

# Architecture and Requirements for Web-based Signage Player – Emergency Profile

## <Status & Future Plan>

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# Current draft

- Architecture
- Requirements
- Presentation styles according to severity level
- Use cases



# Requirements

- Classification of severity level for presentation
  - Displayed differently according to the seriousness and urgency.
    - Information: weather, news
    - Minor alarm: disaster on neighboring area
    - Major alarm: earthquake, tsunami, fire
  - Not classify actual type of emergency (national regulatory issue)
- Exchanging emergency information
  - Describe how emergency information can be received by DSS using web technology.
    - WebSocket or HTTP PUSH
  - Collaborate with mobile devices through local network, if available. [UC1]
  - Upload emergency information from user's devices, during lost connection with CS. [UC1]
  - Provide detailed information to user's devices; display method in fetching information. [UC1]
- Presentation of emergency information
  - How to display the emergency information using web technology.
  - Various methods : ticker box, small window pop-up, full screen display with warning alarm, etc.



# Presentation styles according to severity level

Level 1 Example



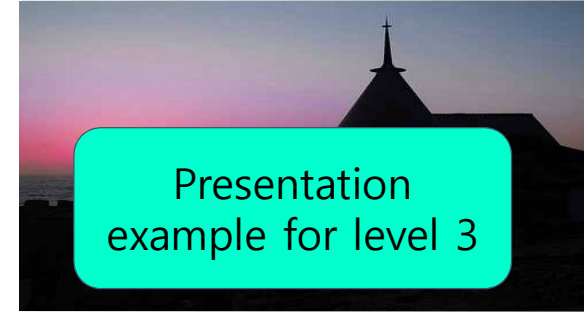
s presentation style example for level 1.....

Level 2 Example



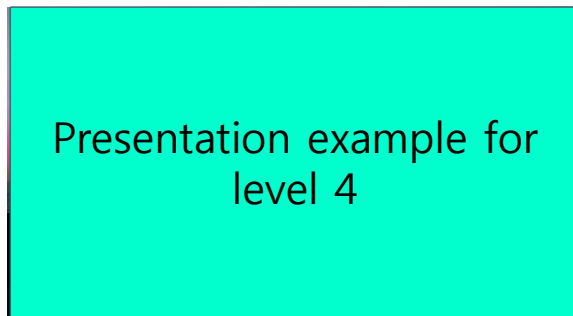
Presentation for level 2

Level 3 Example



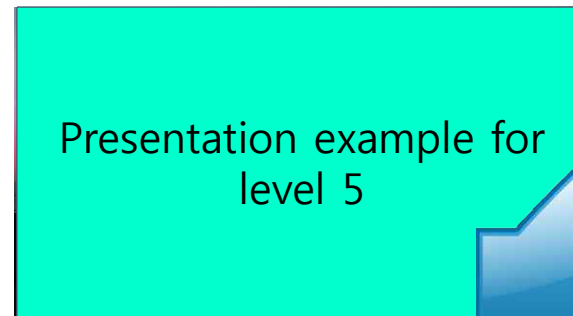
Presentation example for level 3

Level 4 Example



Presentation example for level 4

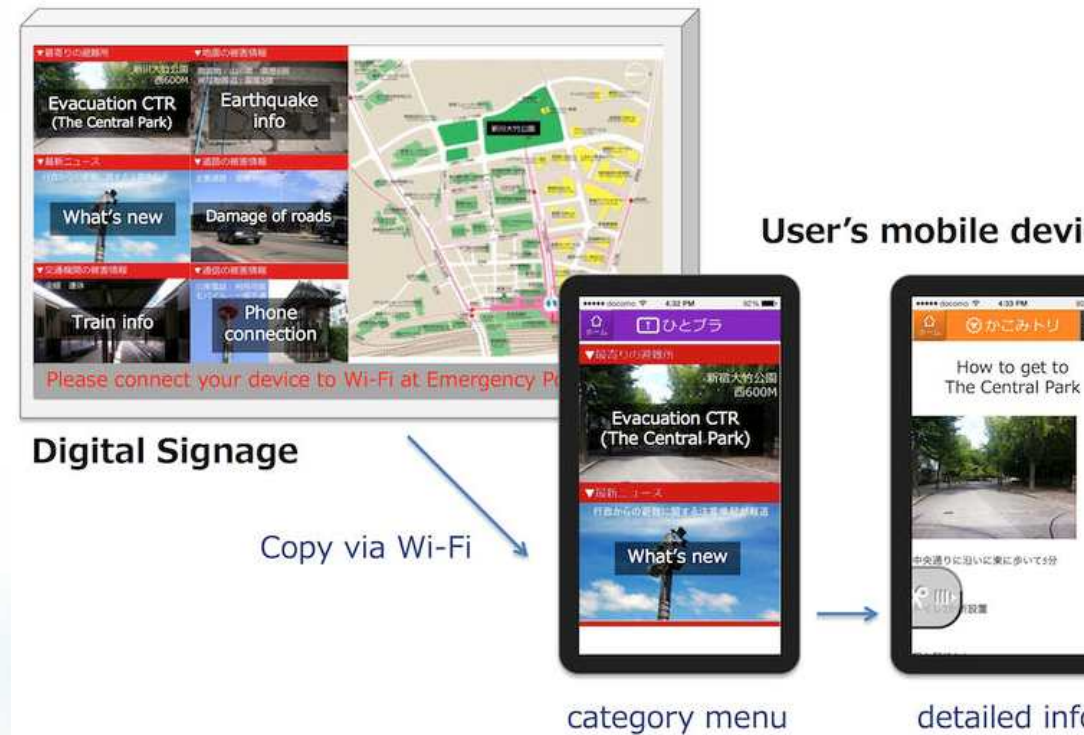
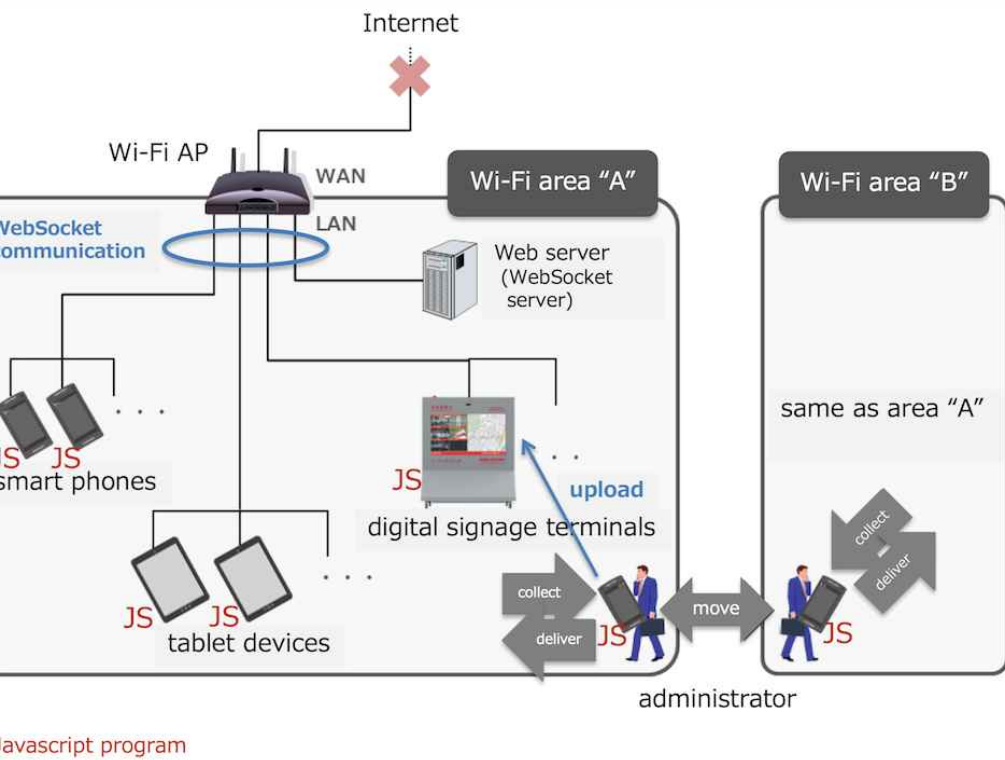
Level 5 Example



Presentation example for level 5



# UC1: Sharing emergency information with users' devices



# UC2: AMBER (Alerts or a Child Abduction Emergencies)

TBD

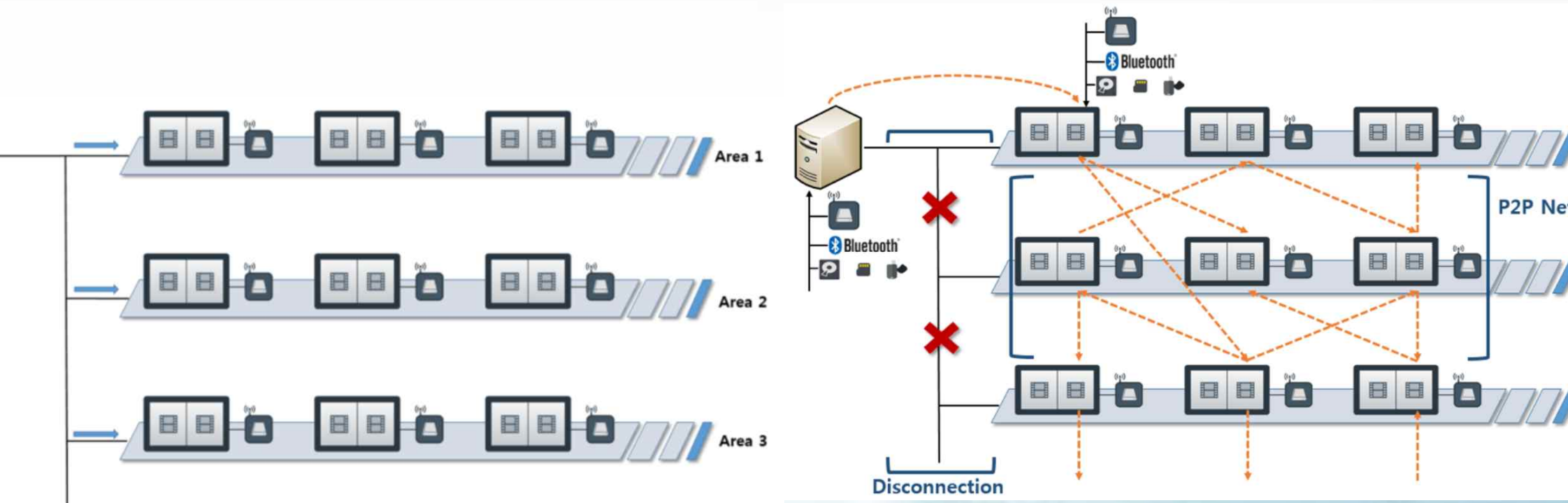
Help find lost child



Thief!!!!



# UC3: Sharing emergency information for effective distribution



# Future Plan

- Define CCS style for severity level
  - Define more use cases.
  - Define requirements from the use cases
  - Harmonized with other SDO
    - ITU-T H.DS-CASF: Digital signage: Common alerting service framework
    - ITU-T H.785: Digital signage: Requirements of disaster information services
    - ITU-T X.1303 : Common alerting protocol (CAP 1.1)
    - ITU-T X.1303bis: Common Alerting Protocol Version 1.2 (OASIS standard)
- ➔ Need to harmonize these recommendations in the Web perspectives





Thank you!

