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| **E-Paper Display Unit Meeting Minutes (Codename: Banana)** |
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| KL  12-4-2015 |

Document history

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| --- | --- | --- | --- |
| **Date** | **Revision** | **By whom** | **Note** |
| 4th December 2015 | A | KL | Creation |
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Main aim is to introduce the platforms that were delivered.

* E-paper display development kit from Waveshare
* nRF51 Nordic development kit
* FRDM KL25 development kit.

Introduce Nhan Truong into the team as a hardware developer. Main responsibility: schematic capture and PCB layout.

Demonstrated and quickly evaluated the nRF UART demo program.

Discuss system architecture which will depend on the e-paper platform that we choose.

* If Waveshare platform is chosen, there is more flexibility in sending graphics such as text, simple shape (rectangular, circle, line). This is very suitable for prototyping and quickly displaying images. However the downside is images needs to be pre-loaded into a micro SD card, and components on the board is large. If a page has to be displayed, the text has to be transmitted to the Bluetooth chip and a page to be generated manually.
* If Pervasive system is used, an edp file has to be generated on the Android phone and transmitted to the display via Bluetooth. This provides flexibility to create graphics from Android phones, and transferred directly to the e-paper display. Moreover, the flexibility is greater than the embedded platform.

Also discussed about how the components should be place on a PCB board.

Discuss about expandability of the platform for future development.