

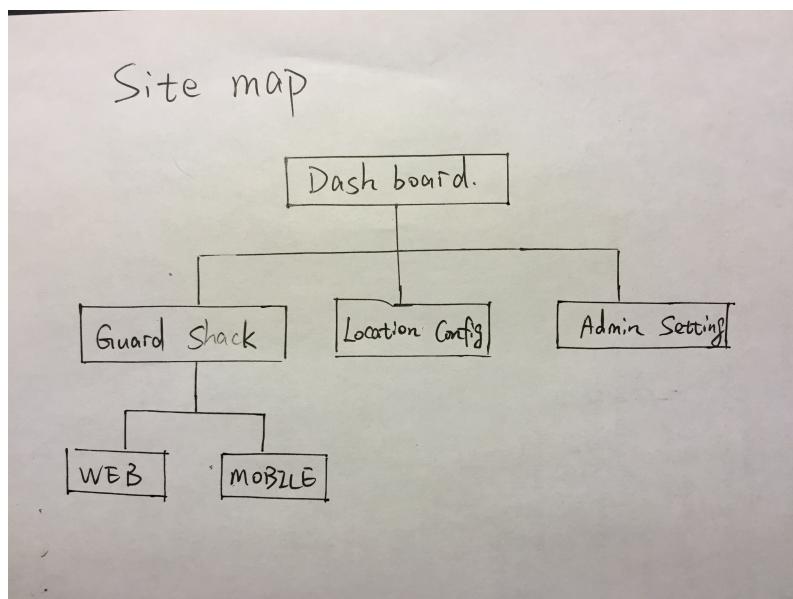
# Project Design Plan

## 1. Purpose

The project is to design web and mobile interfaces for a Yard Management Service System. The potential users are ship clerks at dock doors (web interface) and security guards at facility gates (mobile interface). This service provides real-time tracking and management for transportation vehicles in warehouse facilities.

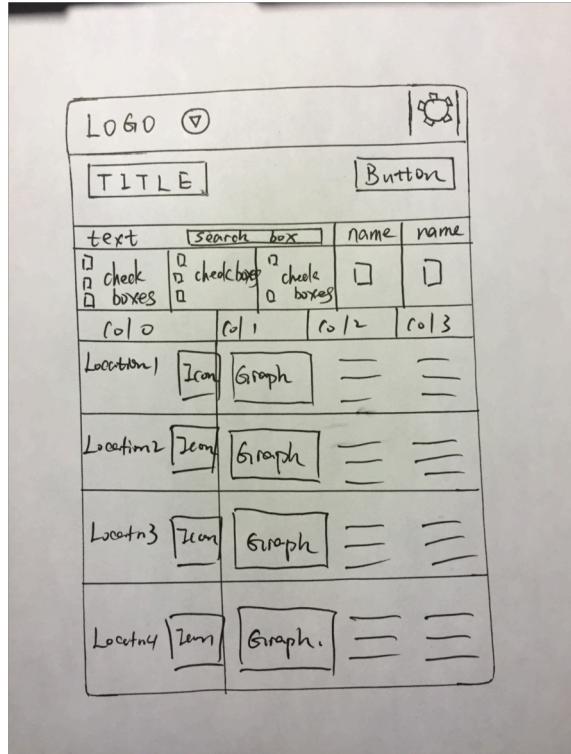
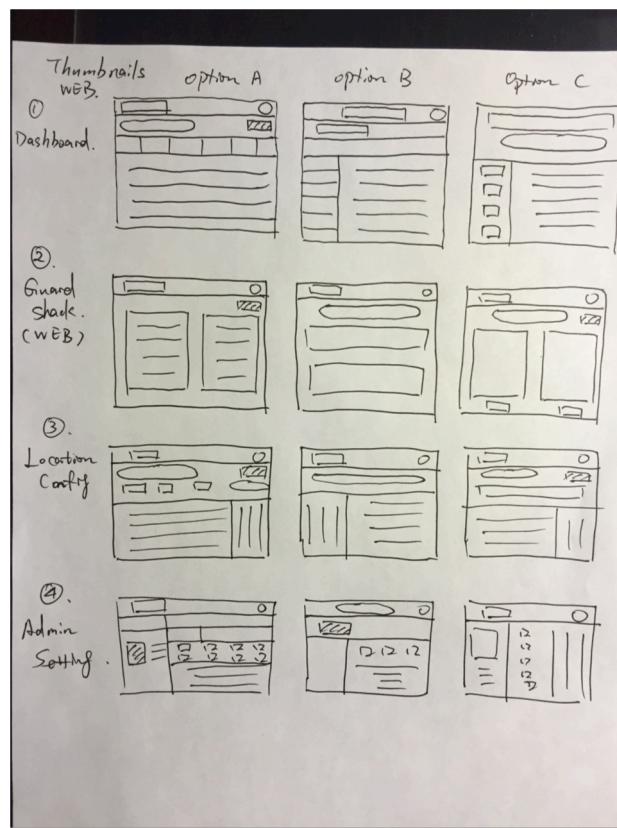
## 2. Site Map

The home page is a ship clerk dashboard page. There are two versions of guard shack apps (i.e., mobile and web). In this project, only mobile interface design is introduced. Besides, there are location configuration and admin setting pages.

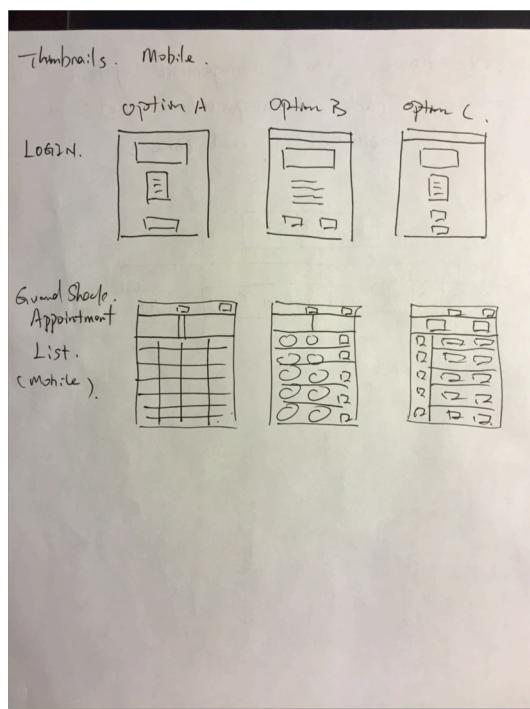


### 3. Wireframe

Web: Option A is chosen for thumbnail for dashboard page.



Mobile: Option C for Login screen; Option A for appointment list screen.



#### 4. Mock-up sketches

Web:

The hand-drawn mock-up is a wireframe representation of a web application interface for 'Yard Management'.

**Header:**

- Global Logistics logo
- Welcome message: welcome! YVR20
- Yard Actions button
- Refresh button

**Dashboard Filters:**

- inbound
- outbound
- Non-inv
- Available
- Dock
- Full
- Empty
- In Progress
- Search ...
- [clear]
- checkboxes for checking out and displaced

**Table Data:**

| Location | Vehicle | Visit Reason | Carrier | Vehicle ID |
|----------|---------|--------------|---------|------------|
| IB101 ←  |         | INBOUND      | FEDEX   | 0266       |
| IB102 ←  |         | INBOUND      | UPS     | 5374       |
| OB103 →  |         | OUTBOUND     | OTHER   | 5312       |
| OB104 →  |         | OUTBOUND     | UPS     | 5314       |

Mobile:

|                                      |     |           |     |
|--------------------------------------|-----|-----------|-----|
| Ver. 2.0.0 @YR2 01:00PM Logout: Alex |     |           |     |
| Check In                             |     | Check Out |     |
| 4 May 2015                           |     |           |     |
|                                      |     |           |     |
| 08:00                                | UPS | 2612      | ◀□  |
| 09:00                                | UPS | 2613      | ◀□  |
| 09:02                                | FDX | 2614      | □▶  |
| 09:14                                | UPS | 2615      | □=▶ |
| 09:15                                | FDX | 2617      | □=▶ |
| 10:00                                | DHL | 2620      | □=▶ |
| 10:00                                | FDX | 2700      | ◀□  |
| 11:00                                | UPS | 2900      | □=▶ |
| 12:00                                | DHL | 3100      | □=▶ |
| New                                  |     | Search    |     |

## 5. Element List

Web:  
Background  
Banner  
Button: Admin setting  
Business name  
Logo  
Topbar  
System name  
Button: yard action  
Button: locale  
Textbox: serach  
Button: clear  
Button: summary view  
Image: dock  
Image: dock\_double\_decker  
Image: trailer  
Image: tractor  
Image: box\_truck

Other directional devices include:

Scroll bar

The numbers under “Checkout” menu are clickable.

Animation:

Image of box truck has three status: empty, in progress, and full.

Mobile:

(1) Login Screen  
Background  
Business name  
Logo  
App name  
Device info  
Button locale  
Text locale  
Button scan

(2) Appointment Lists Screen

Background  
Version and location  
Logout  
Time  
Main container  
Horizontal bar

Tab checkin  
Tab checkout  
Text checkin  
Text checkout  
Bottom box  
Button new  
Button search  
Textbox search  
Appointment row 1  
Time1  
Time2  
Carrier1  
Carrier2  
Load1  
Load2  
Inbound icon  
Outbound icon  
No vehicles icon  
Button next  
Text new  
Text search  
Text next