

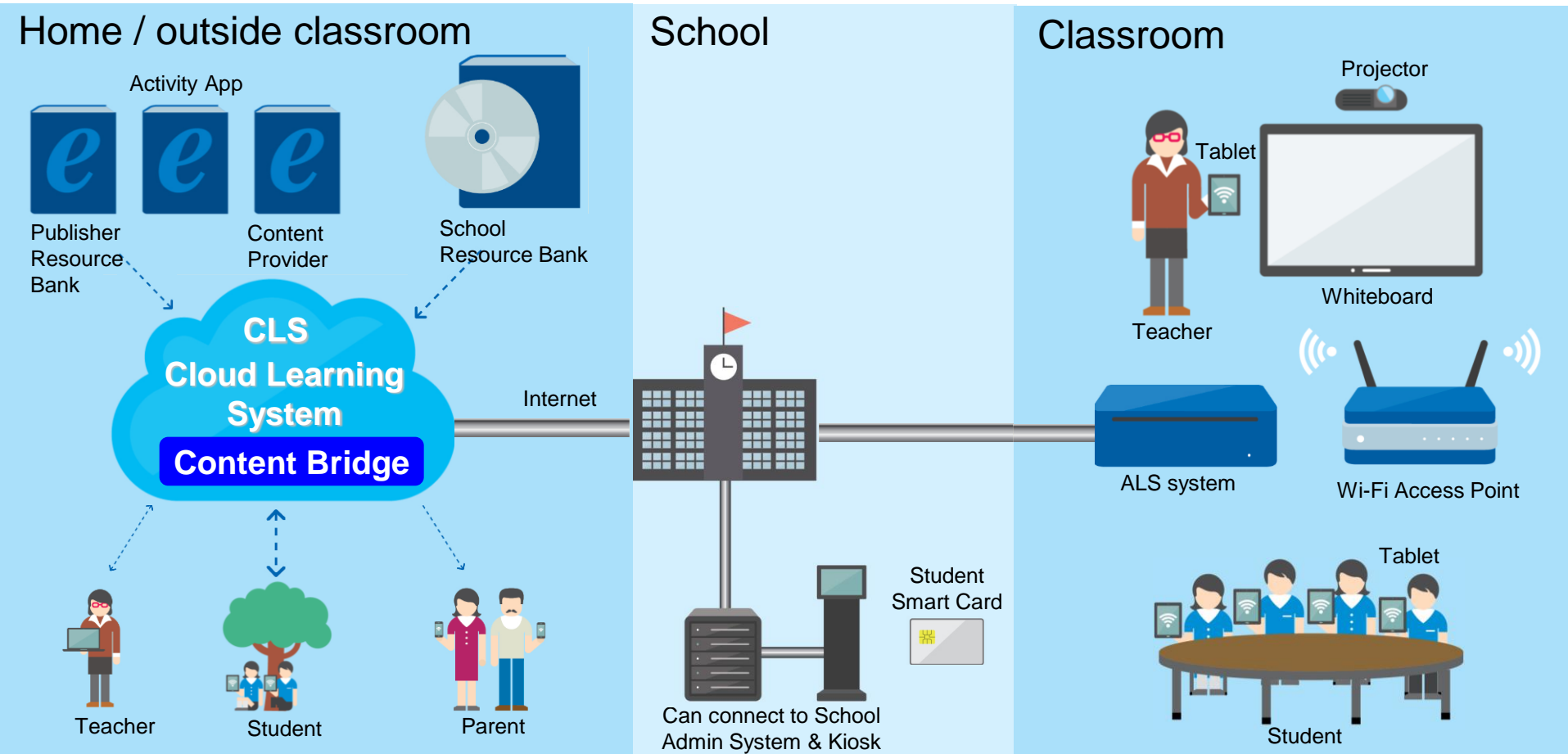
Easy Managing Mobile Devices using Android Platform

HKT Education

29th Jun 2013



Service concept



How to Manage?

1. Check the Status of Students' device

- Enough Battery?
- Have WiFi signal?
- Enough Storage space?
- Is Everything downloaded?



How to Manage?

2. Control the Screen / Disable functions

- Volume Control > Mute
- Blackout Screen
- Disable functions, menu bar



Our Solution

- Synchronize screen to students' device <math><1\text{sec}</math>
- Applies to All or Individual students' device
- Single-Screen display to check status



Easy Checking

- Mode 1: by displaying malfunctions

01 學生01 未能成功連線，請檢查無線網絡訊號是否正常

02 學生02 正在下載課程內容。

05 學生05 未能成功連線，請檢查無線網絡訊號是否正常

06 學生06 未能成功連線，請檢查無線網絡訊號是否正常

07 學生07 未能成功連線，請檢查無線網絡訊號是否正常

08 學生08 未能成功連線，請檢查無線網絡訊號是否正常

開始課堂

- No malfunctions = ALL ready



Easy Checking

- Mode 2: show functional status



- Download is not completed
- System is not ready.



- All status are good > Devices are ready

The screenshot displays a mobile application interface for classroom management. At the top left is a '返回' (Return) button. Below it is a status table with five columns: 電源 (Power), 訊號 (Signal), 容量空間 (Capacity Space), 下載內容 (Download Content), and 就緒狀態 (Ready Status). The table shows two rows of data, both with green checkmarks indicating good status. Below the table is a list of student IDs from 03 to 08. At the bottom center is a '開始課堂' (Start Class) button. The bottom status bar shows the time 17:29 and various system icons.

電源	訊號	容量空間	下載內容	就緒狀態
		正常		
		正常		

03 學生03
04 學生04
05 學生05
06 學生06
07 學生07
08 學生08

開始課堂

17:29



Devices are problem-free.

How to control during lessons?

Full Control during lesson

- Screen on Teacher's device will synchronize to students' devices.
- Students are not allowed to use specific functions on his/her own device.



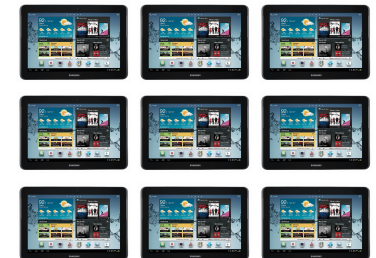
Screen Synchronized in < 1 sec



Student 1



Student 2



Students

4 Function-controls in one screen

用戶檢示

學生姓名	ALS模式	學生屏幕	互聯網	音量
01 學生01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02 學生02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03 學生03				
04 學生04				
05 學生05				
06 學生06				
07 學生07				
08 學生08				
09 學生09				

複製到剪貼簿

1. Blackout Screen

返回

用戶檢示

學生姓名	ALS模式	學生屏幕	互聯網	音量
01 學生01	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02 學生02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03 學生03				
04 學生04				
05 學生05				
06 學生06				
07 學生07				
08 學生08				
09 學生09				

複製到剪貼簿

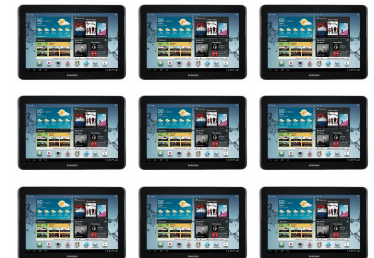
Screen of Student 1 is blacked out.



Student 1



Student 2



Students

2. Disable Menu Bar

學生姓名	ALS模式	學生屏幕	互聯網	音量
01 學生01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02 學生02	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03 學生03				
04 學生04				
05 學生05				
06 學生06				
07 學生07				
08 學生08				
09 學生09				

複製到剪貼簿



Student 1

Student 2



Students

Other Functions

- 3. Volume Control
- 4. Disable Browsing

of Individuals or All

Thank you!

