Model No.:
BW121
Ssmart FamilyFit Scale

App Spec

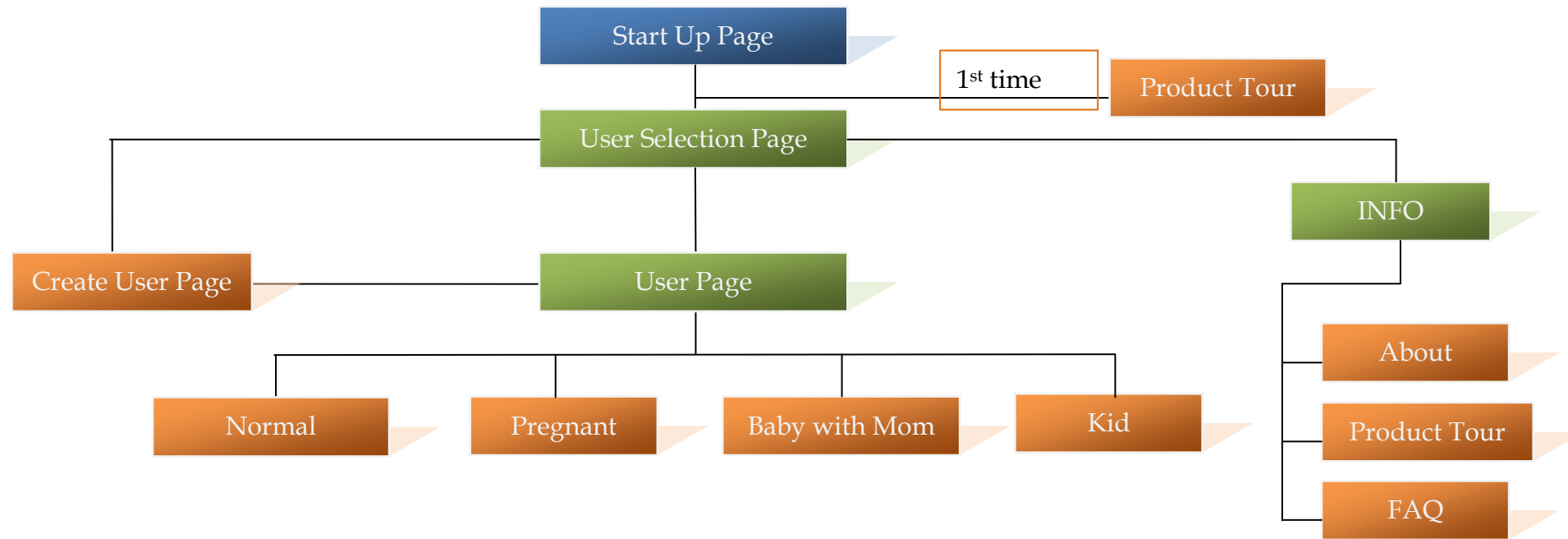|			
1.1	Change model name and number	Kevin Yu	18/12/2013
1.0	Art work update	Kevin Yu	26-11-2013
0	First Release	Kevin Yu	18-09-2013
Rev.	*Description*	*Issue*	*Date*

Product Feature:

- ➢ One scale for different user group
- ➢ Measure weight and BMI
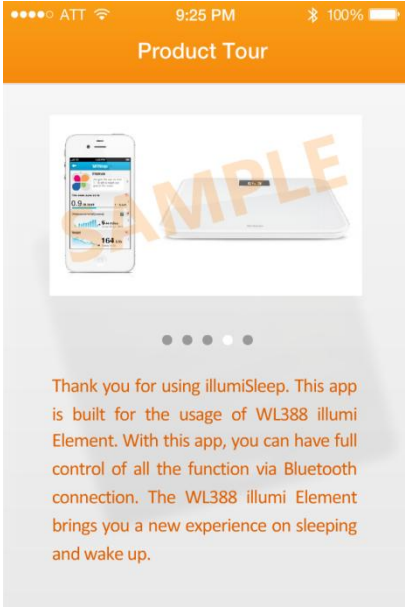- ➢ BLE connection

App Features:

- ➢ Interface for input user data, e.g. age, height etc
- ➢ Separate different user group: Normal, baby, pregnancy, kid.
- ➢ Normal: Talking weight and extra large fonts for elderly
- ➢ Baby: growth weight chart
- ➢ Pregnancy: weight gain tracker
- ➢ Kid: height chart

System Requirement:
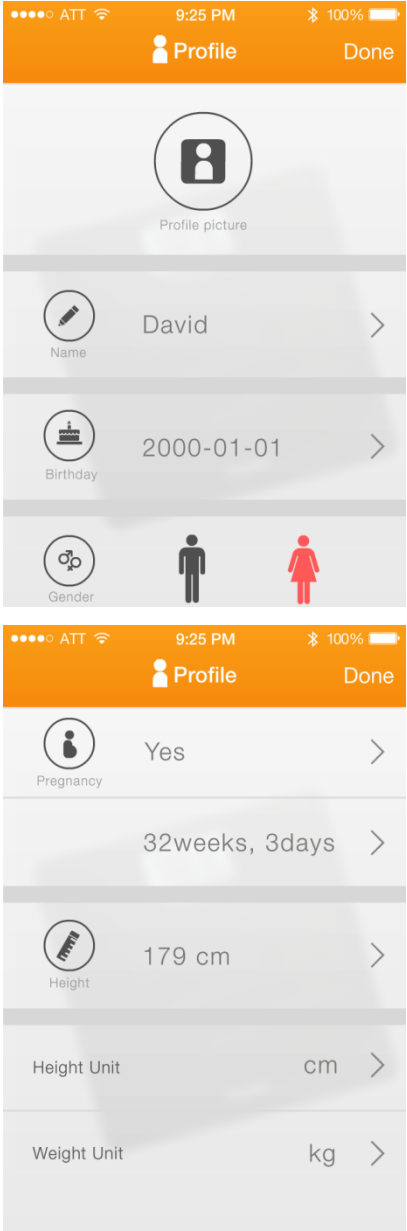
- ➢ iOS 6.0 or above
- ➢ Android 4.3 or above
- ➢ Support BLE

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                          ┌─────────────────────┐
                          │    Start Up Page     │
                          └─────────────────────┘
                                     │
                                     │          ┌──────────┐   ┌─────────────────────┐
                                     │          │ 1st time │───│   Product Tour      │
                                     │          └──────────┘   └─────────────────────┘
                          ┌─────────────────────┐
                ┌─────────│ User Selection Page  │───────────────────────────┐
                │         └─────────────────────┘                            │
                │                    │                              ┌─────────────────────┐
                │                    │                              │        INFO         │
                │                    │                              └─────────────────────┘
    ┌─────────────────────┐ ┌─────────────────────┐                          │
    │  Create User Page   │─│     User Page       │                          │
    └─────────────────────┘ └─────────────────────┘          ┌─────────────────────┐
                │                    │                        │       About         │
     ┌──────────┼──────────┬─────────────┐                   └─────────────────────┘
┌─────────┐┌─────────┐┌──────────────┐┌────────┐             ┌─────────────────────┐
│ Normal  ││ Pregnant││ Baby with Mom││  Kid   │             │   Product Tour      │
└─────────┘└─────────┘└──────────────┘└────────┘             └─────────────────────┘
                                                             ┌─────────────────────┐
                                                             │        FAQ          │
                                                             └─────────────────────┘
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BW121 App flow 2013-11-22

By Billy Chang

Create/Edit profile

Instruction for "How to measure with baby"

1 Please step on to weighting your body weight first

2 Please hold a baby and step on the scale again

Start up app

Product tour pages

Product Tour

Thank you for using ilumiSleep. This app is built for the usage of WL388 illumi Element. With this app, you can have full control of all the function via Bluetooth connection. The WL388 illumi Element brings you a new experience on sleeping and wake up.

Choose/Add User

Choose User
- David
- Amy
- Ricky
- Stacy

Main (Normal)
David Brown
178.5 lbs
BMI : 25   Normal
08 May 2013
Weekly Monthly Yearly
Weight / lbs
61lbs

Main (Pregnancy)
Amy
178.5 lbs
BMI : 25   Normal
08 May 2013
Weekly Monthly Yearly
BMI
61

Main (kids)
Ricky
178.5 lbs
BMI : 25   Normal
08 May 2013
Weekly Monthly Yearly
Weight / lbs
61lbs

Main (Baby with adult)
Stacy
178.5 lbs
08 May 2013
Weekly Monthly Yearly
Weight / lbs
61lbs

Horizontal view 01(scale)
David Brown
178.5 lbs
BMI : 25   Normal

Horizontal view 02(chart)
08 May 2013
Weekly Monthly Yearly
Weight / lbs
61lbs

Settings
Settings   Done
2000-01-01 16:00
Every Day
65 lbs
Set target weight
Talking Feature

Share
David Brown
08 May 2013
Weekly Monthly Yearly
Weight / lbs
Message Mail Twitter Facebook
Copy Slideshow AirPlay Assign to Contact
Cancel

Data Input
Input data   Done
You can manually input your data here.
Date to input
08 May 2013
Weight   0 lbs
Height   None

Chart (BMI)
David Brown
08 May 2013
Weekly Monthly Yearly
BMI
61

Change User
Settings
Share
Input data

Screen Shot	Content	Remark
	Startup Page ➢ Show OS Logo and Product Shot ➢ Auto connect to main unit and show the connecting icon. TBC ➢ User still can move into User Selection Page although no BT connection.	
	Product Tour ➢ The content of product tour will be defined in this file later	Reference WL388
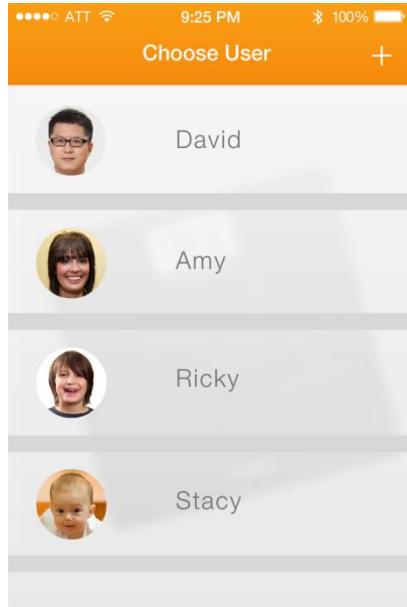
	User Selection Page	
●●●●○ ATT 🛜 9:25 PM 🔋 100% ▮ **Choose User** ✛ David Amy Ricky Stacy	➢ Show the thumbnail of all existing user a/c for selection ➢ Max number of user a/c is 10. ➢ A button for creating new user a/c ➢ An indication showing the connection status, i.e. connected, or disconnected	

Screen Shot	Content	Remark
	Create User Page ➢ Input name ➢ Input photo ➢ Input date of birth ➢ Input gender ✧ If female, ask pregnancy and week ➢ Input height ➢ Select unit kg/lb, cm/ft	
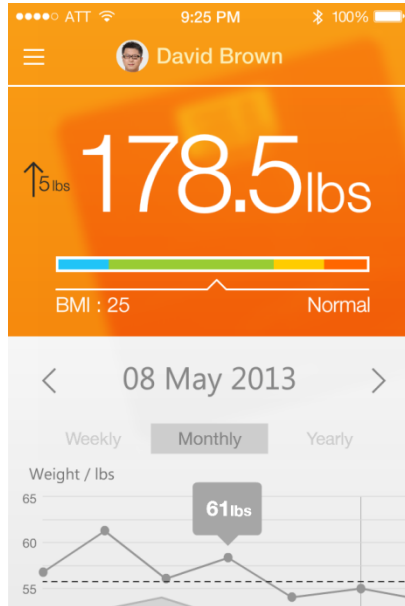
User Page

The User Page shows the measurement and history of user weighting info. Based on user info, they will be assigned to 4 different age groups, which are Normal, Pregnancy, Baby With Mom, Kid.

Normal (age 11-120)

- ➢ Show user name
  - Press on thumbnail or name to edit user info
- ➢ Show current weight (scale reading)
- ➢ Show current BMI
- ➢ Show weight chart
- ➢ Show BMI chart
- ➢ Show height chart

All chart can change by day/week/month/yr

$BMI = kg/m^2$

Classification	BMI(kg/m²)	
	Principal cut-off points	Additional cut-off points
Underweight	<18.50	<18.50
Severe thinness	<16.00	<16.00
Moderate thinness	16.00 - 16.99	16.00 - 16.99
Mild thinness	17.00 - 18.49	17.00 - 18.49
Normal range	18.50 - 24.99	18.50 - 22.99
		23.00 - 24.99
Overweight	≥25.00	≥25.00
Pre-obese	25.00 - 29.99	25.00 - 27.49
		27.50 - 29.99
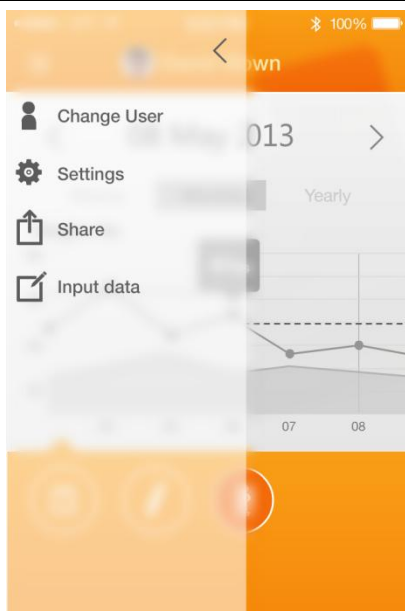
> Manual bar for option
>   - Change user
>   - Setting
>   - Share to community
>   - Manual input data
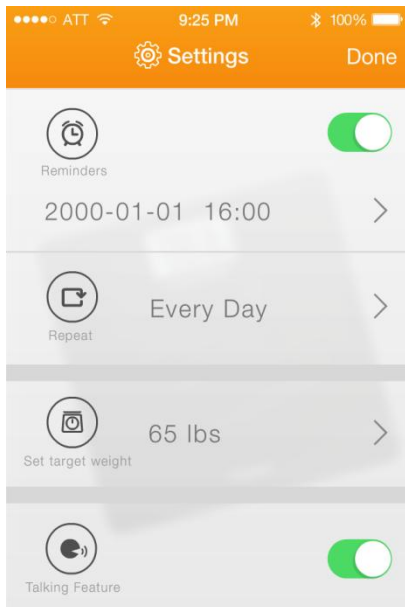
> Setting
>   ✧ Reminder on/off
>   ✧ Set alarm date and time for remind next measurement
>   ✧ Set target weight
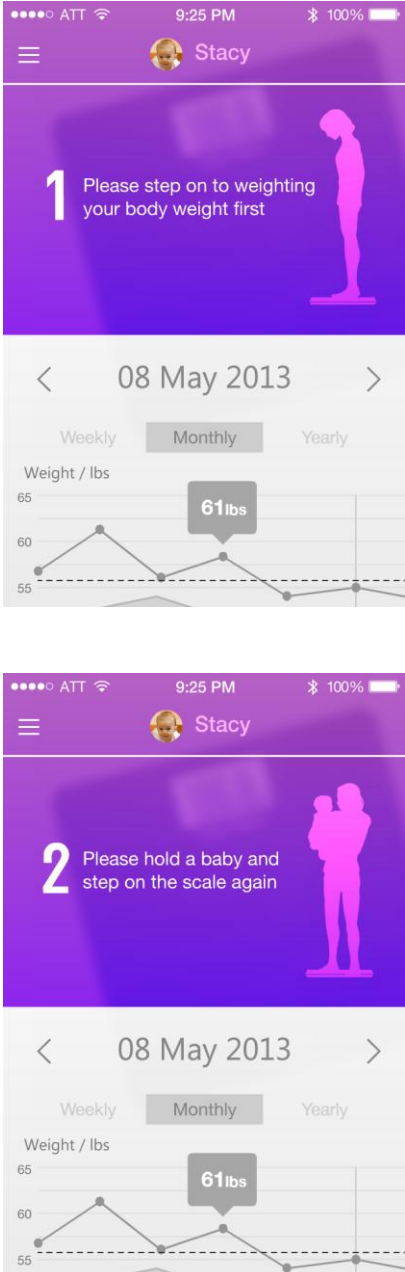>   ✧ Talking feature on/off
>   ✧ Auto Save
>   ✧ Product tour

Obese	≥30.00	≥30.00
Obese class I	30.00 - 34.99	30.00 - 32.49
		32.50 - 34.99
Obese class II	35.00 - 39.99	35.00 - 37.49
		37.50 - 39.99
Obese class III	≥40.00	≥40.00
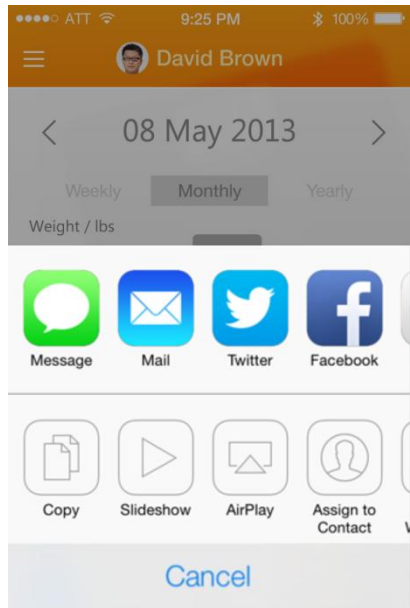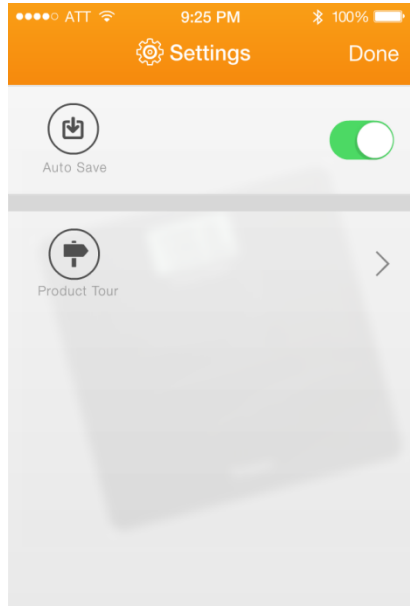
➢ Share to community

Only the weight chart can be shared

Screen Shot	Content	Remark
	Pregnancy (age 16-50) ➢ Show user name - Press on thumbnail or name to edit user info ➢ Show current weight (scale reading) ➢ Show weight chart ➢ Show pregnancy weight gain reference (TBC)	

Screen Shot	Content	Remark
	Baby With Mom (age 0-1) ➢ Step by step showing process for baby weight measurement ➢ Show baby name - Press on thumbnail or name to edit user info ➢ Show current weight (scale reading) ➢ Show weight chart, (with reference information, TBC) ➢ Show height chart, (with reference information, TBC)	Process for baby weight measurement: ➢ Ask the mother (only) to stand on the scale ➢ Ask her to step down ➢ Ask the mother stand on the scale with her baby All chart can change by day/week/month/yr Only the weight chart and height chart can be shared
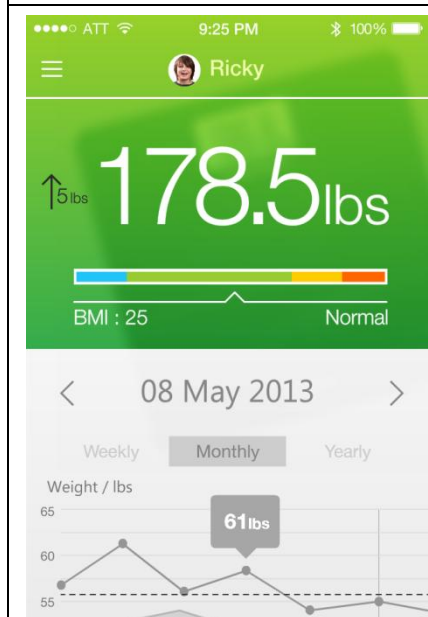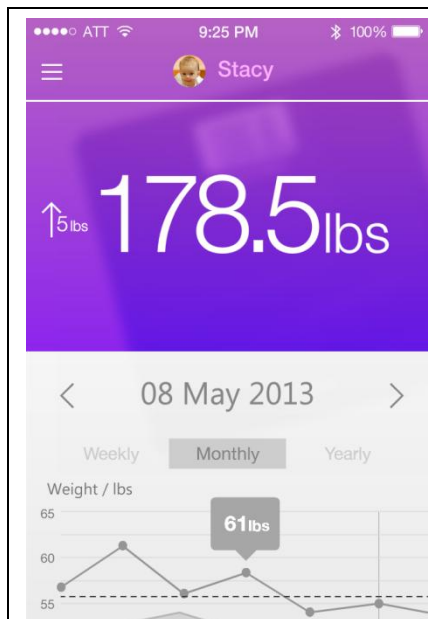
	Kid (age 1-10) ➢ Show name - Press on thumbnail or name to edit user info ➢ Show current weight (scale reading) ➢ Show weight chart, (with reference information, TBC) ➢ Show height chart, (with reference information, TBC) ➢ Show BMI chart	All chart can change by day/week/month/yr Only the weight chart, height chart and BMI chart can be shared

Screen Shot	Content	Remark
	Rotating the smart phone introduces a full screen reading and chart for better visualization	