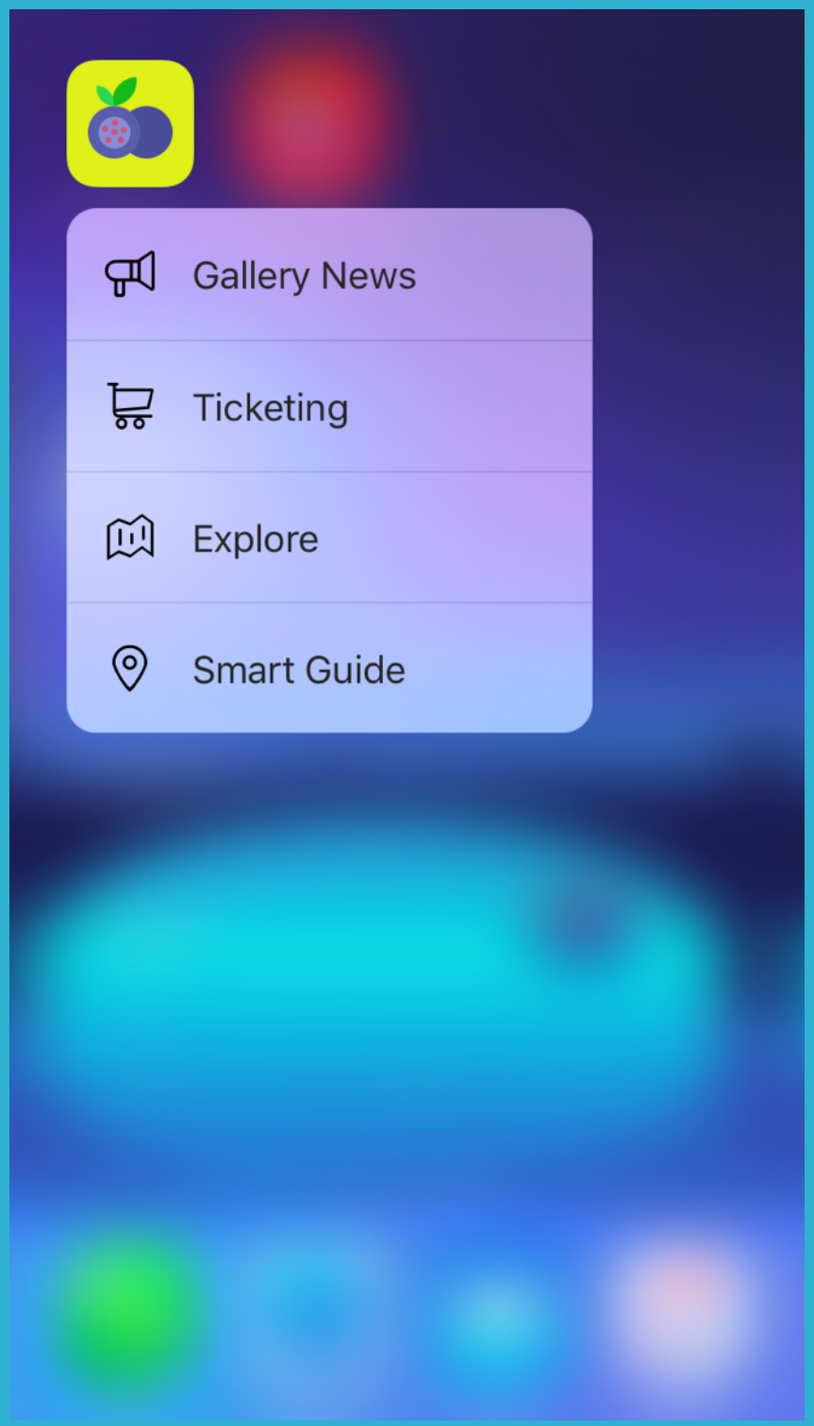
Ticket Redeem App for Organizations



Advanced Features

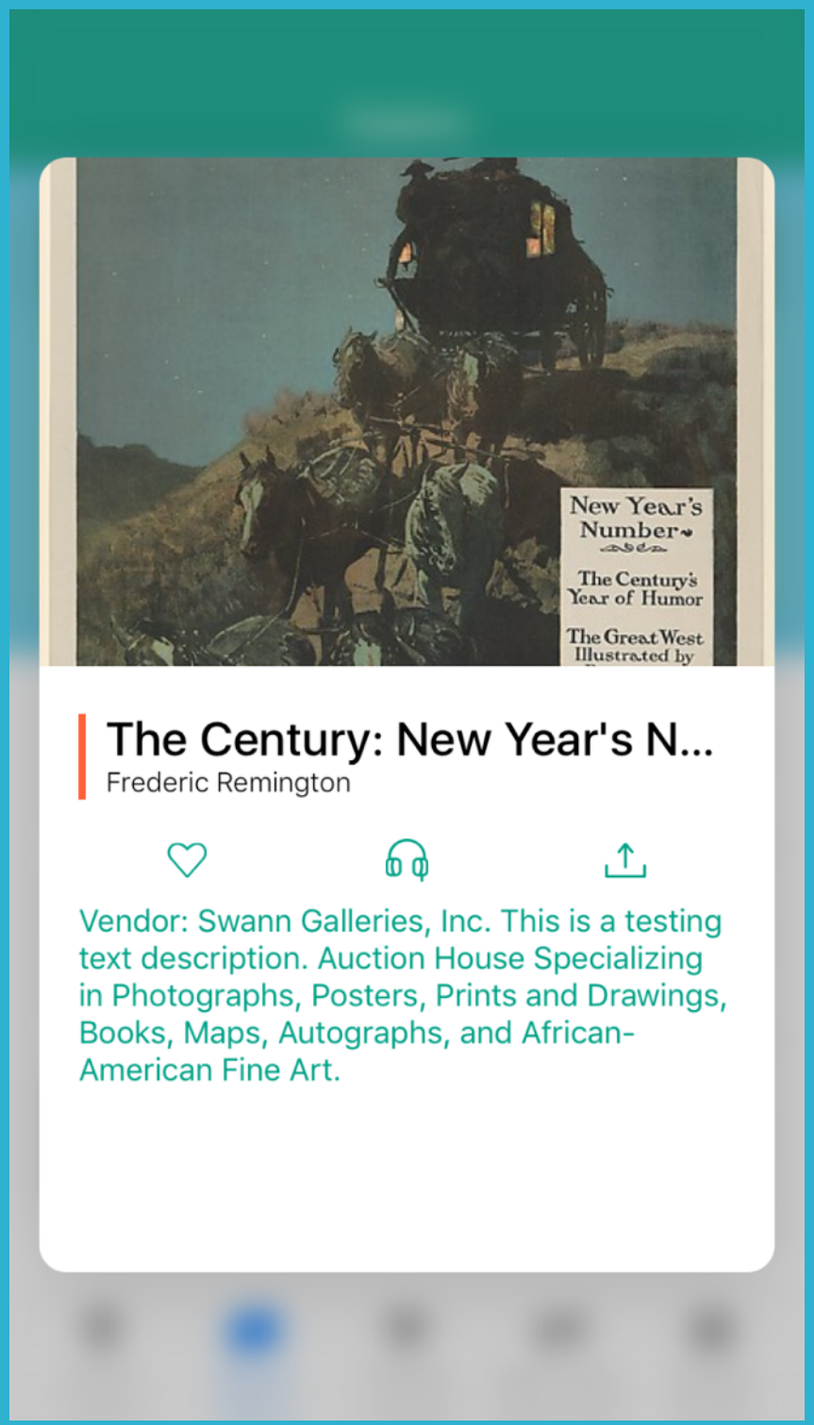
3D Touch - Home Screen Quick Actions

(iPhone 6s / 6s Plus)

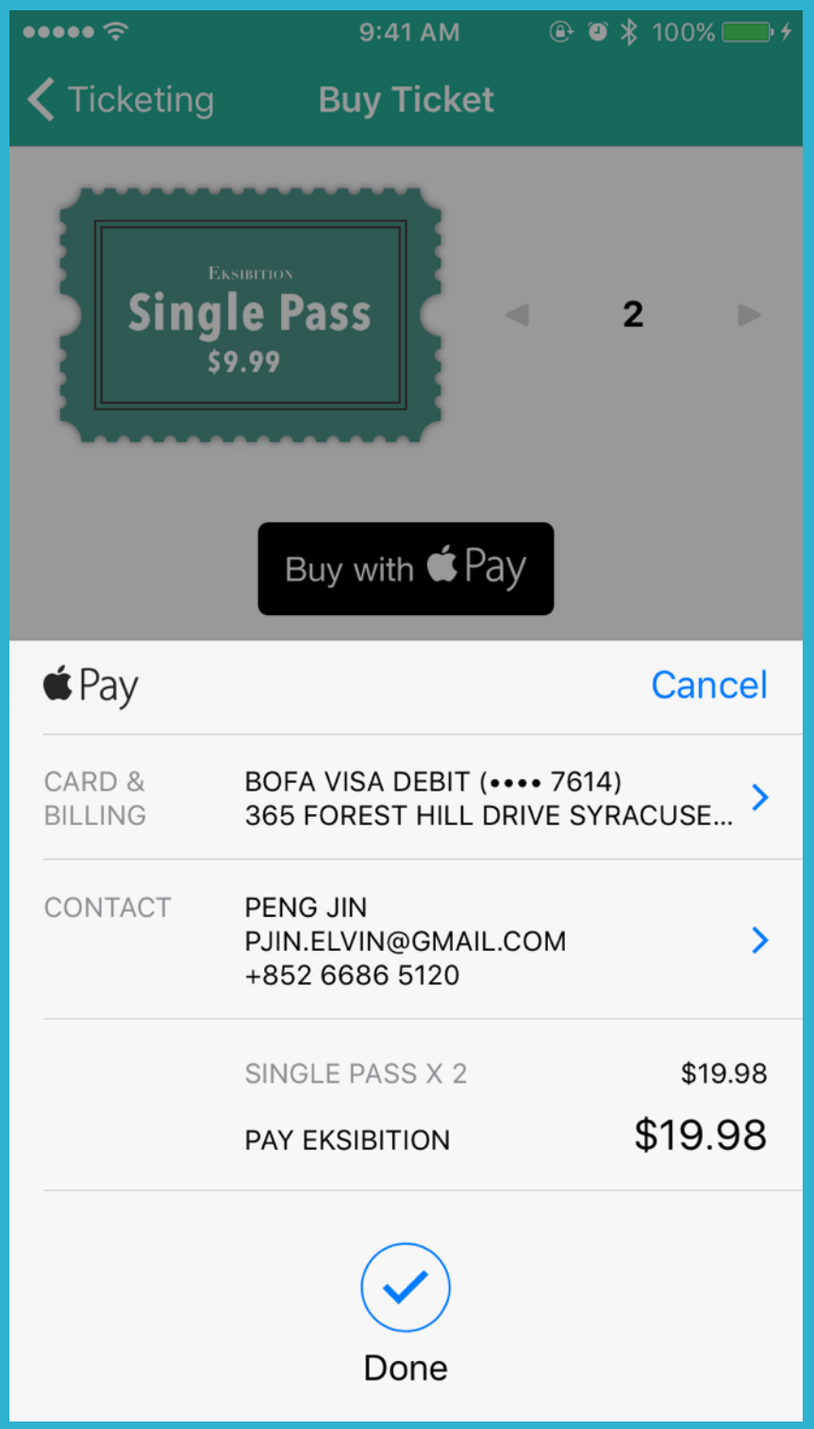


3D Touch - Peek and Pop

(iPhone 6s / 6s Plus)



Apple Pay Support



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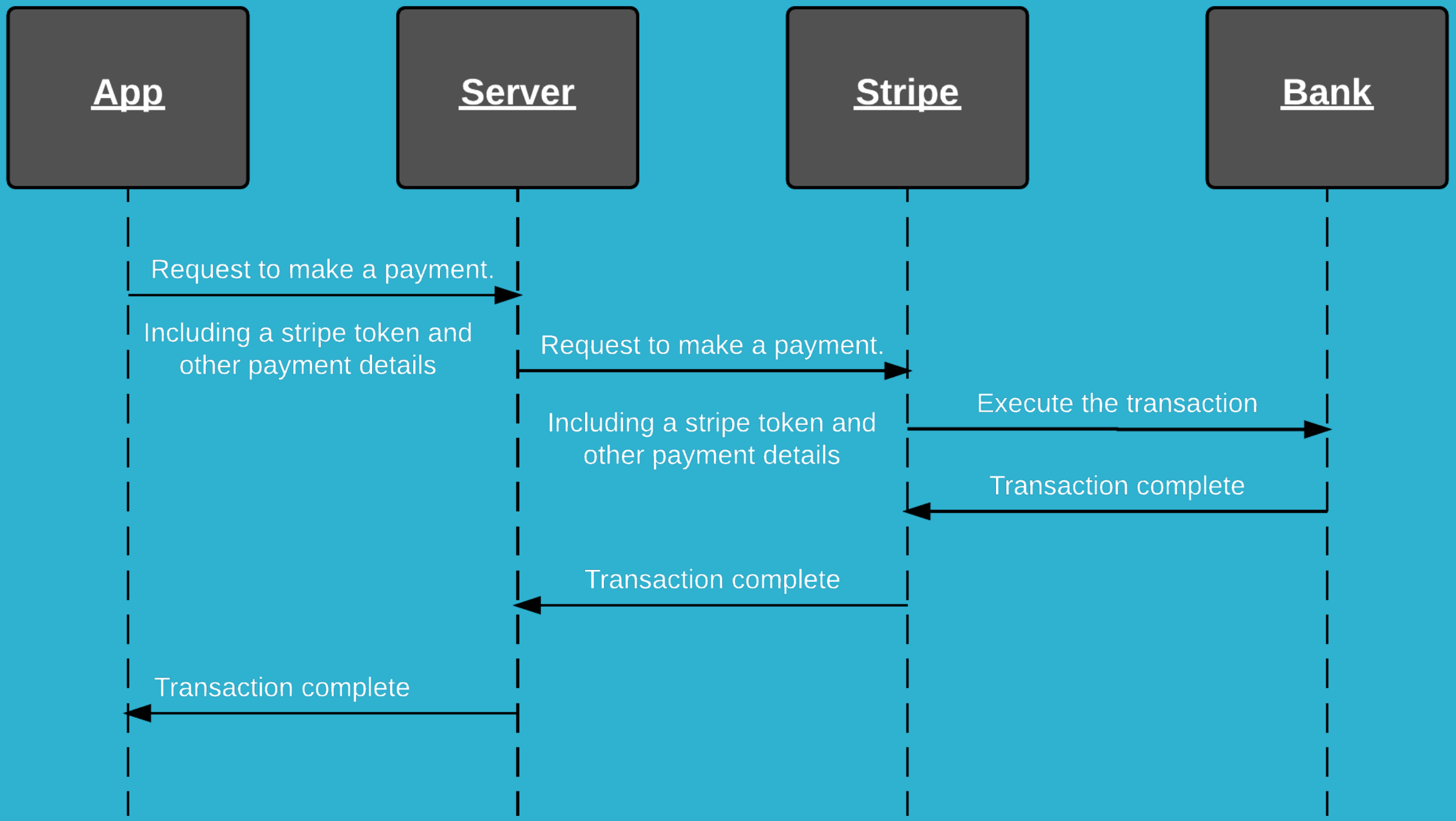
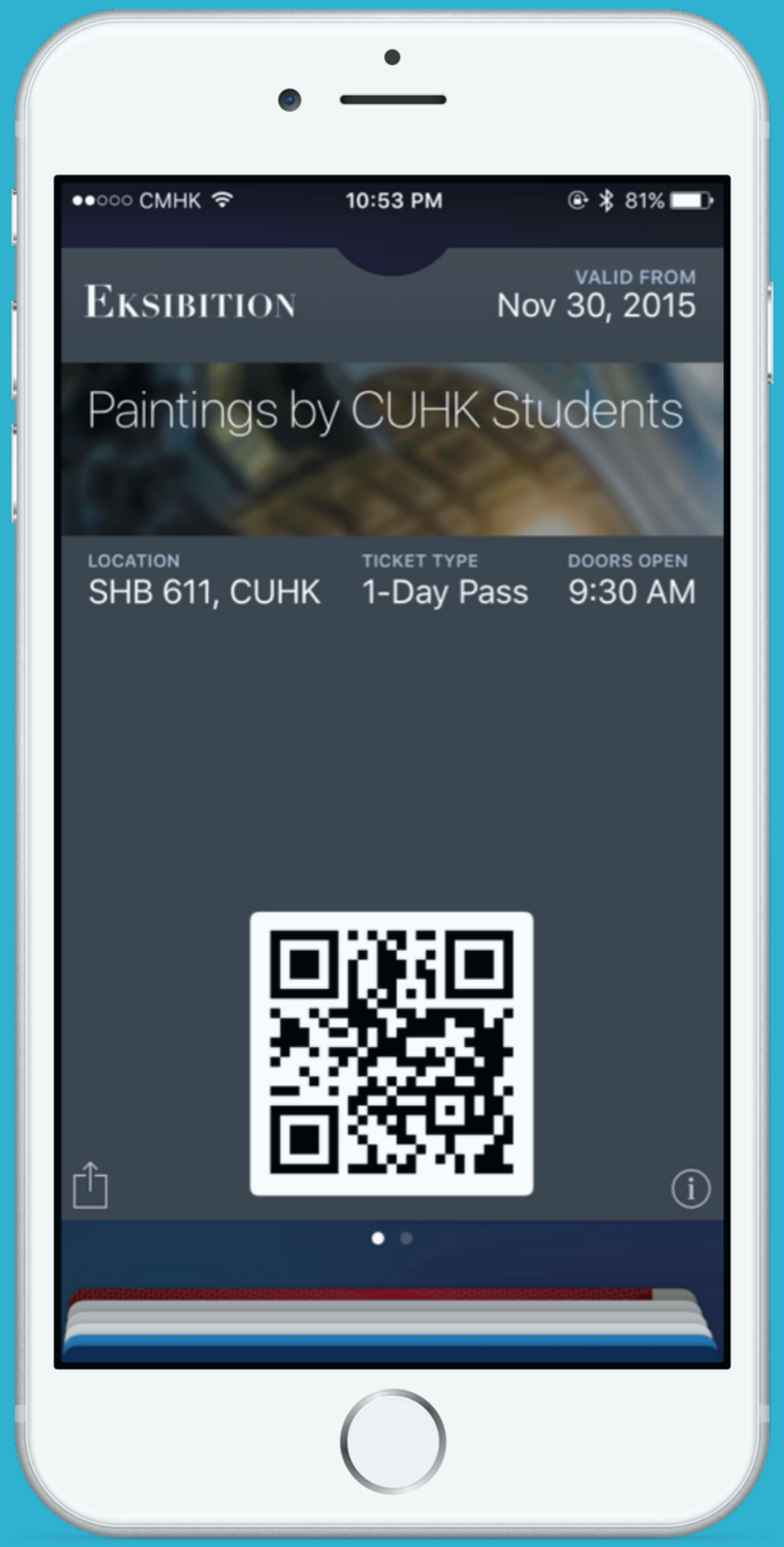


Apple Wallet e-Ticket Support



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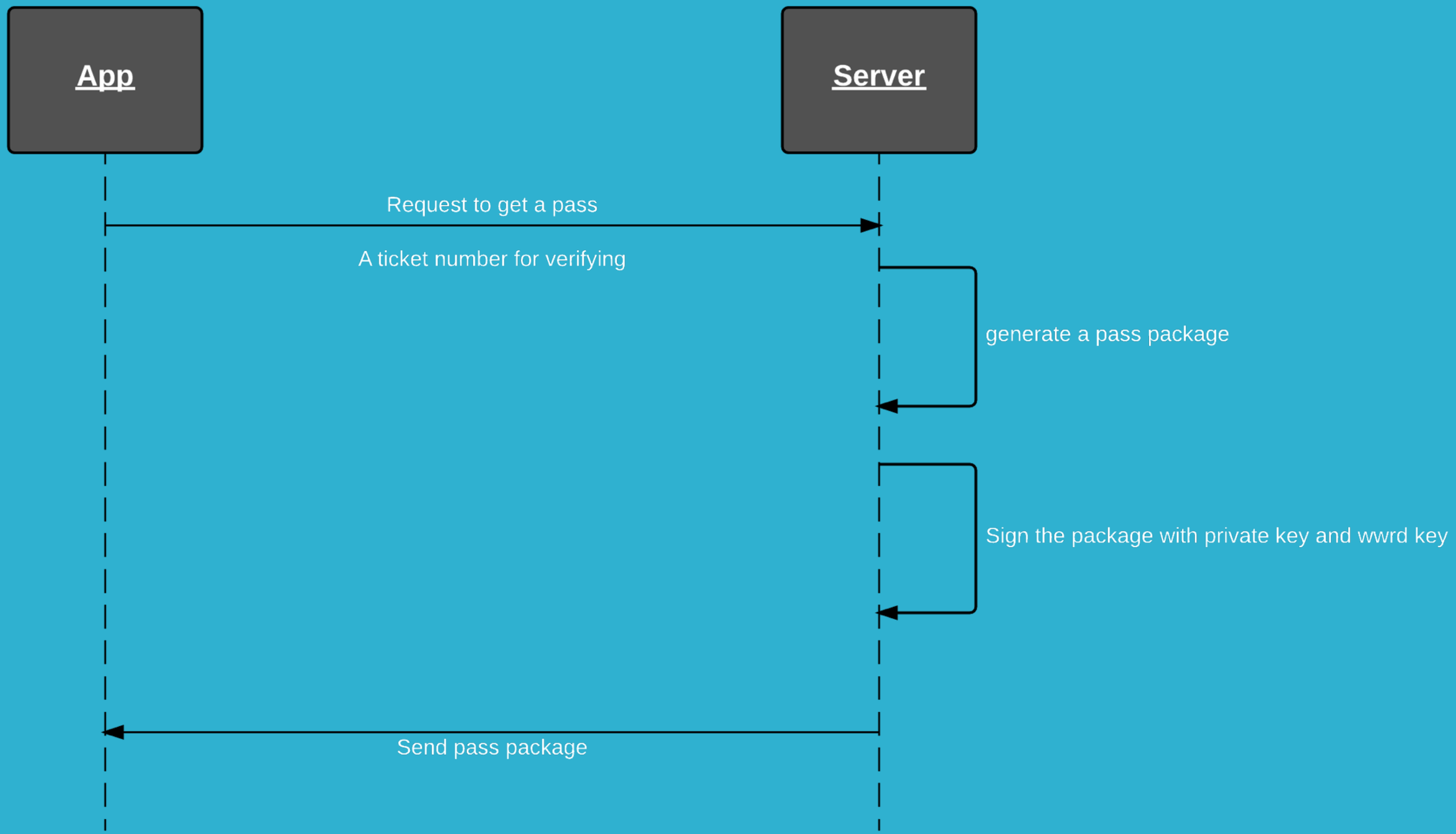
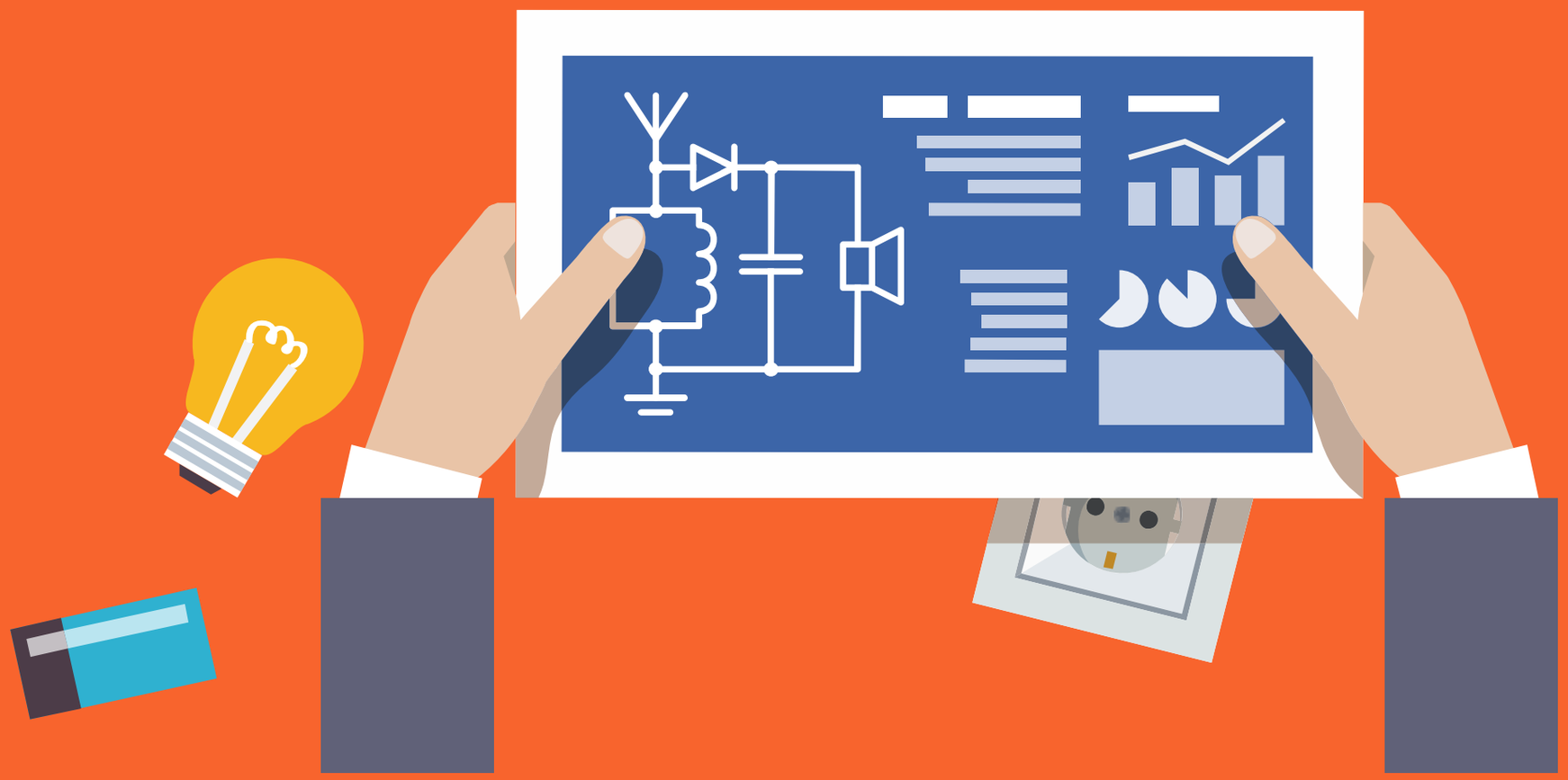


Demo



Summary

- Eksibition is a multi-function mobile application that enhances the museum visiting experience for users.
  - Purchasing and managing e-tickets.
  - Automatically show information for closest item using multimedia.
  - In-door navigation indicating users location.
- Eksibition is also a useful tool for museums and organizations to manage their activities and improve their service.
  - Counting the number of likes and shares.
  - Distribute e-tickets without any frustration.
  - Collect the information of user’s behavior.
- More to be added in the coming semester.
  - Multiple language support.
  - Smart route plan.
  - Advanced map functions.
  - Activity notification system for museums.

Thank You