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| E-Paper Flip Case Requirements (Codename: Banana) |
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| KL  [Date] |

Document history

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| **Date** | **Revision** | **By whom** | **Note** |
| 13th Nov 2015 | Draft A | KL | Creation |
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1. **Introduction**

This project is to create a simple E-paper display embedded in a cover case that can be attached to an Android mobile device via USB connection for leisure reading.

1. **System requirements**
   1. E-paper flip case functions

USB powered

Connect to an Android mobile phone via micro USB socket.

Handshake to an Android app to display epub format.

Accommodate two buttons for next page and previous page.

Embedded in a flip cover case.

Operate while the mobile device screen is locked.

* 1. Android App functions

Capable of display ebooks in epub format.

List books stored in internal storage of the phone.

User can select and open a book.

Bookmarking facility.

Handshaking with Flipcase

Listen to button commands while open.