

|  |  |
| --- | --- |
| project name | **Event Cinemas iOS Scanning App** |
| document title | Proposal for Digital Services |
| to | Andrew Milne, Candle ICT |
| date | 16th February 2012 |
| version | v.5.00 |

**table of contents**

[1. Introduction 1](#_Toc316646139)

[Version history 1](#_Toc316646140)

[Project Objective 1](#_Toc316646141)

[Contact details 1](#_Toc316646142)

[2. Solution Overview 2](#_Toc316646143)

[Release 1.0 Application Flow 2](#_Toc316646144)

[Screen Layouts 3](#_Toc316646145)

[Settings – (screen 1) 4](#_Toc316646146)

[Scan / Enter Code – (screen 2) 4](#_Toc316646147)

[Collect booking – (screen 4a / 4b) 4](#_Toc316646148)

[Collect booking – colour coding – (screen 4a / 4b) 4](#_Toc316646149)

[Last 20 collections – (screen 3a / 3b) 4](#_Toc316646150)

[iOS Version / Format 4](#_Toc316646151)

[App distribution 4](#_Toc316646152)

|  |
| --- |
| Introduction |

## Version history

|  |  |  |
| --- | --- | --- |
| **Version** | **Revision(s)** | **By** |
| 5.00 | Updates screens | Fly Digital |

## Project Objective

To develop a native iOS app to allow operators to scan barcode data, view and collect bookings.

## Contact details

Thank you for giving Fly Digital the opportunity to submit this proposal. If you have any questions please don’t hesitate to get in touch.

* Stefan Drury, Fly Digital, (0400) 130 362. [stefan@flydigital.com.au](mailto:stefan@flydigital.com.au) <http://www.flydigital.com.au>

|  |
| --- |
| Solution Overview |

## Release 1.0 Application Flow



## Screen Layouts

|  |  |  |
| --- | --- | --- |
|  |  |  |
| (1) SETTINGS | (2) SCAN / ENTER CODE | (3a) LAST 20 COLLECTIONS |
|  |  |  |
| (3b) LAST 20 COLLECTIONS - DETAIL | (4a) BOOKING RESPONSE – green | (4b) BOOKING RESPONSE – red |

## Settings – (screen 1)

Operator can enter a) Server Name and b) Kiosk ID which are stored locally on the device

## Scan / Enter Code – (screen 2)

Barcode scanning will be managed through the Linea-pro 4 hardware (<http://ipclineapro.com/>) already purchased by AHL. An SDK is available which will need to be integrated into the app. The focus of the barcode entry field must be set on page load, ie: [field becomeFirstResponder]. The GetBookingsPickupPrintStream call will be sent to: <http://[SERVERNAME]/wsvistasalessrvr/wsvistasalessrvr.asmx>

## Collect booking – (screen 4a / 4b)

Tapping ‘collect booking’ will call the BookingsCollected command with the response code being sent back to the Scan / Enter Code (screen 2). This allows the whole process to work on a single tap, ie:

1. Scan (automatically submits form and calls VSS)
2. View booking
3. Tap ‘collect booking’
4. Returned to Scan / Enter Code (screen 2) with ‘previous collection’ details and repeat from step 1

## Collect booking – colour coding – (screen 4a / 4b)

* A returncode of 0 with display a green panel and the data shown in screen 4a above
* A returncode of 0 with items in the ~txtItem parameter which ARE ONLY 3D Glasses should display green and the additional message “Don’t forget your 3D glasses”
* A returncode of 0 with any items in the ~txtItem parameter which are NOT 3D Glasses should display red and the message “Candy Bar Items Found – Go to box office”
* A returncode other than 0 should display a red panel and the message “Booking not found”

## Last 20 collections – (screen 3a / 3b)

The details of the last 20 collections should be stored locally on the device and be browsable as a TableView by tapping the ‘last 20’ button (screen 3a). Tapping an item returns a detail view (screen 3b).

## iOS Version / Format

The app will be developed for iOS 5+ with a portrait view for iPhone / iPod Touch only.

## App distribution

The app will not be publically available in the iTunes store. It will be able to be loaded onto up to 100 devices (Apple limitation) using the ‘Ad Hoc Distribution’ method.