

ADDITIONAL NOTES - 14 Dec 2012

1st Device Switch on screen order:

The following order of screens must appear each time the device is switched on, only changing once the first sound-byte on any tour has been played.

Thereafter, if the device is switched off then on again, the device will revert straight to the HOME screen.

1st SWITCH ON ORDER (until first soundbyte is played:

- Welcome screen
- Language Module
- Intro Video (Media Module)
- Disclaimer Module
- Home screen

SWITCH ON - After first soundbyte

- Welcome screen
- Home screen

ACTIVATION Module:

This module is activated once the activation period on the device ends. To reactivate the device, the user is directed to the SETUP screen.

SETUP screen with NUMERIC Keypad:

The SETUP screen allows a variety of options based on the PIN + CODE entered into the NUMERIC Keypad MODULE that pops up when needed.

The various SETUP screens have to show the device ID at all times so that any troubleshooting help can be easily implemented.

The following permissions are to be accessible from the SETUP screen:

1. ONLINE & OFFLINE voucher input to activate device for new user (Depends on GPS connectivity)
2. CONCIERGE / TOUR OPERATOR 'reset' tour / device
3. BACKEND device options (access to device factory settings)

Help Module:

This module is now more of a FAQ section

TOUR screen update:

The order of information under each Tour descriptor has been finalised into a set order.

The START Tour button area has been moved to right below the map and sits within the coloured descriptor bar of each tour.

DIRECTION screen update:

If possible, can the route indicator on the map (shown by a change in colour) show how far the person has walked so far? ie: Red = distance walked, Green = distance to go? This would be a dynamic mechanism changing all the time? (Please advise if possible)

The one Audio button has been removed and ALT TRANSPORT has been re-named to MANUAL DIRECTION instead.

DIRECTION CHANGE Module:

Please advise if it is possible to switch the GPS into a power saving mode when this Module is activated to save battery life.

The user will have to manually close the Module when they reach the required destination.

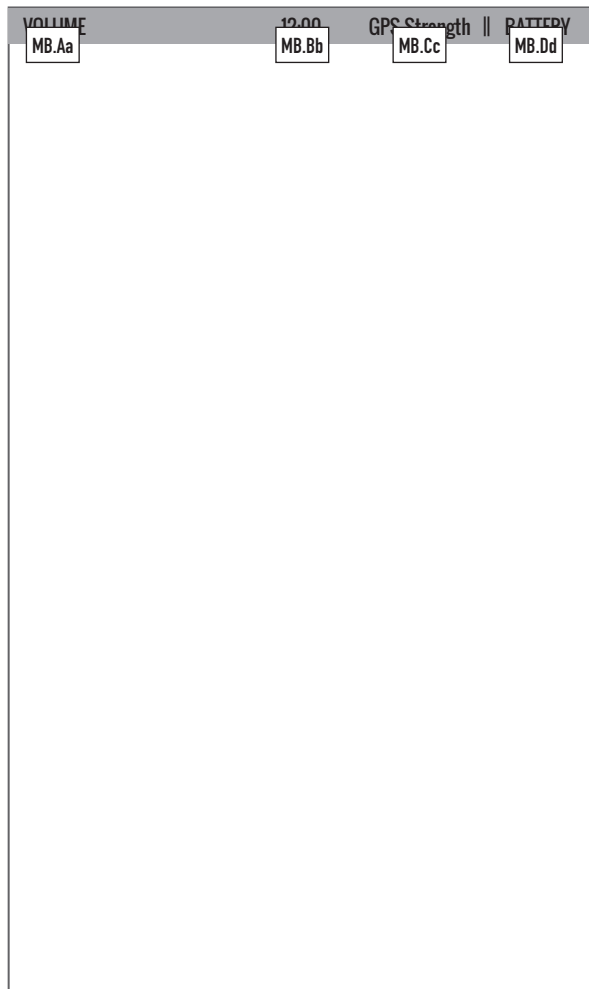
Lost GPS Signal Module:

It has been discussed that instead of a Module coming up, the user will get AUDIO cues telling them that GPS signal has been lost. They can either then continue the current tour by following the DIRECTIONS screen, or, be advised to go through the HELP Module to check if any of the questions relate to their problem.

Should there not be a Module box of some description here??



Menu Bar



MB.A - On tap, brings up standard device volume control

MB.a - Icon on menu bar

MB.B - 24hour clock

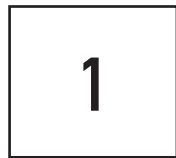
MB.ab - Icon on menu bar

MB.C - GPS strength indicator, changes colour depending on signal strength

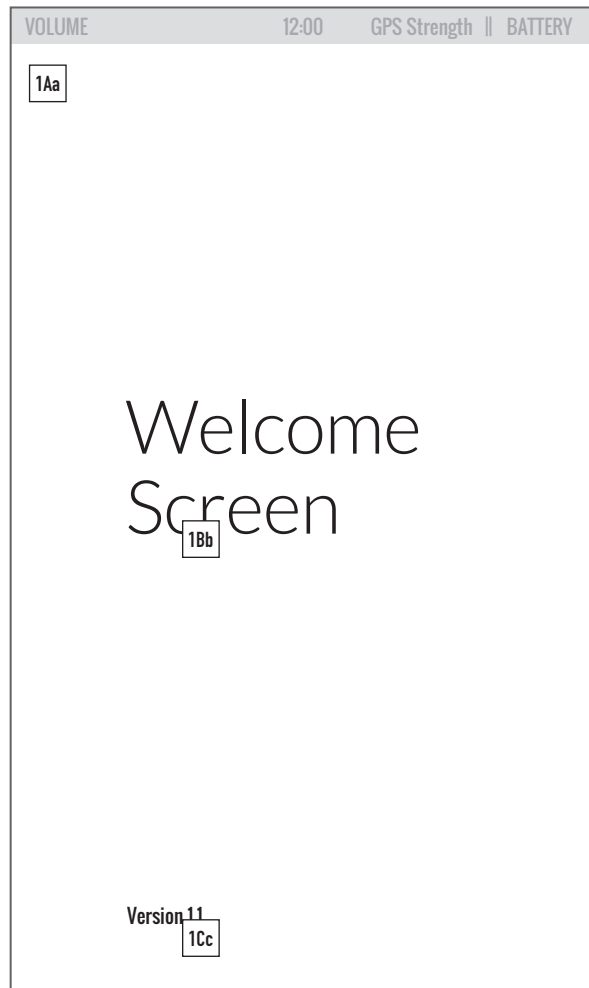
MB.c - Icon on menu bar

MB.D - Battery life indicator

MB.d - Icon on menu bar



Welcome Screen



1A - Background
1a - Static design

1B - Welcome message which automatically
closes after loading info on device
1b - Text and image design

1C - Software Version details
1c - Text

2

Home Screen



2A - Background
2a - Static design

2B - Static area with screen descriptor, area below line is scrollable horizontally only
2b - Text only

2C - On tap brings up SCREEN 7
2c - Icon sits above background

2D - On tap brings up MODULE 2.1
2d - Two column block with text
2D.1 - Current date
2D.2 - Hire period showing date range

2E - On tap brings up MODULE 2.2
2e - One column block with text

2F - On tap brings up SCREEN 3
2f - Two column block with text

2G - On tap brings up VIDEO MODULE
2g - One column block with text

2H - On tap brings up MODULE 2.3
2h - One column block with text

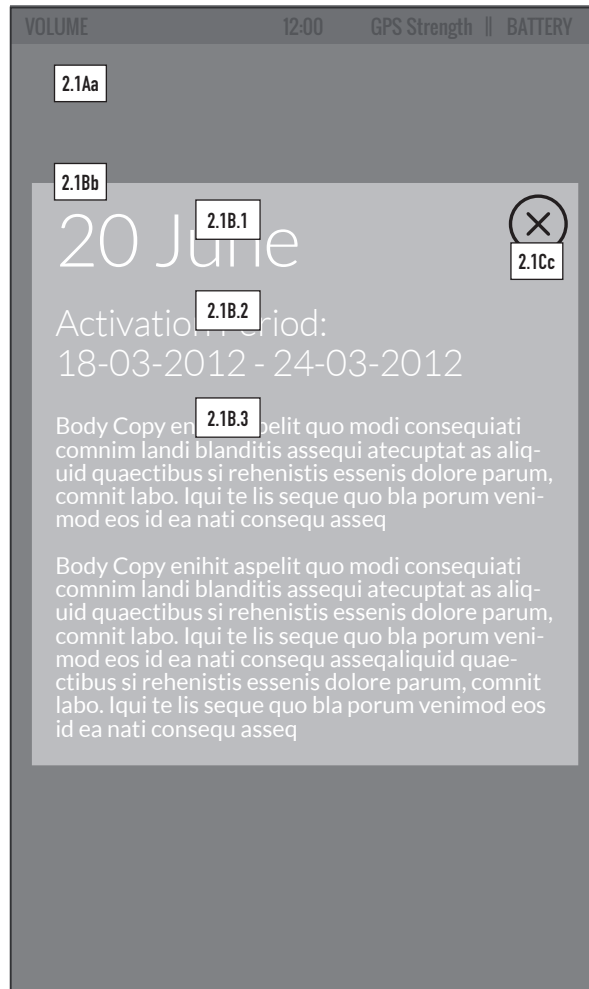
2I - On tap brings up MODULE 2.4
2i - One column block with text

2J - Deactivation / Activate MODULE 2.5 - Blocks users from using device
2j - 80% opacity colour block over entire screen

2K - On tap brings up SCREEN 11
2k - One column block with text

2.1

Activation Period Module



2.1A - Background over original screen
2.1a - 80% opacity colour block over entire screen

2.1B - Info box sits in middle of screen, adjusts according to length of text

2.1b - Text only

2.1B.1 - Current date

2.1B.2 - Hire period showing date range

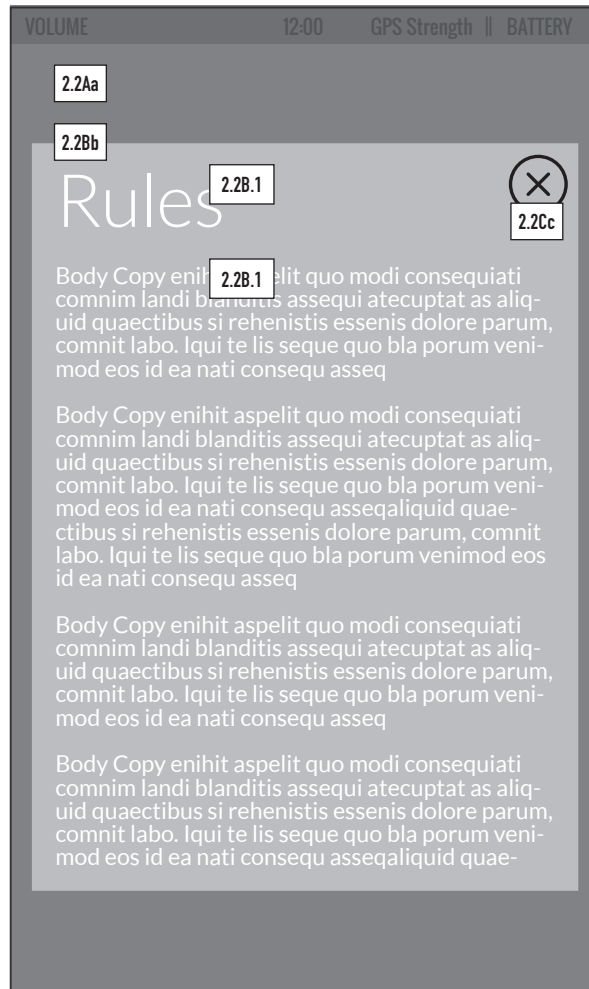
2.1B.3 - Any additional text (TBC)

2.1C - On tap closes module

2.1c - Icon sits above info box

2.2

Rules Module



2.2A - Background over original screen

2.2a - 80% opacity colour block over entire screen

2.2B - Info box sits in middle of screen, adjusts according to length of text

2.2b - Text only

2.2B.1 - Name of Module

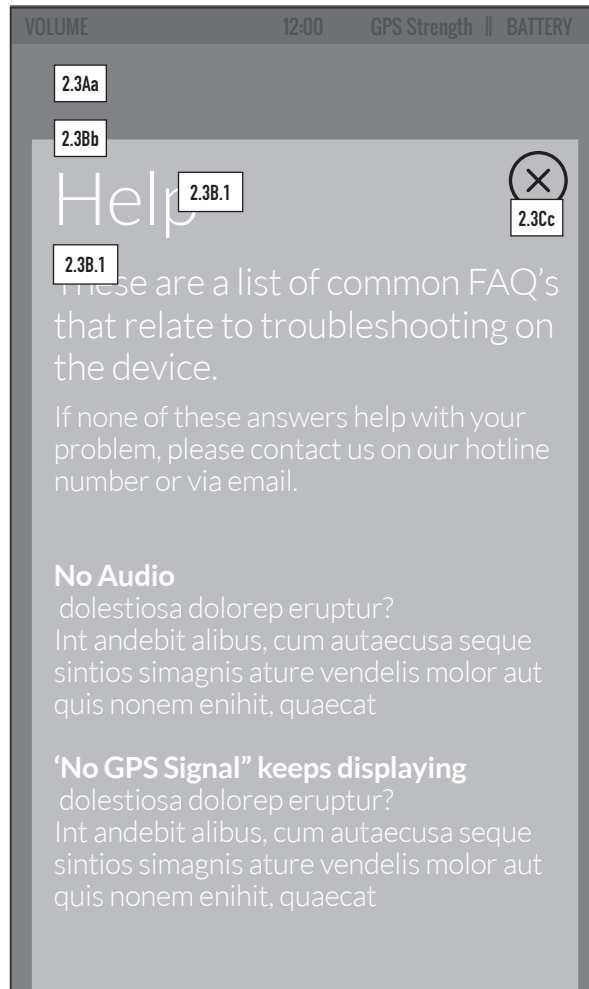
2.2B.2 - Copy explaining all the rules (TBC)

2.2C - On tap closes module

2.2c - Icon sits above info box

2.3

Help Module



2.3A - Background over original screen

2.3a - 80% opacity colour block over entire screen

2.3B - Info box sits in middle of screen, adjusts according to length of text, vertically scrollable

2.3b - Text only

2.3B.1 - Module header

2.3B.2 - List of Common FAQ questions and answers to be supplied in a text document:
(see list below)

2.3C - On tap closes module

2.3c - Icon sits above info box

FAQ Questions:

No Audio / "No GPS signal" keeps displaying / How to charge the battery / resetting a route /
Changing languages etc

2.4

Returns Module



2.4A - Background over original screen

2.4a - 80% opacity colour block over entire screen

2.4B - Info box sits in middle of screen, adjusts according to length of text

2.4b - Text only

2.4B.1 - Module header

2.4B.2 - The name & address of users hotel (TBC)

2.4B.3 - The closest train station to hotel (TBC)

2.4B.4 - The closest busstop to hotel (TBC)

2.4C - On tap closes module

2.4c - Icon sits above info box

2.5

Activate Module



2.5A - Background over original screen

2.5a - 80% opacity colour block over entire screen

2.5B - Info box sits in middle of screen, adjusts according to length of text

2.5b - Text only

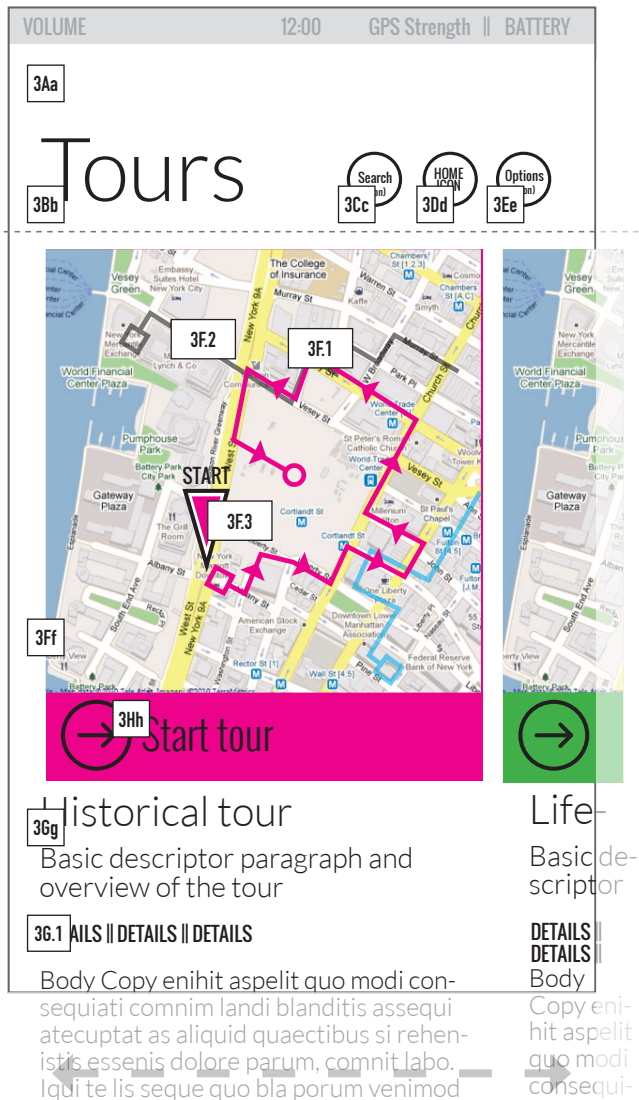
2.5B.1 - Module header

2.5B.2 - What needs to happen

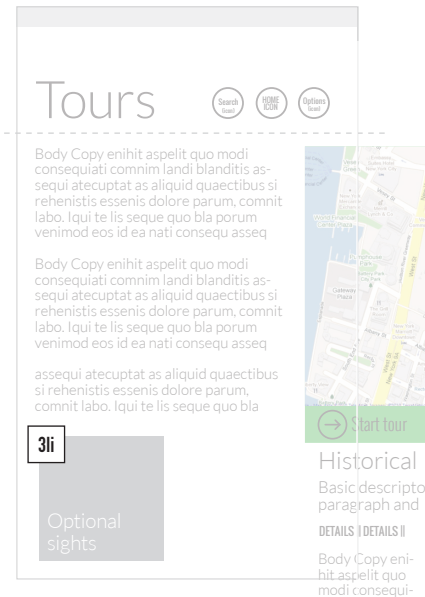
2.5B.3 - On tap brings up MODULE 11.1

3

Tour screen



Bottom of Tour screen



3A - Background
3a - Static design

3B - Static area with screen descriptor, area below line is scrollable horizontally and vertically
3b - Text only

3C - On tap brings up MODULE 5
3c - Icon sits above background

3D - On tap brings up SCREEN 2
3d - Icon sits above background

3E - On tap brings up SCREEN 7
3e - Icon sits above background

3F - Scallable map within its bounding box to a certain percentage.
3f - Bitmap image

3F.1 - Route outline superimposed on map
3F.2 - Alternative routes also shown on map
3F.3 - Icon showing start of specific tour

3G - Info area, adjusts according to length of text
3g - Text only in the following order:

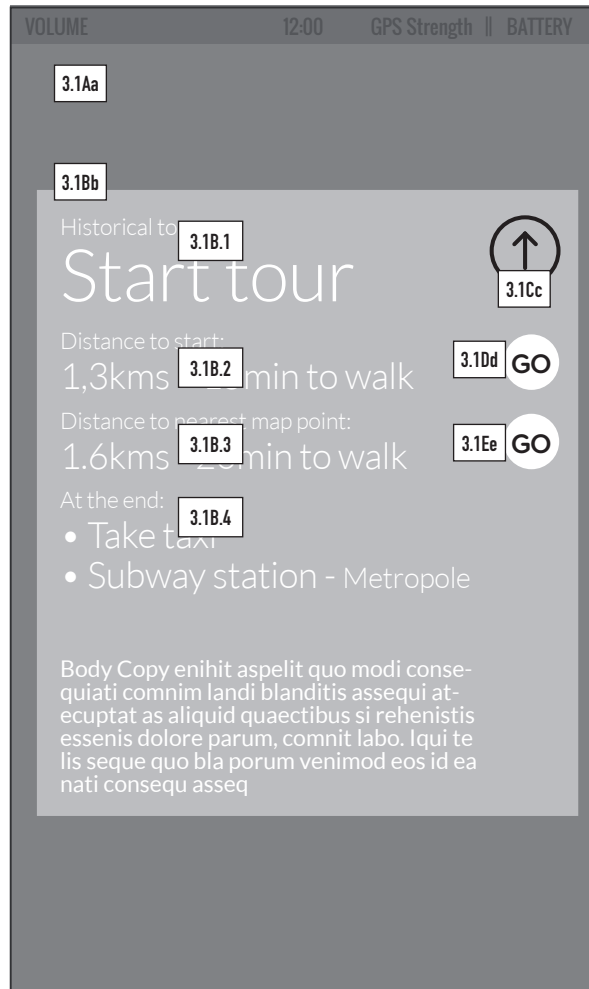
- 3G.1 - Name of Tour
 - Short tour description
 - Duration of tour in distance & time
 - Circular route or one-way
 - Difficulty rating
 - Type of tour (walking only or other modes)
 - Main tour highlights / sights to be found (RECOMMEND icon under certain highlights plus a rough estimate of extra time to explore it)
 - Sub-Tours that lead off tour route

3H - On tap brings up MODULE 3.1
3h - One column block with text

3I - On tap brings up MODULE 3.2
3i - One column block with text

3.1

Start Tour Module



3.1A - Background over original screen

3.1a - 80% opacity colour block over entire screen

3.1B - Info box sits in middle of screen, adjusts according to length of text

3.1b - Text only

3.1B.1 - Module header

3.1B.2 - Distance and length in time to the start of the tour, based on users current location (TBC)

3.1B.3 - Distance and length in time to the nearest map point, based on users current location (TBC)

3.1B.4 - Details on what the user has to do at the end of the tour (TBC)

(Additional info could flow on below)

3.1C - On tap closes screen and returns to SCREEN 3

3.1c - Icon sits above info box

3.1D - On tap brings up SCREEN 4

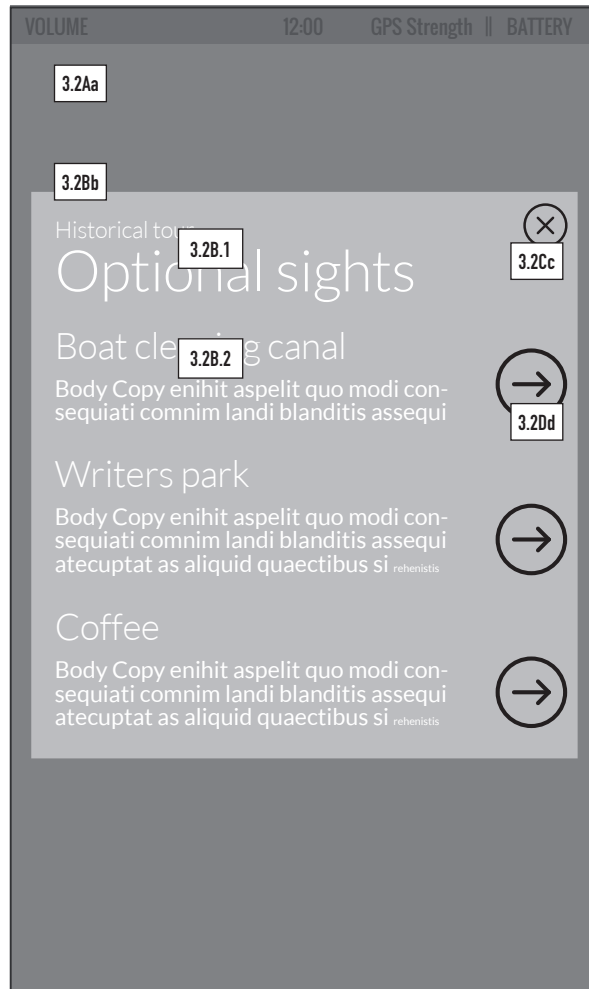
3.1c - Icon sits above info box

3.1E - On tap brings up SCREEN 4

3.1e - Icon sits above info box

3.2

Optional Sights POI list Module



3.2A - Background over original screen

3.2a - 80% opacity colour block over entire screen

3.2B - Info box sits in middle of screen, adjusts according to length of text

3.2b - Text only

3.2B.1 - Module header

3.2B.2 - Addon descriptor of POI linked to the relevant INFO MODULE of that POI (TBC)

3.2C - On tap closes screen and returns to SCREEN 3

3.2c - Icon sits above info box

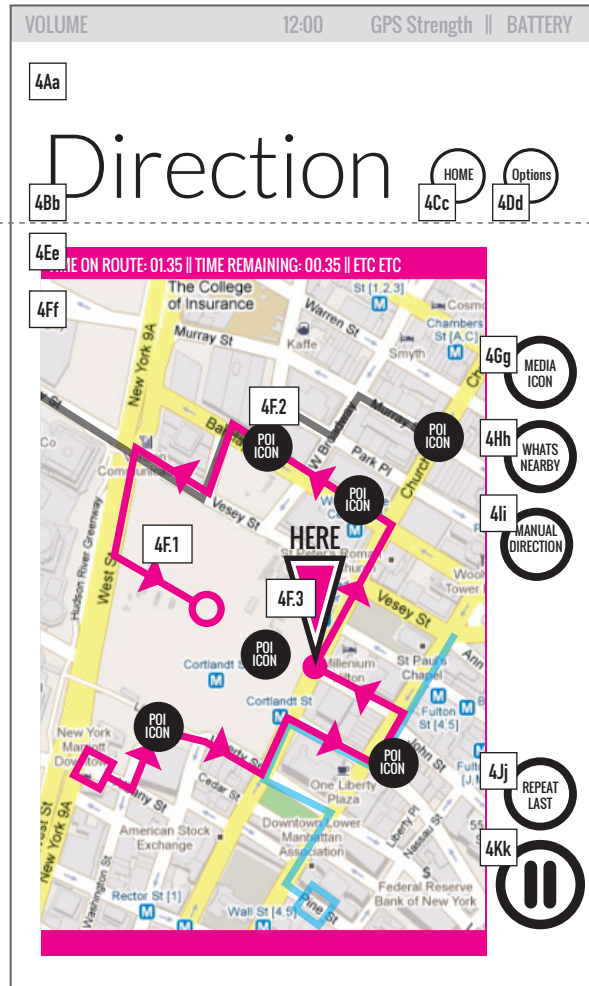
3.2D - On tap brings up applicable reference module from SEARCH MODULE 5

3.2c - Icon sits above info box

(Repeat for each entry on list)

4

Direction Screen



4A - Background
4a - Static design

4B - Static area with screen descriptor
4b - Text only

4C - On tap brings up SCREEN 2
4c - Icon sits above background

4D - On tap brings up SCREEN 7
4d - Icon sits above background

4E - Active info bar, changes as the user moves
4e - Text bar

4F - Active map, with route map overlaid, POI hotspots, current location marker, scallable within box boundaries

4f - Active map

4F.1 - Route direction indicator

4F.2 - POI Icon situated where necessary on TOURS route.

4F.2.1 - Tapping POI icon will bring up relevant INFO MODULE

4F.3 - Icon indicating users current location

4G - On tap brings up relevant MEDIA Module
4g - Icon sits above background

4H - On tap brings up relevant **MODULE X (TBC)**
(Not sure if this is being placed in now??)
4h - Icon sits above background

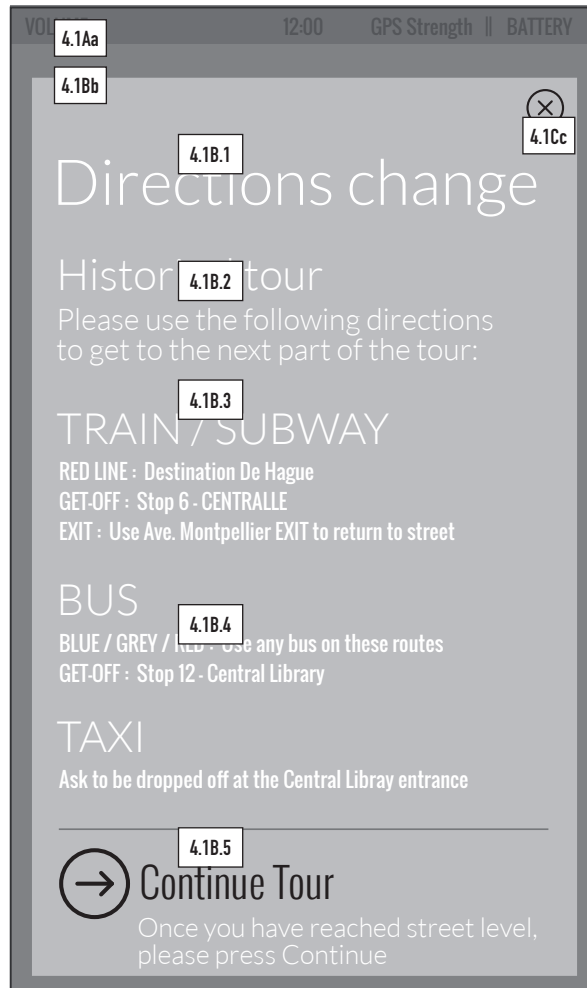
4I - On tap brings up MODULE 4.1
4i - Icon sits above background

4J - On tap repeats last AUDIO clip
4j - Icon sits above background

4K - On tap PAUSES or PLAYS current TOUR AUDIO CLIP
4k - Icon sits above background

4.1

Alternative Transport Module



4.1A - Background over original screen

4.1a - 80% opacity colour block over entire screen

4.1B - Info box sits in middle of screen, adjusts according to length of text

4.1b - Text only

4.1B.1 - Module header

4.1B.2 - Tour description and instructions (TBC)

4.1B.3 - First mode of travel change with relevant details (TBC)

4.1B.4 - Second mode of travel change (TBC)

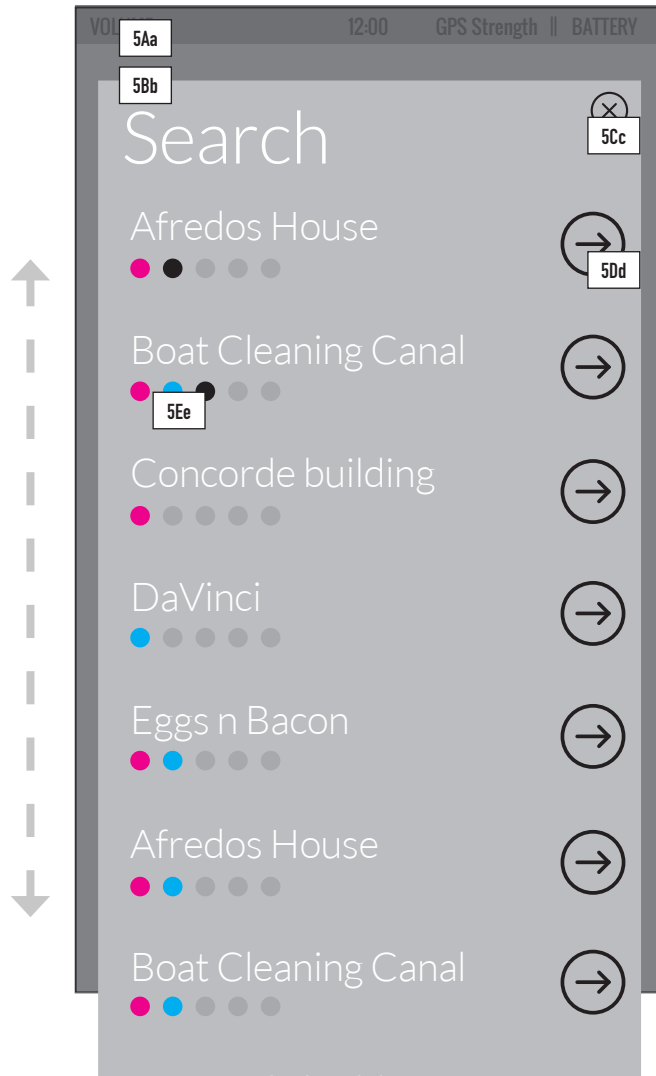
4.1B.5 - Instruction on what to do once finished travelling (TBC)

4.1C - On tap closes screen and returns to SCREEN 4

4.1c - Icon sits above info box

5

Search Module



5A - Background over original screen
5a - 80% opacity colour block over entire screen

5B - Info box lists all POI, scrollable vertically only, shows bus routes
5b - Text only

5C - On tap closes screen and returns to SCREEN 3

5c - Icon sits above info box

5D - On tap brings up relevant INFO MODULE

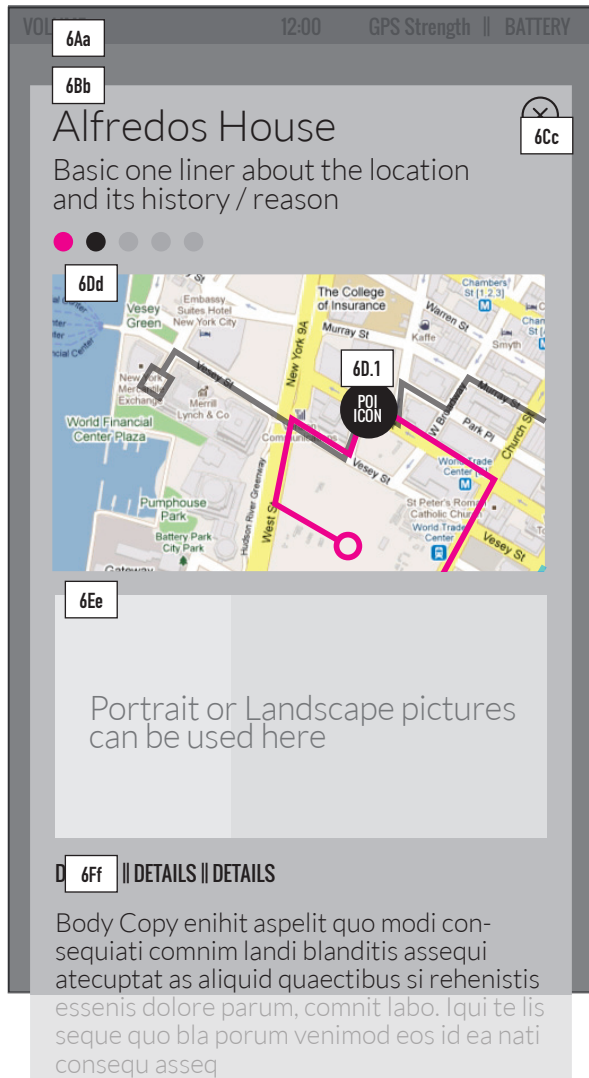
5d - Icon sits above info box
(Repeat for each entry on list)

5E - Coloured routes relate back to which route the POI can be seen, or visited on

5e - Icon sits above info box

6

Information Module



6A - Background over original screen
6a - 80% opacity colour block over entire screen

6B - Info box adjusts according to length of text, scrollable vertically only, shows bus routes, all info on POI
6b - Text only

6C - On tap closes screen and returns to previous screen
6c - Icon sits above info box

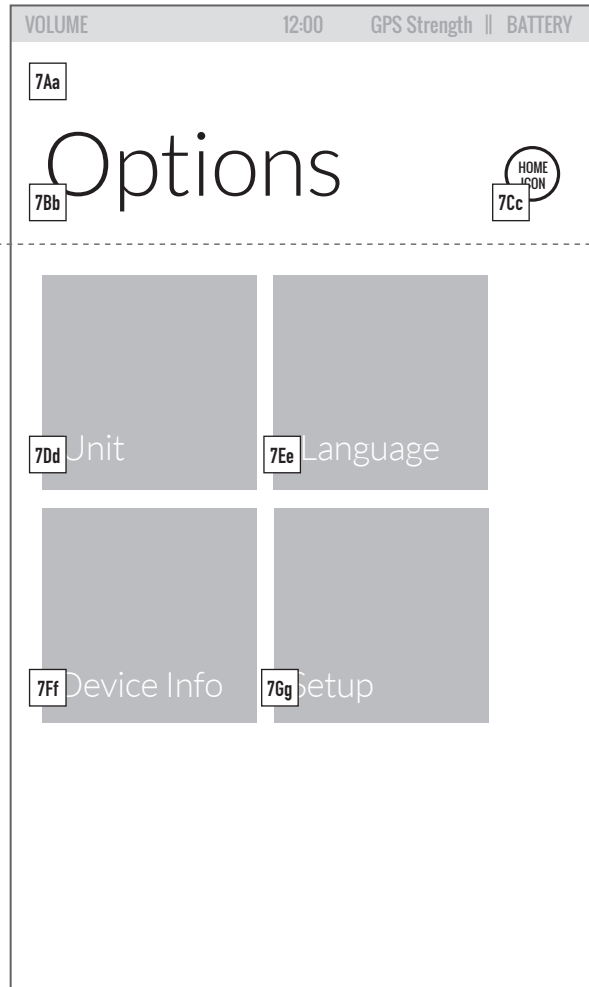
6D - Scallable map within its bounding box to a certain percentage.
6d - Bitmap image
6D.1 - POI Icon positioned on relevant area of map and Tour routes

6E - Either picture media media icon (to be decided) Would open in new MODULE
6e - Icon or media sits above info box

6F - Admission times of POI, Cost of Admission, Contact details etc (TBC)

7

Options Screen



7A - Background
7a - Static design

7B - Static area with screen descriptor, area below line is scrollable horizontally only
7b - Text only

7C - On tap brings up SCREEN 2
7c - Icon sits above background

7D - On tap brings up MODULE 7.1
7d - One column block with text

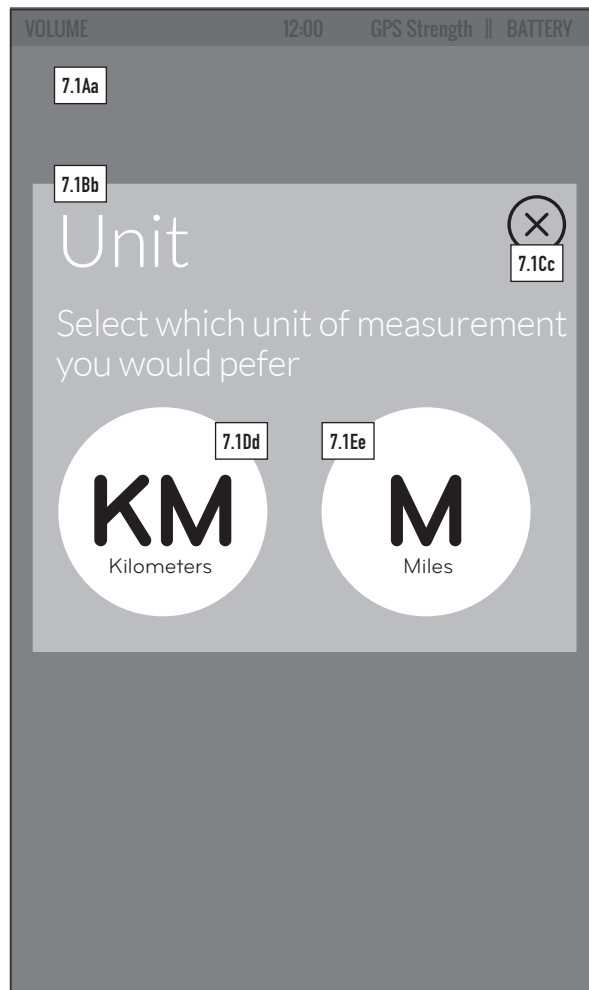
7E - On tap brings up MODULE 7.2
7e - One column block with text

7F - On tap brings up MODULE 7.3
7f - One column block with text

7G - On tap brings up SCREEN 11
7g - One column block with text

7.1

Unit of Measurment Module



7.1A - Background over original screen
7.1a - 80% opacity colour block over entire screen

7.1B - Info box sits in middle of screen, adjusts according to length of text
7.1b - Text only

7.1C - On tap closes screen and returns to SCREEN 7
7.1c - Icon sits above info box

7.1D - On tap changes device measurement to kilometres
7.1d - Icon illuminates when chosen, sits above info box

7.1E - On tap changes device measurement to miles
7.1e - Icon illuminates when chosen, sits above info box

7.2

Language selection Module



7.2A - Background over original screen
7.2a - 80% opacity colour block over entire screen

7.2B - Info box sits in middle of screen, adjusts according to length of language options
7.2b - 3 boxes per row, scrollable vertically only, icon / flags on box shapes.

7.2C - On tap closes screen and returns to SCREEN 7

7.2c - Icon sits above info box

ADDITIONAL ACTION WHEN STARTING DEVICE

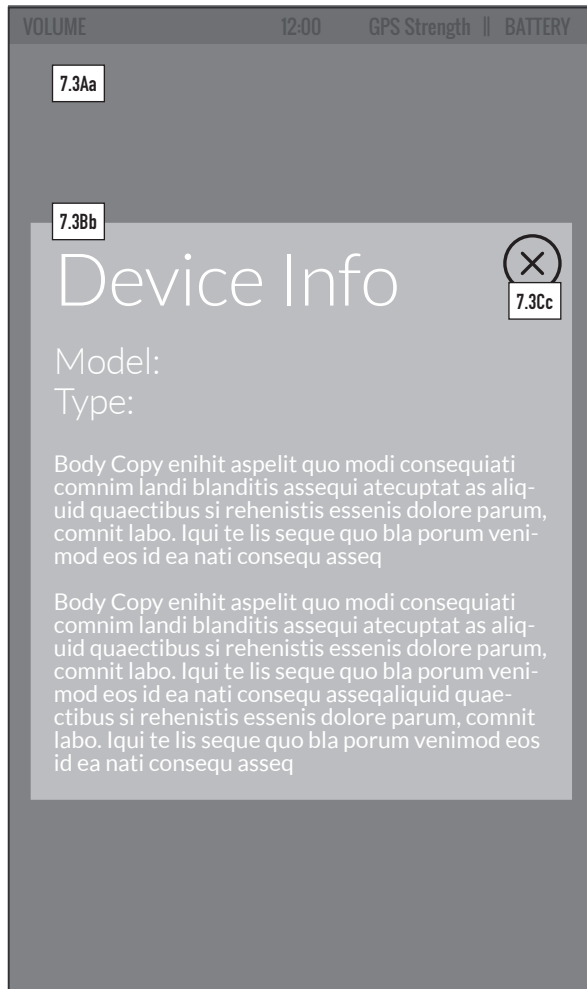
7.2.1C - This icon does not appear when the module comes up after the WELCOME Screen. Selecting a LANG option then closes the module automatically and shows the HOME Screen

7.2D - On tap, block is highlighted

7.2d - Icon illuminates when chosen, sits above info box

7.3

Device Info Module



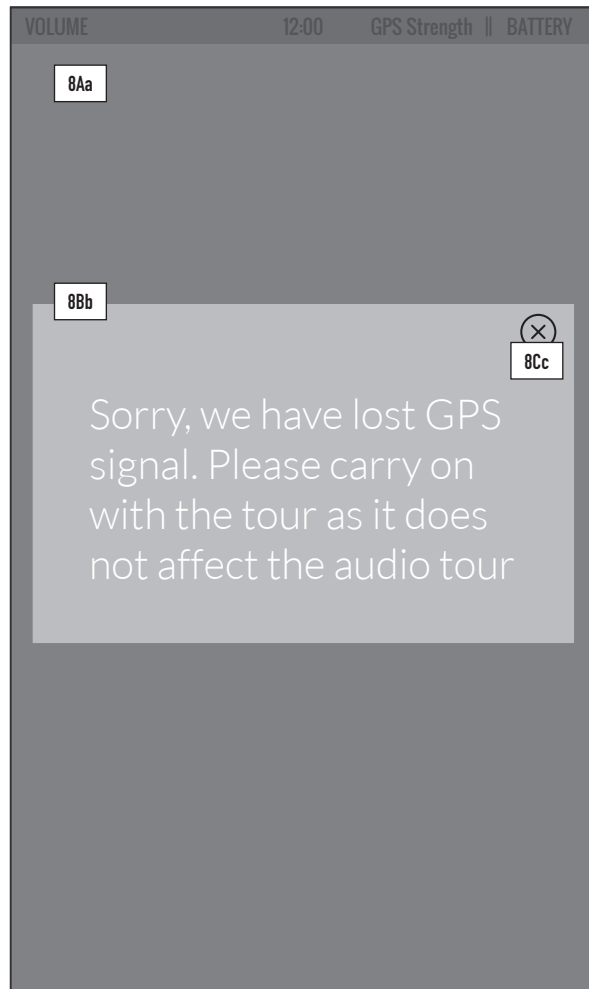
7.3A - Background over original screen
7.3a - 80% opacity colour block over entire screen

7.3B - Info box sits in middle of screen, adjusts according to length of text
7.3b - Text only

7.3C - On tap closes screen and returns to SCREEN 7
7.3c - Icon sits above info box

8

Lost GPS signal Module



8A - Background over original screen when GPS signal fails

8a - 80% opacity colour block over entire screen

8B - Info box sits in middle of screen, adjusts according to length of text

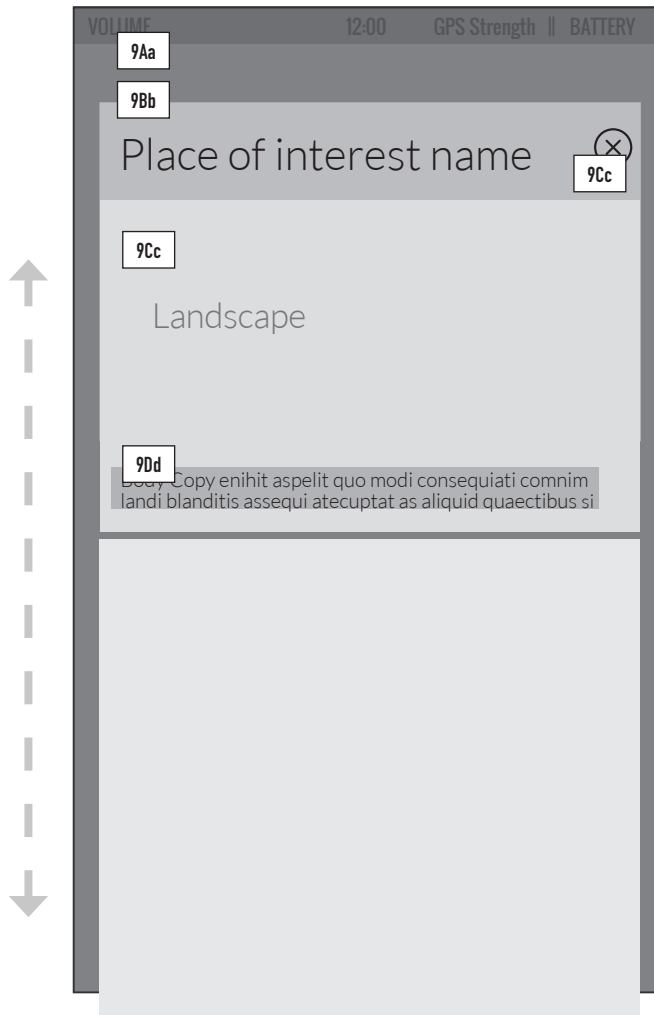
8b - Text only

8C - On tap closes screen and returns to whichever screen was open before

8c - Icon sits above info box

9

Static media Module



9A - Background over original screen when any MEDIA Icon or a small picture is tapped
9a - 80% opacity colour block over entire screen

9B - Info box sits in middle of screen, adjusts according to length of pictures
9b - Text and pictures

9C - On tap closes screen and returns to which-ever screen was open before
9c - Icon sits above info box

9D - Images can be portrait or landscape in orientation.
9cd - Set width for all pictures with any height

9D - Text with 80% black opacity backing
9d - Text box sits over images

10

Video media Module



10A - Background over original screen when any MEDIA Icon is tapped (if it is video related)
10a - 80% opacity colour block over entire screen

10B - Media box rotates and fills screen automatically
10b - Only video

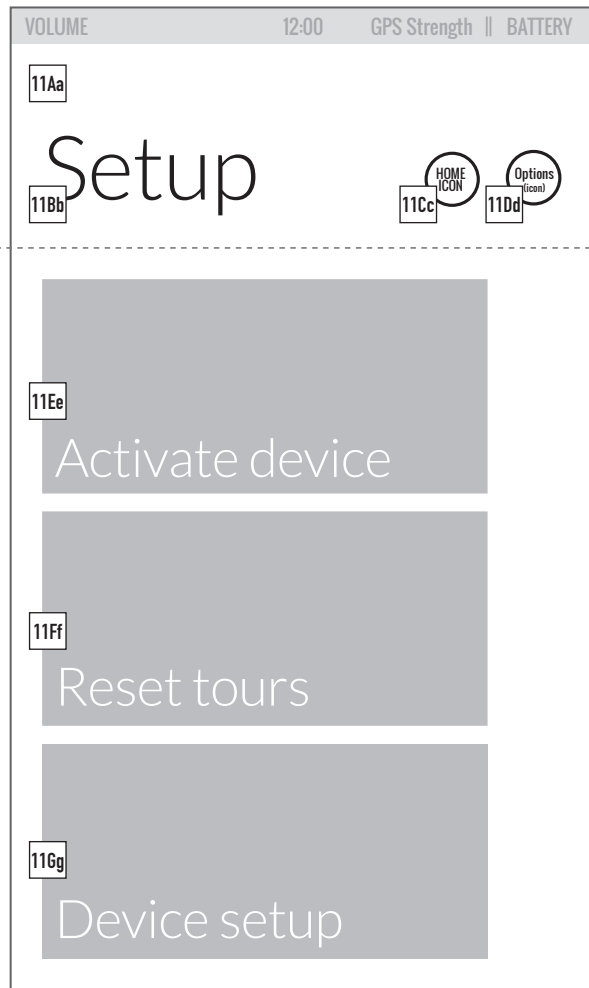
10C - Descriptor text at start of clip and when clip is paused
10c - Stays on screen when clip is stopped or paused, fades after 5 secs when PLAY is pressed

10D - Standard media player controller & progress bar
10d - Stays on screen when clip is stopped or paused, fades after 5 secs when PLAY is pressed

10E - On tap closes screen and returns to whichever screen was open before
10e - Icon sits above media screen box, stays on screen when clip is stopped or paused, fades after 5 secs when PLAY is pressed

11

SETUP screen



11A - Background
11a - Static design

11B - Static area with screen descriptor, area below line is scrollable horizontally only
11b - Text only

11C - On tap brings up SCREEN 2
11c - Icon sits above background

11D - On tap brings up SCREEN 7
11c - Icon sits above background

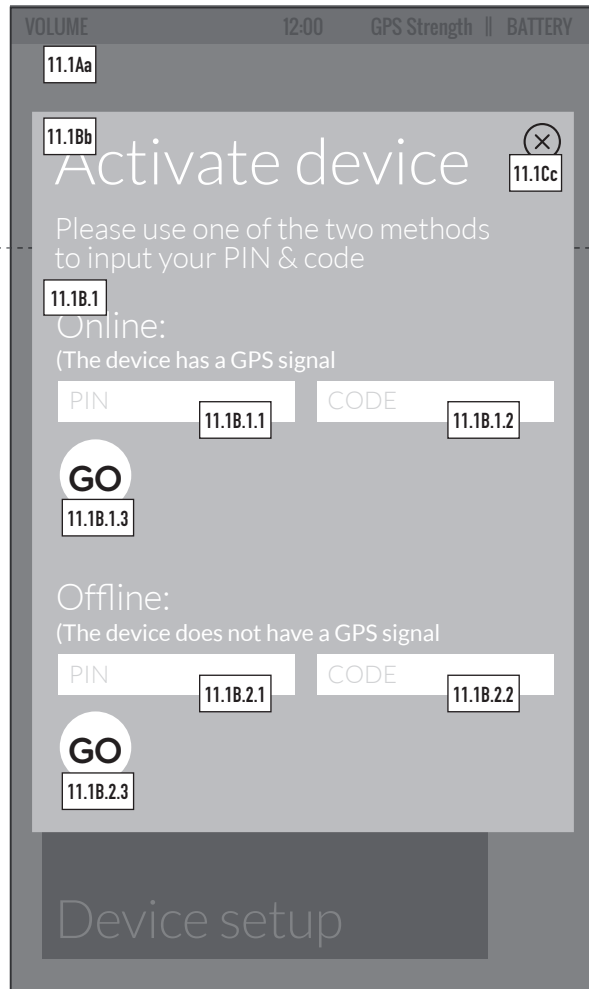
11E - On tap brings up MODULE 11.1
11e - Two column block with text

11F - On tap brings up SCREEN 11.2
11f - Two column block with text

11G - On tap brings up clears screen to original device systems screen
11g - Two column block with text

11.1

Activation Module



11.1A - Background over original screen

11.1a - 80% opacity colour block over entire screen

11.1B - Info box sits in middle of screen, adjusts according to length of text

11.1b - Text only

11.1B.1 - Header for Online box

11.1B.1.1 - PIN fill-in box area brings up keypad when touched

11.1B.1.2 - CODE fill-in box area brings up keypad when touched

11.1B.1.3 - On tap brings up 3 options -

- Goes to unlocked HOME Screen

- Brings up NO NETWORK AVAILABLE Module 13

- Brings up INVALID PIN / CODE please try again Module 14

11.1B.2 - Header for Offline box

11.1B.2.1 - PIN fill-in box area brings up keypad when touched

11.1B.2.2 - CODE fill-in box area brings up keypad when touched

11.1B.2.3 - On tap brings up 3 options -

- Goes to unlocked HOME Screen

- Brings up NO NETWORK AVAILABLE Module 13

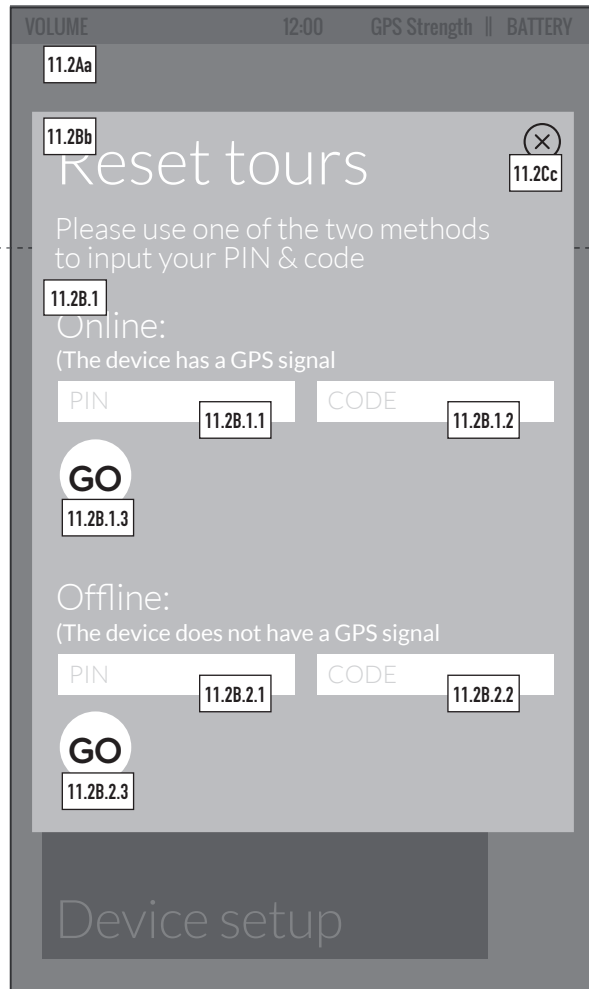
- Brings up INVALID PIN / CODE please try again Module 14

11.1C - On tap closes module

11.1c - Icon sits above info box

11.2

Reset Module



11.2A - Background over original screen

11.2a - 80% opacity colour block over entire screen

11.2B - Info box sits in middle of screen, adjusts according to length of text

11.2b - Text only

11.2B.1 - Header for Online box

11.2B.1.1 - PIN fill-in box area brings up keypad when touched

11.2B.1.2 - CODE fill-in box area brings up keypad when touched

11.2B.1.3 - On tap brings up 3 options -

- Goes to unlocked HOME Screen

- Brings up NO NETWORK AVAILABLE Module 13

- Brings up INVALID PIN / CODE please try again Module 14

11.2B.2 - Header for Offline box

11.2B.2.1 - PIN fill-in box area brings up keypad when touched

11.2B.2.2 - CODE fill-in box area brings up keypad when touched

11.2B.2.3 - On tap brings up 3 options -

- Goes to unlocked HOME Screen

- Brings up NO NETWORK AVAILABLE Module 13

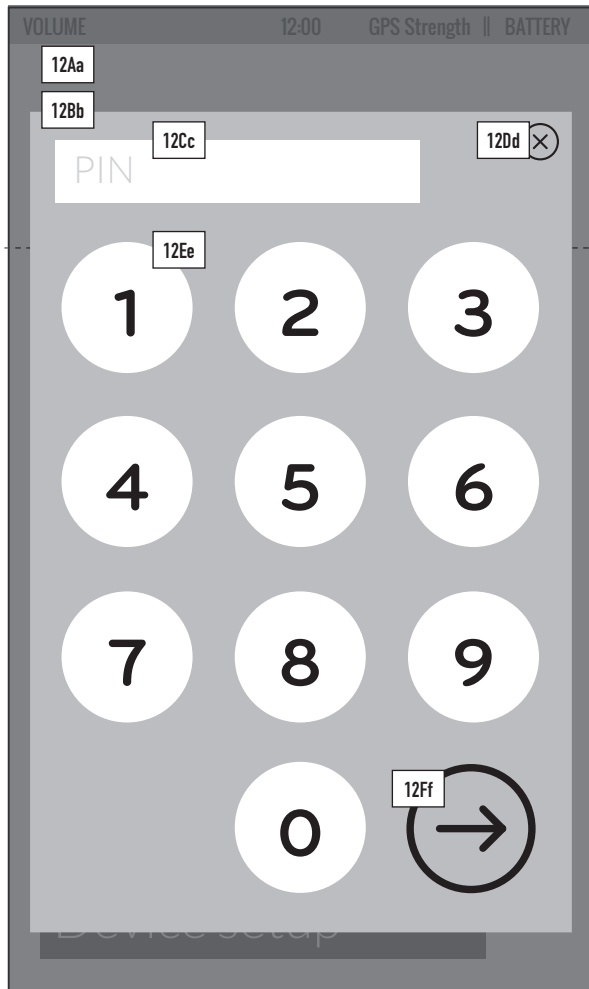
- Brings up INVALID PIN / CODE please try again Module 14

11.2C - On tap closes module

11.2c - Icon sits above info box

12

Numeric Keypad Module



12A- Background over original screen
12a - 80% opacity colour block over entire screen

12B - Info box sits in middle of screen, adjusts according to length of text
12b - Text only

12C - Relevant Fill-in box from previous screen / module
12c - Numerals only from user input

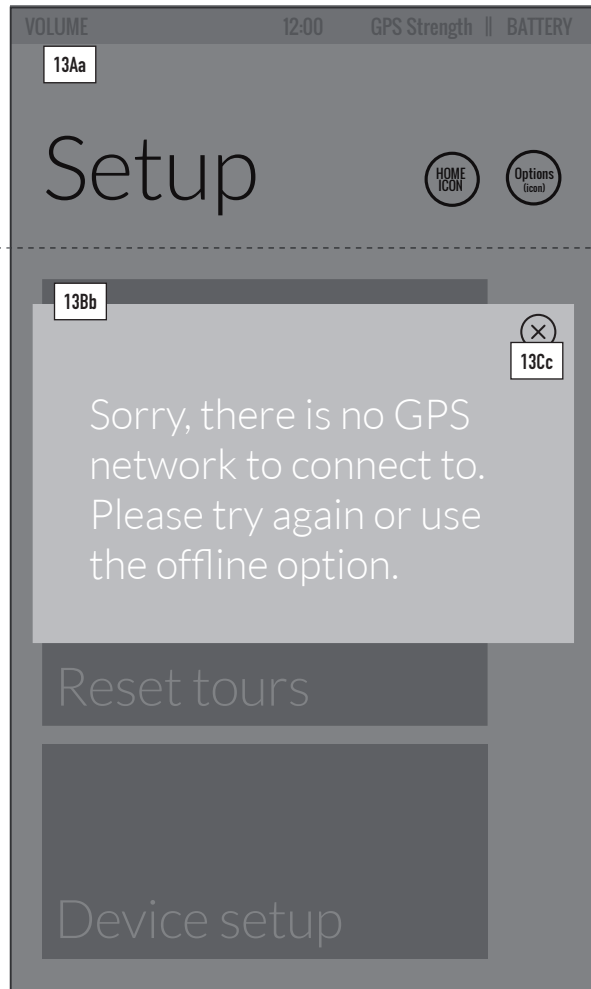
12D - On tap closes module
12d - Icon sits above info box

12E - Numerals 0 to 9
12e - Numerals change colour when touched

12F - Once correct number of digits entered, continue arrow lights up
12f - Changes colour and closes module on correct entry, incorrect entry clears display box

13

No Network Available Module



13A - Background over original screen when GPS signal fails

13a - 80% opacity colour block over entire screen

13B - Info box sits in middle of screen, adjusts according to length of text

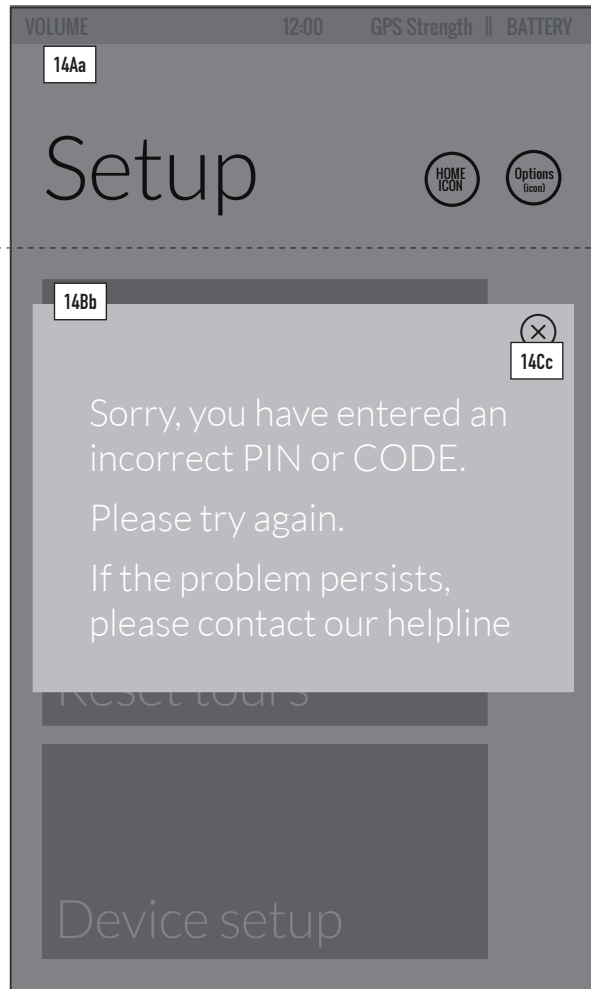
13b - Text only

13C - On tap closes screen and returns to whichever screen was open before

13c - Icon sits above info box

14

Invalid PIN / CODE Module



14A - Background over original screen when GPS signal fails

14a - 80% opacity colour block over entire screen

14B - Info box sits in middle of screen, adjusts according to length of text

14b - Text only

14C - On tap closes screen and returns to whichever screen was open before

14c - Icon sits above info box