Purpose

To allow family members to communicate with a family member in palliative or respite care where the family member has low technical ability or motor control.

Problem

Bill is 72 years old. Due to declining health and mobility he has moved from his home to a facility where he can get assistance with day to day tasks. Bill is alert, can work the TV remote, but has some trouble with mobility and fine motor control.

Bill has several family members that visit as often as possible. They would like to include Bill in more of the families activities but because of Bills motor skills he is unable to manage a tablet or smartphone and therefore social sharing platforms such as facebook and instagram are not something Bill can manage.

Bills family would like to be able to send Bill photos of what they are doing but are unable to due to the requirements social sharing applications would place on Bill.

Because of the level of motor and technical skill required to operate tablets and the respective social sharing platforms Bill is cut off.

Goal

To provide a way for Family members to share images with Bill online from their mobile devices. Provide Bill with a way to view the images without needing to interact with the display device.

Primary users

Family members (not in care)

The core user group will be the family members wanting to communicate with the family member in care. They will be primarily reponsible for setup and management of the App.

Secondary users

Palliative care staff

There needs to be consideration for Palliative care staff that may, if required, provide some assistance with the application should there be an issue. As carers will be interacting with the patient we need to be aware of how the App may impact thier work practises.

Family member in care

We expect the family member in care to have low motor or technical ability and therefore the application will be designed to run withouth their interaction. This user group will essentially be consumers of the information.

Initial development scope

For initial testing purposes the scope will be limited to 1 sending device and 1 receiving device running iOS. This will allow for controlled testing of the application in field.

Proposed solution

To allow for separation and management of sharing and viewing features the solution will be split into 2 Apps. The App for sending photos will be called "Share" and the App for viewing the images will be called "View". These are just working titles to allow for development and ease of discussion.

Initial setup

Process - Share App

1. Family member loads "Share App" onto personal device
2. Family member is presented with one predefined photo Album.
3. User can select album to open it.
4. Application presents Album with defined ID and Pin. Displays a button to allow the user to Add photos.
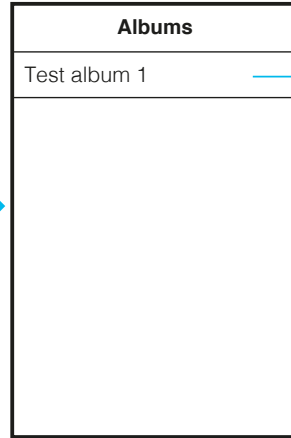

Process - Viewer App

1. Family member loads "View App" onto presentation iPad.
2. Family member Opens application and is prompted to enter the Album ID and Pin code for access.
3. Application asks user to enter Sleep and Wake times.
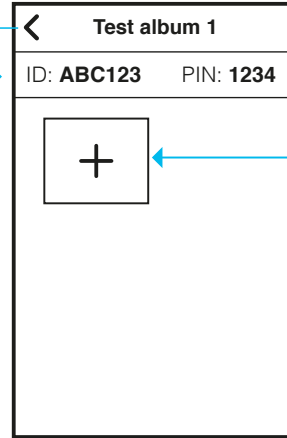4. After submission the Application begins displaying Photos from the chosen Album.

Share app

Welcome / Loading screen

Welcome to
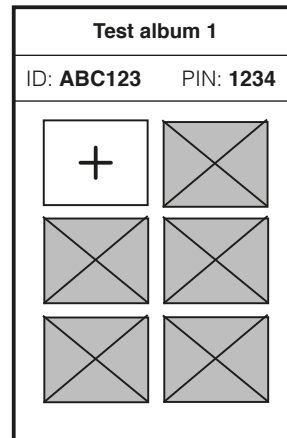**Fangle Share**

Albums screen

Albums

Test album 1

Selected Album

‹   **Test album 1**

ID: **ABC123**   PIN: **1234**

+

**Lauches standard iOS
add from library /
use camera function**

Selected Album
After images added

Test album 1

ID: **ABC123**   PIN: **1234**

+

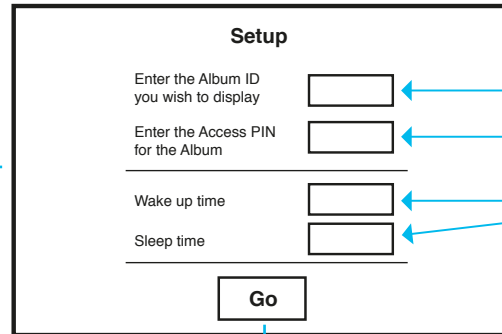**Photos displayed with
most recent at the top**

**10 photos maximum.
Adding photos after 10 will
remove the oldest photo and
replace it with the new photo.**

fangle

View app

Welcome / Loading screen

Welcome to
Fangle Viewer

Setup

Setup

Enter the Album ID
you wish to display

Enter the Access PIN
for the Album
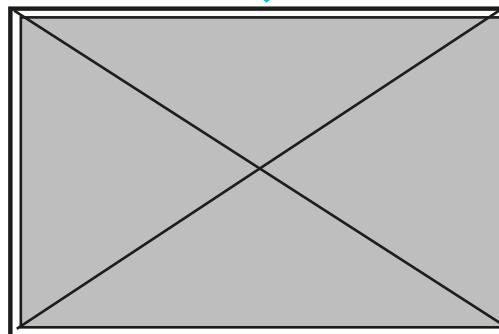
Wake up time

Sleep time

Go

Open standard iOS Keyboard

Open standard iOS Number pad

**Opens standard iOS
time select**

Display mode

**Images from album are displayed for
5 minutes before transitioning to next image.
Cycle is repeated.**

**Between Sleep and Wake up times a black image
is displayed simulate the App is in sleep mode.**

**Touching the ipad screens returns the user to the
setup page.**

**Swiping the screen right to left transitions
to the next photo**

Contact information

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