Virtual Notice Board

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Traditional Notice Board

- Advertisement

- Advertisement
- Information

- Advertisement
- Information
- Allow different comments

2

Problem of Traditional Notice Board

- Limited size

- Limited size
- Messy information

- Limited size
- Messy information
- Easy to removed

- Limited size
- Messy information
- Easy to removed
- Inconvenient

- Limited size
- Messy information
- Easy to removed
- Inconvenient
- Not environmental friendly

3

Motivation

- Location Based

- Location Based
- Keep Record

4

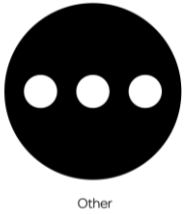
Our Virtual Notice Board

- More information

- More information
- Keep Record

- More information
- Keep Record
- Not easy to destroy

- More information
- Keep Record
- Not easy to destroy
- Well organize



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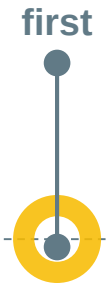
Milestone



Basic function

- Read and write

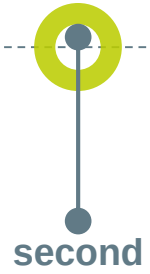
first

Basic function

- Read and write

Locating based

- Latitude and longitude
- orientation



second

first

Basic function

- Read and write

second

Locating based

- Latitude and longitude
- orientation

third

Interesting in reading message

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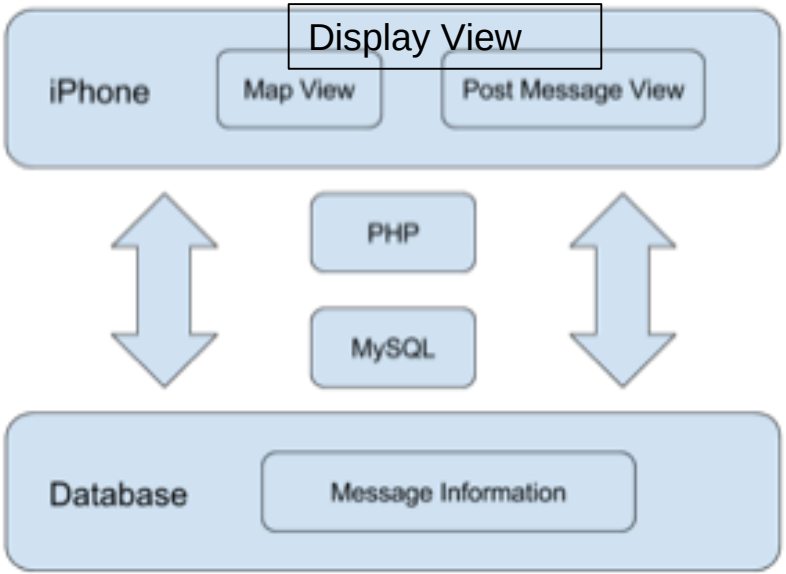
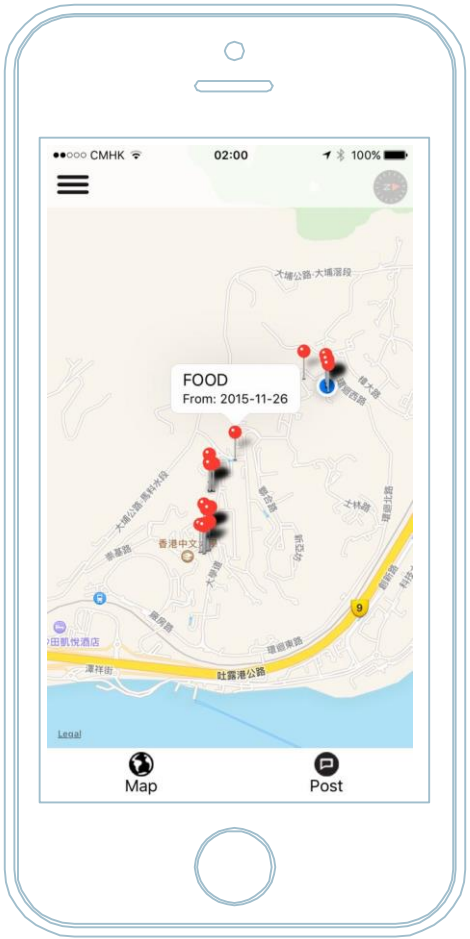
Implementation


Display View
iPhone
Map View
Post Message View
PHP
MySQL
Database
Message Information

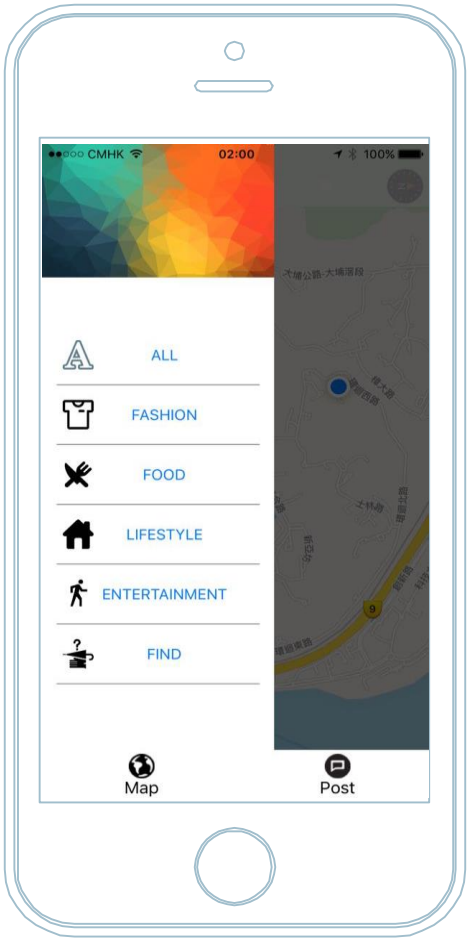
Hello!

I am POST

UI Design



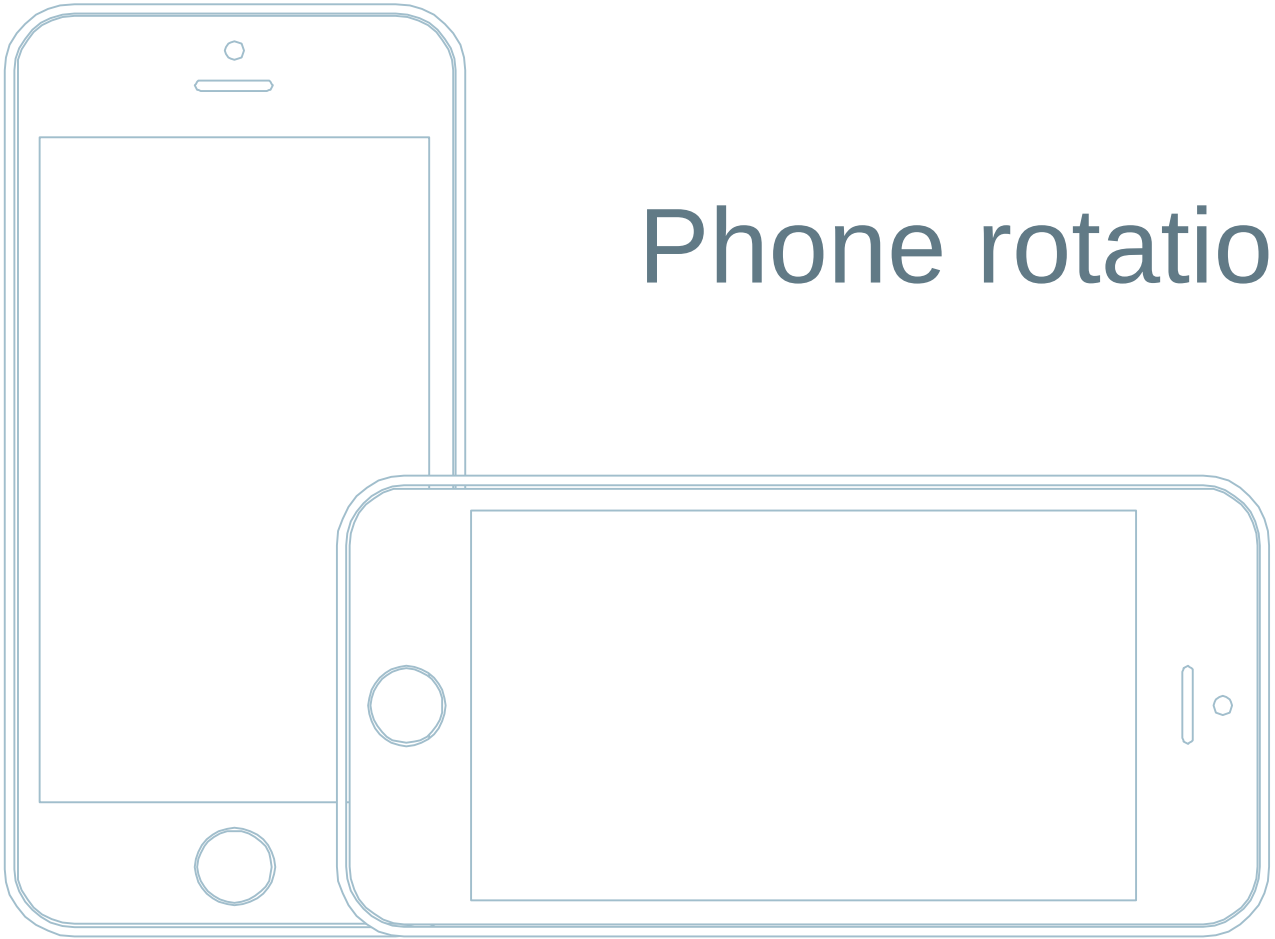
Message Location

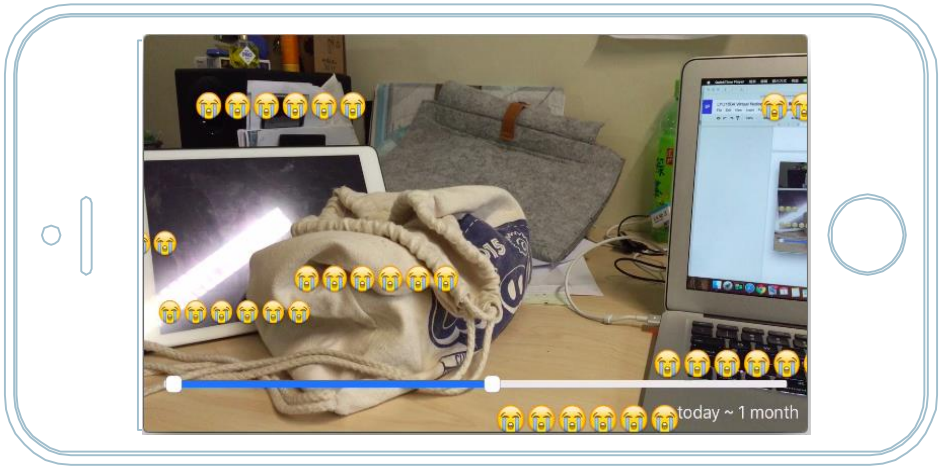


Filter Message

- Message content
- Tag
- Position information

Phone rotation





Correct orientation

- Moving message

Not correct orientation

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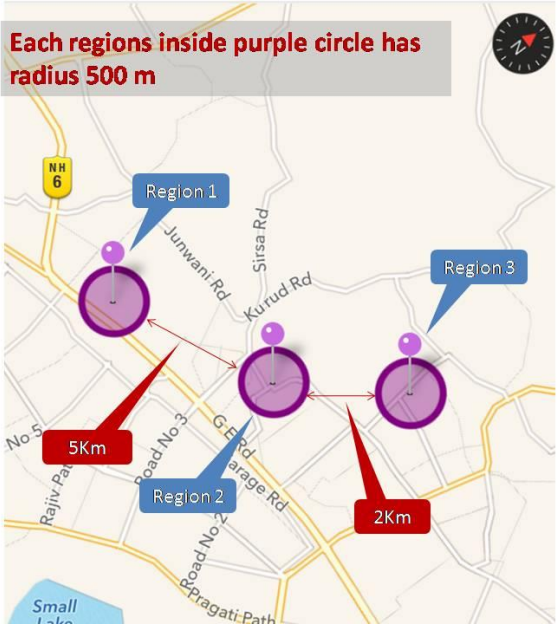
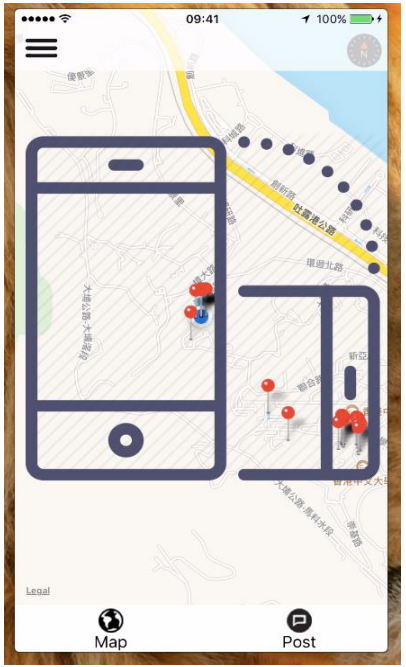
Challenge

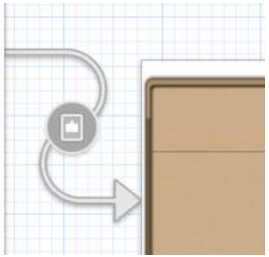
- Change in iOS and Swift Version

- Boundary of CLLocation in iOS API





- Handling segue



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Scenario

- Lost and Find

- Lost and Find
- Finding Restaurant

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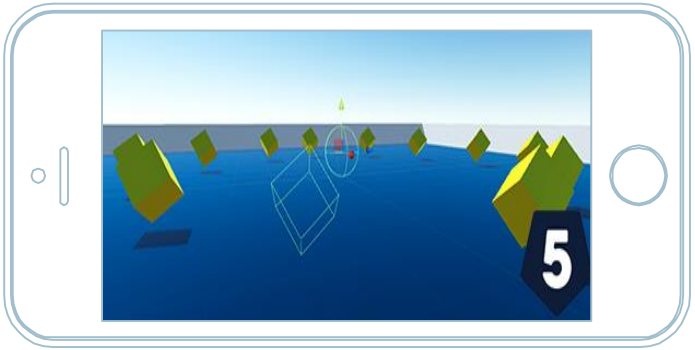
Limitation and Future Work

- Positioning System

- Positioning System
- Reading message can be more fun



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Demo Time

Thanks!

Any questions?