



# Direct UI – Settings main view

## UI Design brief

DSU03930-EN

Version: 1.0

07.01.2009

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**NOKIA**  
Connecting People

# Version history (hidden slide)

Draft: Unfinished document representing authors' views.  
Reviewed: Reviewed internally as agreed in Direct UI design processes.  
Submitted: Document submitted for approval.  
Final: Document formally approved by chief UI designer

Date	Author	Version	Status
15.10.2008	Qing Gu	0.1	Draft
27.10.2008	Qing Gu	0.2	Draft
03.11.2008	Qing Gu	0.3	Draft
11.11.2008	Qing Gu	0.4	Draft
24.11.2008	Qing Gu	0.5	Added used components and some walkthrough designs
05.12.08	Qing Gu	0.6	Added design images.
07.01.09	Qing Gu	0.7	Modified document based on comments.
08.01.09	Qing Gu	0.8	Updated document based on comments.
20.01.09	Qing Gu	1.0	Approved

# Content

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- Open issues
- Main Interaction - Flow
- Anatomy of the design – Views
  - Portrait vs. landscape
  - Scalability 3"-4"-5"
  - Out of the box
  - Personalization
  - Localization
  - Dependencies
- Proof of Concept: Use case walkthrough

# About this presentation

- This is the UI design brief for Direct UI Settings panel (control panel).
- The basic assumptions of the design are based on the Direct UI style definition and Settings design vision.
- The individual setting main views opened from the settings panel are designed by different designers for different projects. Therefore, not all designs of those individual setting views are illustrated in this document. The following individual setting main views are described in the document:
  - Ringtone setting main view
  - Date & Time setting main view
  - Language setting main view
  - Display format setting main view
- **Disclaimers:**
  - *All the following examples are drafts drawn by the UI designer, they do not represent final graphical quality*
  - *None of the icons and icon metaphors are necessarily the final ones*

# Introduction to Settings panel

- The Settings panel is a central place for users to access to the system -wide settings and also application settings.
- The Settings panel can be accessed from two places:
  - Task launcher
  - Status Indicator System menu (The detailed interaction description is available in “Status\_Indicator\_System\_Design\_Brief” document.)

# Open issues in design

- The full set of setting items is not defined yet. The categories shown on the design are assumptions. The amount of categories can be reduced or added (however, there should not be more than 12 categories in total) when the full set of setting items is defined.
- The categories' names will be re-checked and re-defined when we know more about full set of setting items.
- All the items of each category will be re-checked and re-defined when more setting items are defined.

# Design drivers

## 1. Simple and easy to adjust settings

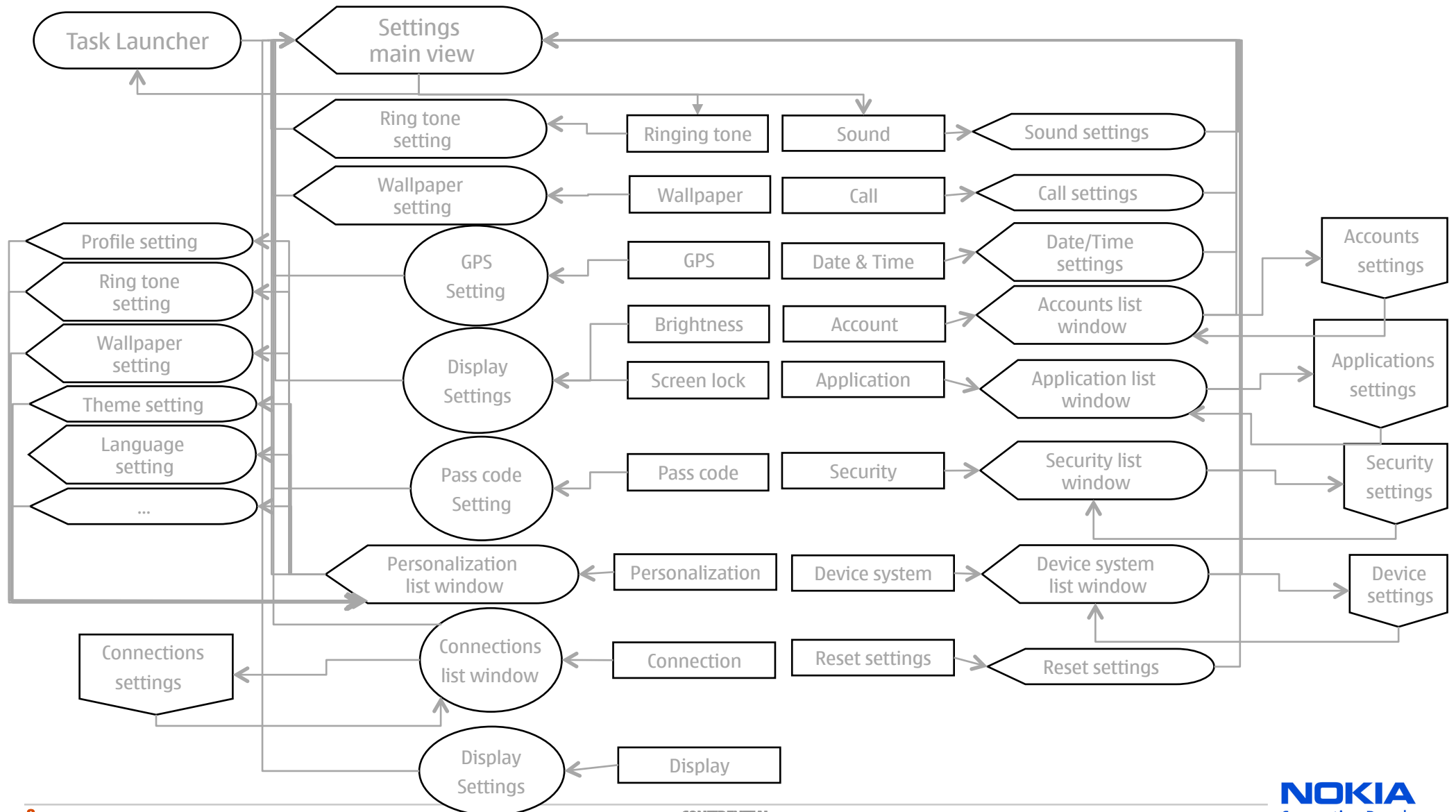
- The most recent used setting items are shown on the top of the screen.
- User can make simple adjustments for some settings directly on the main view.
- Using keywords to indicate the contents of categories.

## 2. Adaptability

- Using dynamic adaptive list to always show the most recent used six setting items to the user.

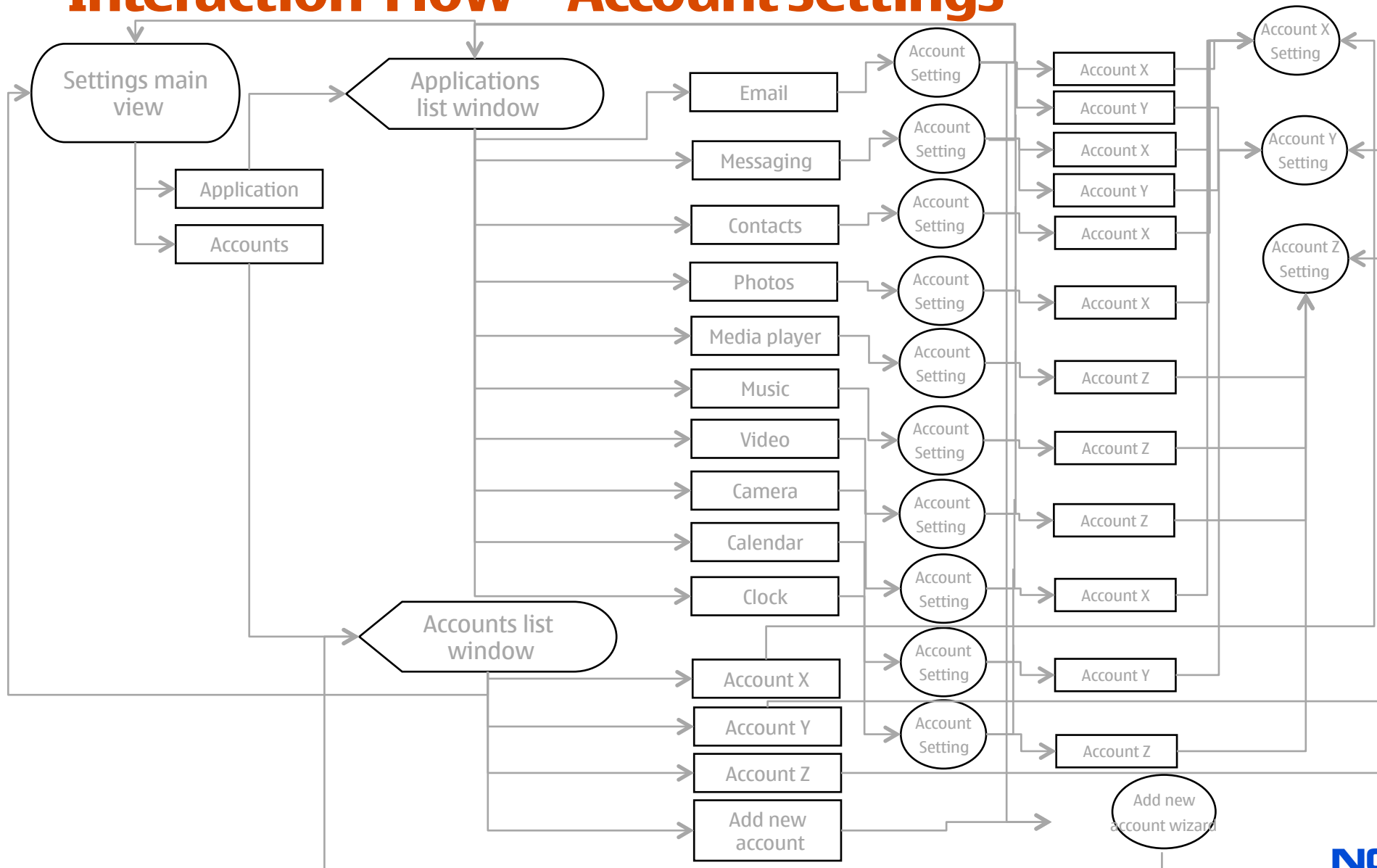
## 3. Assist the user to find the relevant settings among the potentially large number of options.

# Main Interaction Flow





# Interaction Flow – Account settings



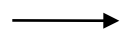
# Main Interaction Flow- Used shapes



Starting and ending point of the system



Setting items and categories



Sequence (e.g. Open)



Display- information is displayed to the user



Connect: e.g. another application/feature described elsewhere



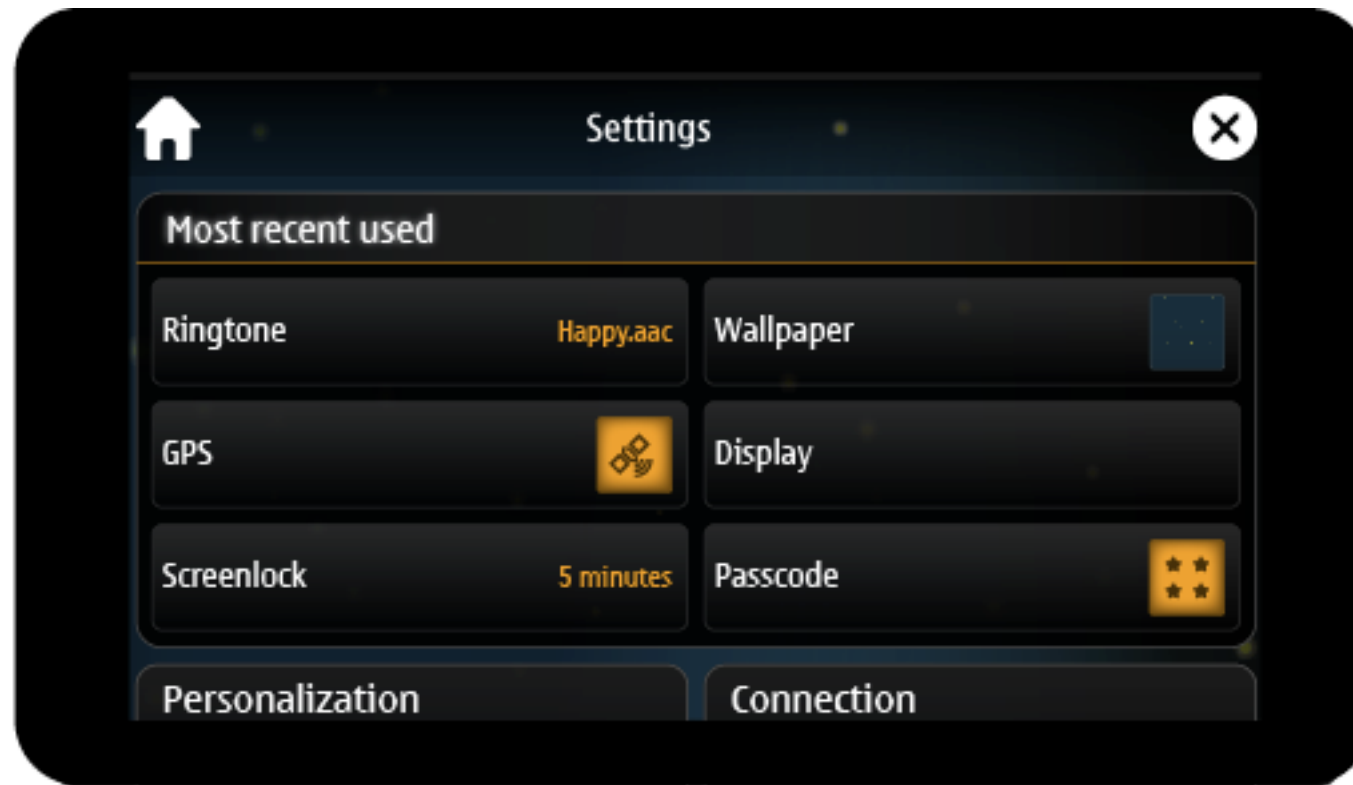
Off-page: Flow continues on another page

# Anatomy of the Design

Settings main view

## Anatomy of the Design

# Layout – Settings main view



*Disclaimers: This image is a draft drawn by the UI designer and graphic designer, it does not represent final graphical quality!*

# Anatomy of the Design

## Layout – Settings main view details

### Home

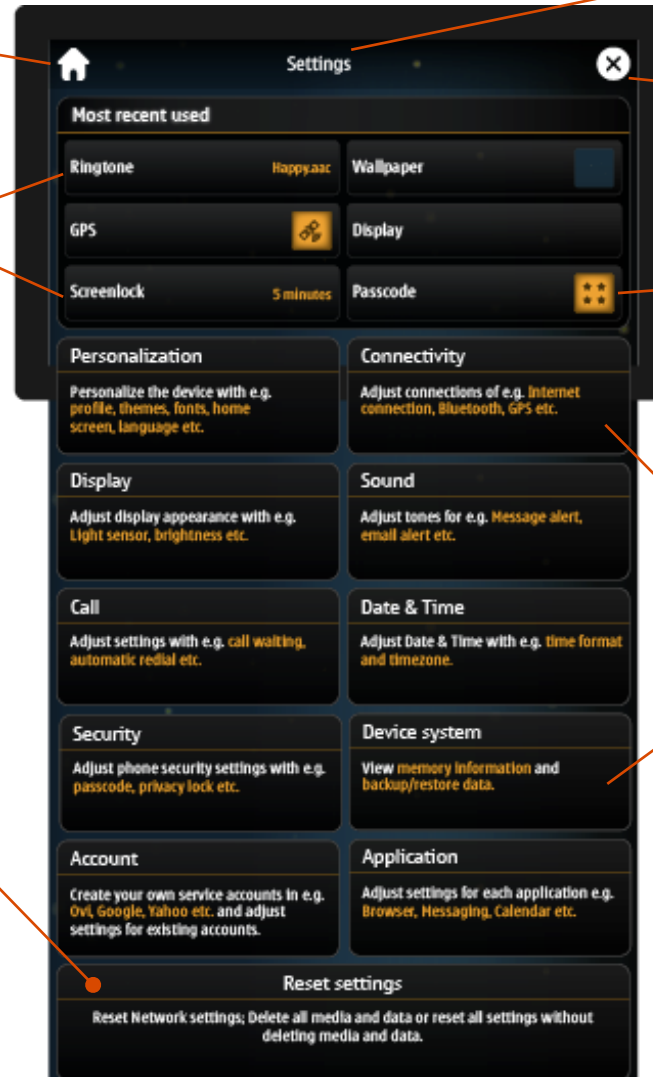
Go to Home screen.

### Adaptive list

The list items are automatically optimized according to the usage of the setting features. Tapping each item will open the corresponding setting window.

### Reset settings

There are three options available for user to restore factory settings: Reset Network settings; Reset all settings; Delete all contents and reset all settings.



### Label text

Indicate current position in the UI.

### Exit

Close the screen.

### On/Off button

Activate and deactivate the setting.

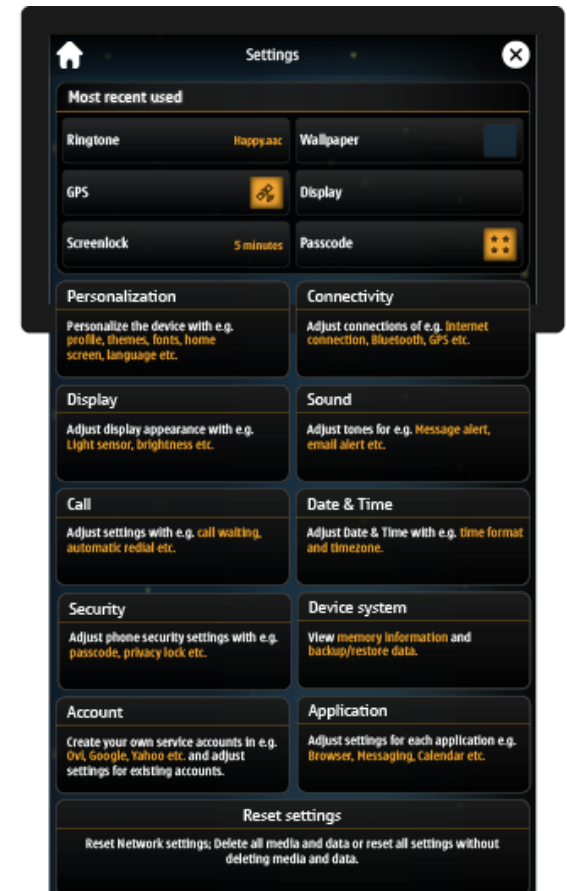
### Categories

Categories of setting features. The content of each category are explained, and keywords are highlighted. Tapping the header of the category or the texts area will open the corresponding setting window or the corresponding setting content (list) window.

## Anatomy of the Design

# Layout – Settings main view used components

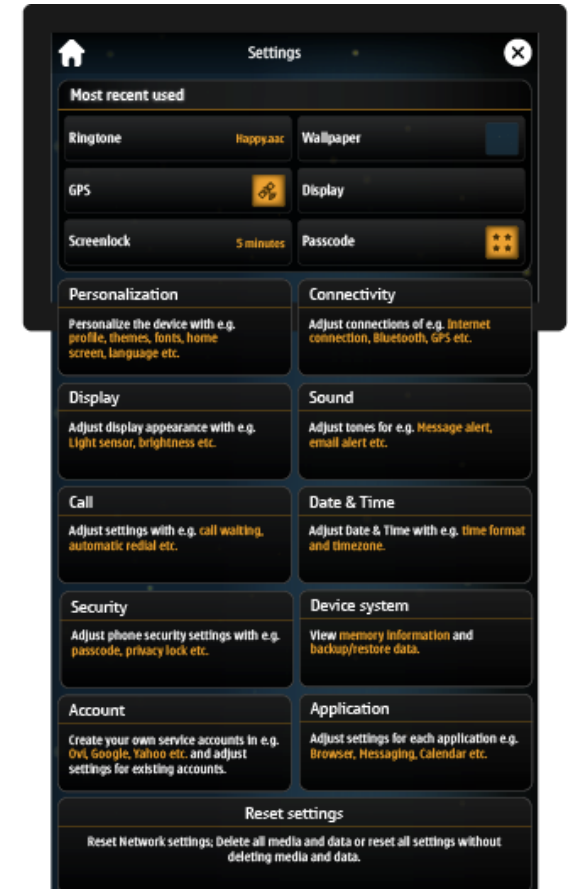
Component	Owner	Required attributes
Checkbox	FW	Icons are shown on the checkboxes. The checkboxes can be switched as “On/Off” status. Two states: active (On) and inactive (Off).
Containers	FW	<p>The size of the container might vary between Portrait and Landscape. The container could contain multiple rows of texts, multiple buttons, images and toggle checkboxes and controls.</p> <p>The containers could be grouped into one big container with the header text, for example: “Most recent used” items.</p> <p>All of those containers are tappable containers in here. The visual feedback is needed if the user taps any container.</p>
Labels	FW	<p>There are four types of texts in containers:</p> <ul style="list-style-type: none"> <li>• Header texts of the container /container group (e.g. Most recent used; Personalization, etc.)</li> <li>• Label texts – title texts of the individual container (e.g. Ringtone, Wallpaper, etc.) The font size is smaller than header texts.</li> <li>• Value texts - Indicating the current status or the most essential information of the items. The font size is smaller than header texts and title texts. Different color should be used.</li> <li>• Information texts – Explaining and indicating the contents of each setting category. The most informative content texts need to be highlighted!</li> </ul>



## Anatomy of the Design

# Layout – Settings main view used components

Component	Owner	Required attributes
Image	Core UI	Current used Wallpaper image should be shown as small icon.



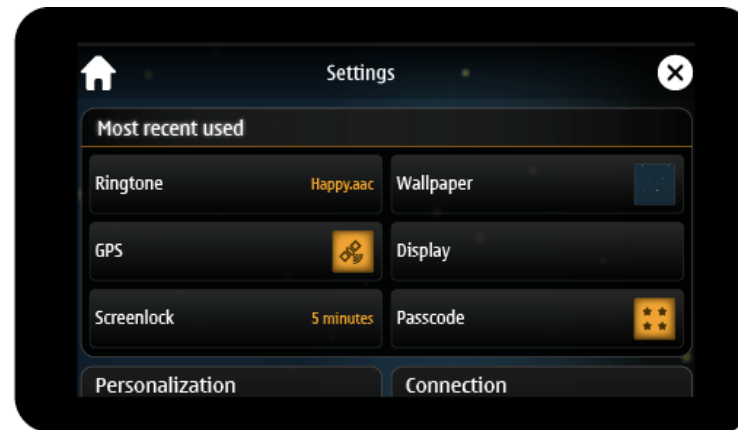
# Settings main view – Adaptive list 1/2

- The adaptive list always shows the most recent used six setting items. The frequency of the system updating should be constantly. The adaptive system could work based on the following rules:
  - The adaptive system counts the usage of setting features which is opened (accessed) from the Settings main view. The system also counts the usage of the application settings, if the user accesses to the application settings from the Settings main view.
  - If the setting features/items are accessed from the Status Indicator menu or from the Applications, then the adaptive system does not count the usage of them.
- The current values/status of those adaptive items will be visible on the main view:
  - If the items only contain one value or
  - If there is an essential value for the item. For example: the current used ringing tone will be shown on the main view.
- The “On/Off” control could be shown for the adaptive items if the controls are used in the corresponding setting views. Thus, user can make simple adjustments directly on the main view.
- Both current value/status and “On/Off” control can be shown together for one item according to above-mentioned rule. For example: the current used connection and “On/Off” control will be shown for the Internet connection item.



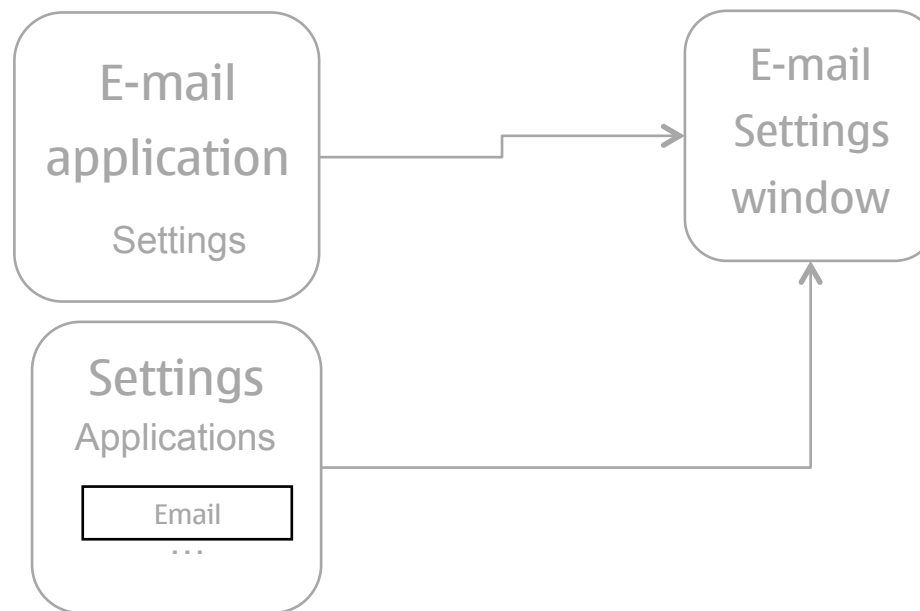
# Settings main view – Adaptive list 2/2

- There will be no value/status of those adaptive items shown on the main view if the items contain multiple settings. For example, “Display” setting contains Brightness setting and Light Sensor setting, so we only show “Display” as an item on the adaptive list, and there is no specific value shown for it. The same rule should be applied to Application settings.



# Settings panel – Application settings

- Applications' setting views can be accessed from the Settings panel. The Application designers are responsible for the UI design of the application setting views and dialogs.
- The same application setting view will be opened if the user either accesses the application setting from the Settings panel or from the application.
- Applications are responsible to provide setting plug-ins which to be accessed through the Settings panel.
- The 3<sup>rd</sup> party application setting views can be accessed from the Settings panel, if the 3<sup>rd</sup> party application will provide setting plug-ins (the same rules as described above).

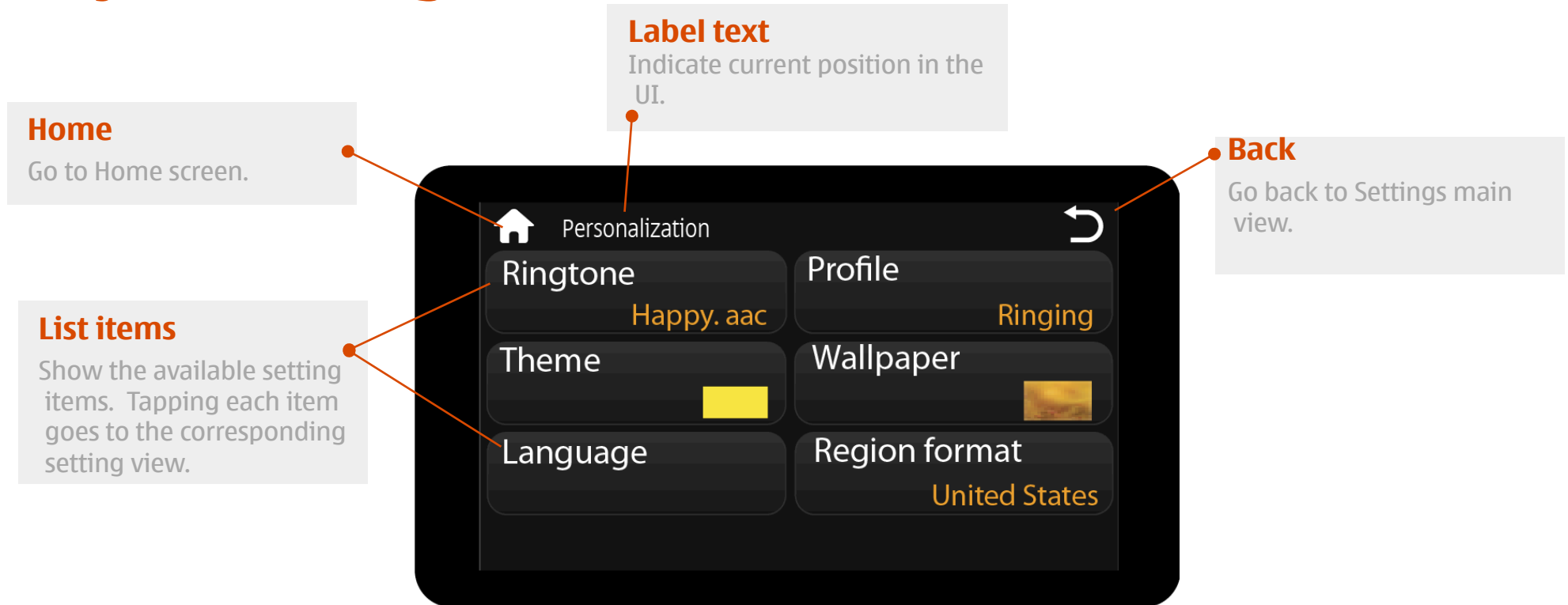


# Settings panel – Account settings

- Account & SSo project will provide the Account setting views (plug-ins) and Add new account wizard (plug-ins) so that Settings panel can use those plug-ins.

## Anatomy of the Design

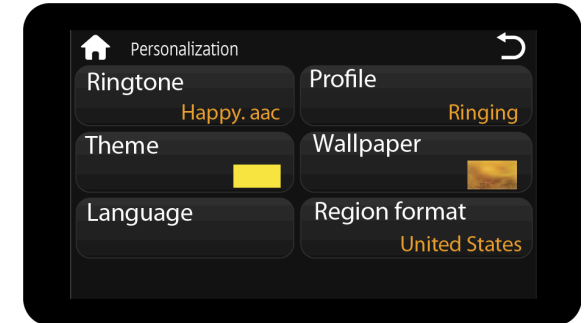
# Layout – Settings Personalization sub-view



## Anatomy of the Design

# Layout – Personalization view used components

Component	Owner	Required attributes
Container	FW	<p>The size of the container might vary between Portrait and Landscape. The container could contain multiple rows of texts, multiple buttons, images and toggle checkboxes and controls.</p> <p>All of those containers are tappable in here. The visual feedback is needed if the user taps any container.</p>
Label	FW	<p>There are two types of label (texts) in container:</p> <ul style="list-style-type: none"><li>• Label texts – title texts of the individual container (e.g. Ringtone, Wallpaper, etc.)</li><li>• Value texts - Indicating the current status or the most essential information of the items. The font size is smaller than title texts. Different color should be used.</li></ul>
Image	Core UI	<p>The images of current used Wallpaper and Theme should be shown as small thumbnails.</p>



# Anatomy of the Design

## Layout – Settings Application sub-view

### Home

Go to Home screen.

### Label text

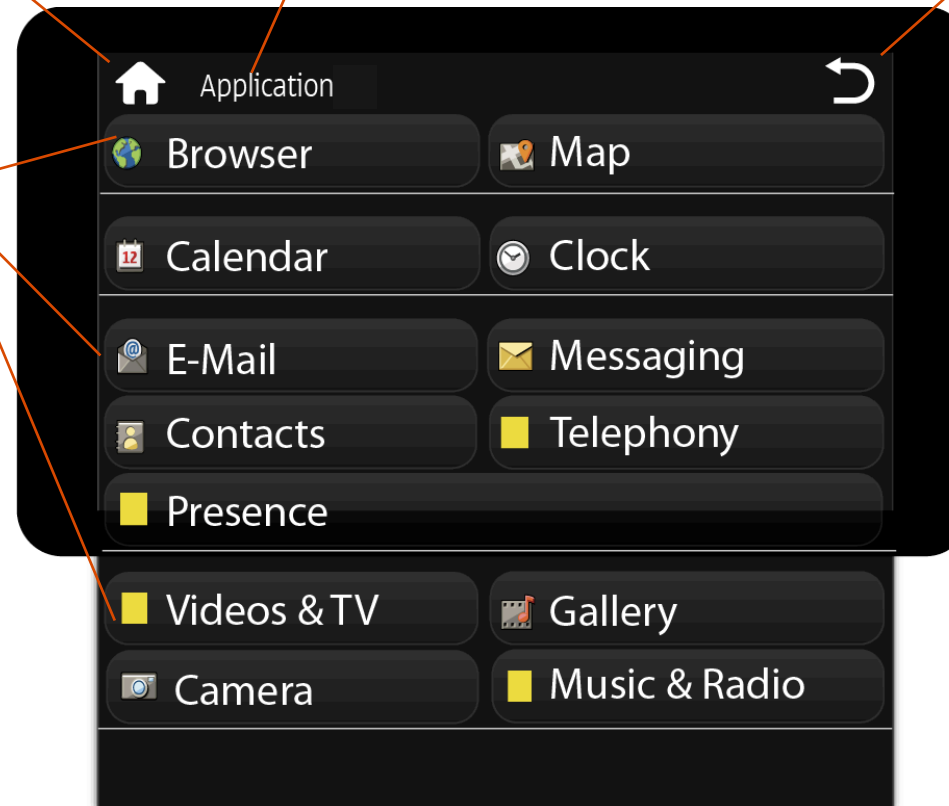
Indicate current position in the UI.

### Back

Go back to Settings main view.

### List items

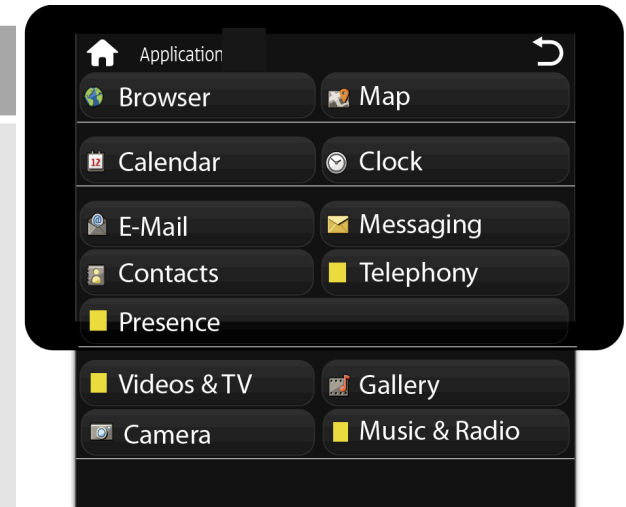
Show the available application setting items. Tapping each item goes to the corresponding application setting view.



## Anatomy of the Design

# Layout – Application view used components

Component	Owner	Required attributes
Container	FW	<p>The size of the container might vary between Portrait and Landscape. The container could contain multiple rows of texts, multiple buttons, images and toggle checkboxes and controls.</p> <p>All of those containers are tappable in here. The visual feedback is needed if the user taps any container.</p> <p>The containers could be grouped. The visual appearance of the grouping should be available.</p>
Label	FW	Label texts – title texts of the individual container (e.g. Browser, Map, etc.)
Images	FW	The icon of each application is shown with the application name.



## Anatomy of the Design

# Layout – Settings Connectivity sub-view

### Home

Go to Home screen.

### Label text

Indicate current position in the UI.

### Back

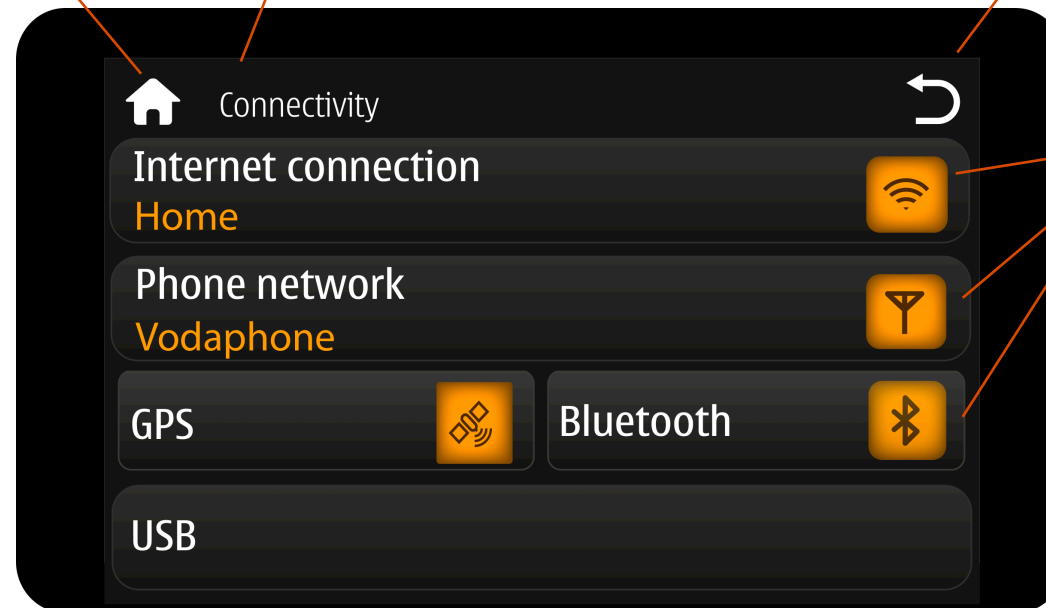
Go back to Settings main view.

### List items

Show the available connectivity setting items. Tapping each item goes to the corresponding connectivity setting view.

### On/Off buttons

Activate and deactivate the setting.

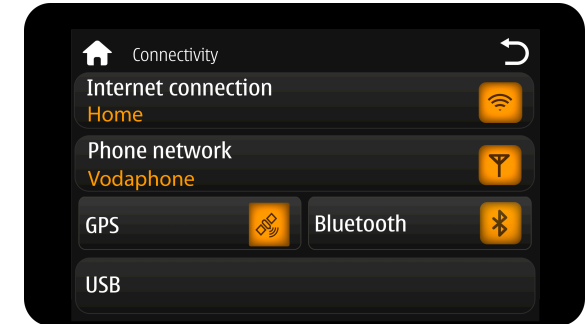




## Anatomy of the Design

# Layout – Connectivity view used components

Component	Owner	Required attributes
Container	FW	<p>The size of the container might vary between Portrait and Landscape. The container could contain multiple rows of texts, multiple buttons, images and toggle checkboxes and controls.</p> <p>All of those containers are tappable in here. The visual feedback is needed if the user taps any container.</p>
Label	FW	<p>There are two types of label (texts) in container:</p> <ul style="list-style-type: none"><li>• Label texts – title texts of the individual container (e.g. GPS, USB, etc.)</li><li>• Value texts - Indicating the current status or the most essential information of the items. The font size is smaller than title texts. Different color should be used.</li></ul>
Checkbox	FW	<p>Icons are shown on the checkboxes, the dynamic icon should be used for Internet connection. For example: if the connection type is changed, then the current used connection icon should be shown (e.g. 3G, WIFI, etc.)</p> <p>The checkboxes can be switched as “On/Off” status. Two states: active (On) and inactive (Off).</p>



# Anatomy of the Design

## Layout – Settings Account sub-view

### Home

Go to Home screen.

### Label text

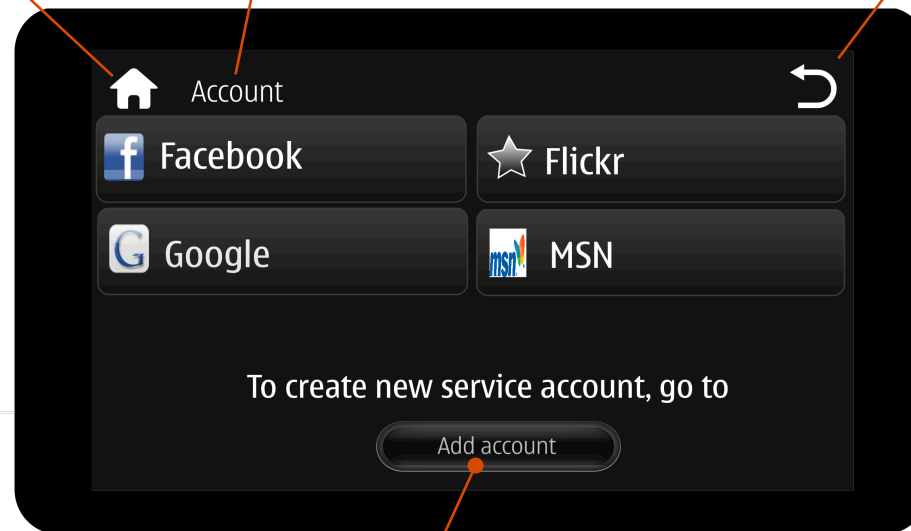
Indicate current position in the UI.

### Back

Go back to Settings main view.

### List items

Show the available account items. Tapping each item goes to the corresponding account setting view. The number of items can be reduced or added if the user has deleted or added any account.



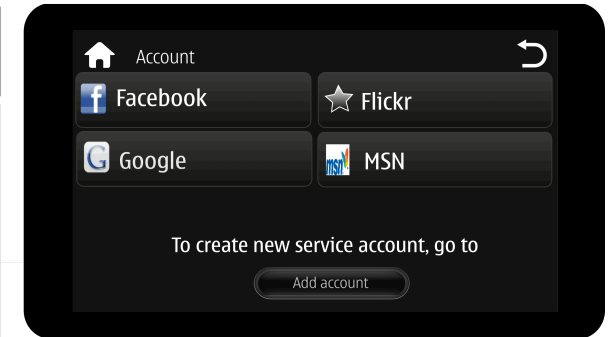
### Add account

Go to "Add account" wizard.

## Anatomy of the Design

# Layout – Account view used components

Component	Owner	Required attributes
Container	FW	<p>The size of the container might vary between Portrait and Landscape. The container could contain multiple rows of texts, multiple buttons, images and toggle checkboxes and controls.</p> <p>All of those containers are tappable in here. The visual feedback is needed if the user taps any container.</p>
Label	FW	Label texts – title texts of the individual container (e.g. Facebook, Google, etc.)
Images	FW	The logo icon of each service account is shown with the application name.
Button	FW	The link button for going to another view.

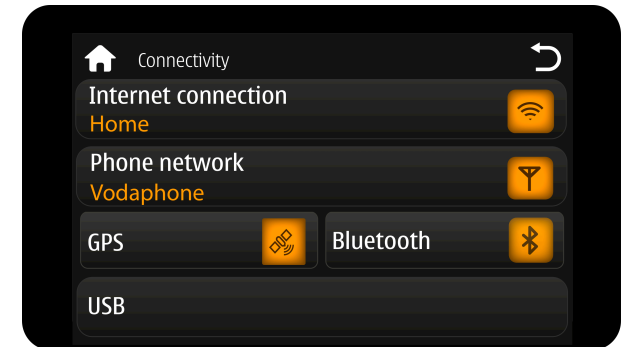


# Setting sub-views 1/2

- The Setting sub-views are opened from the Setting main view. Those sub-views show all available setting items/features under each setting category. There might have the following setting sub-views (The category names might be modified when the full set of settings are defined):
  - Personalization
  - Connectivity
  - Application
  - Account
  - Security (this sub-view is not available yet, since there is no content defined yet.)
  - Device System (this sub-view is not available yet, since there is no content defined yet.)
- The items inside each category can be added or reduced when the full set of settings are defined.
- The current values/status of those items will be visible on the sub-views if the items only contain one value or if there is only one essential value for the item. For example: the current used ringing tone will be shown on the Personalization sub-view.
- The “On/Off” control could be shown for the items if the controls are used in the corresponding setting views. Thus, user can make simple adjustments directly on the sub-views.

# Setting sub-views 2/2

- Both current value/status and “On/Off” control can be shown together for one item according to above-mentioned rule. For example: the current used connection “Home” and “On/Off” control are shown for the Internet connection item.
- There will be no value/status of those items shown on the sub-views if the items contain multiple sub-settings. For example, all applications contain multiple setting items, thus there is no value shown for any of the application item.
- The setting item will be still shown on the sub-view even it is also shown as an adaptive item on the setting main view. For example, the “Ringtone” is shown on both Setting main view and Personalization sub-view.



# Anatomy of the Design

## Layout – Settings Ringtone main view

### View menu

Options in view menu are:

Share (multiple sharing); Record; Add service; Add tones from your music; Search.

### Home

Go to Home screen.

### Recently listened music items

Show three most recent listened music. User can select the music as current used ringtone by tapping the item. User can listen the music by tapping the “Play” button. User can add the music as ringtone into the Ringtone list by tapping the “Add” button.

### Label text

Indicate current position in the UI.

### Back

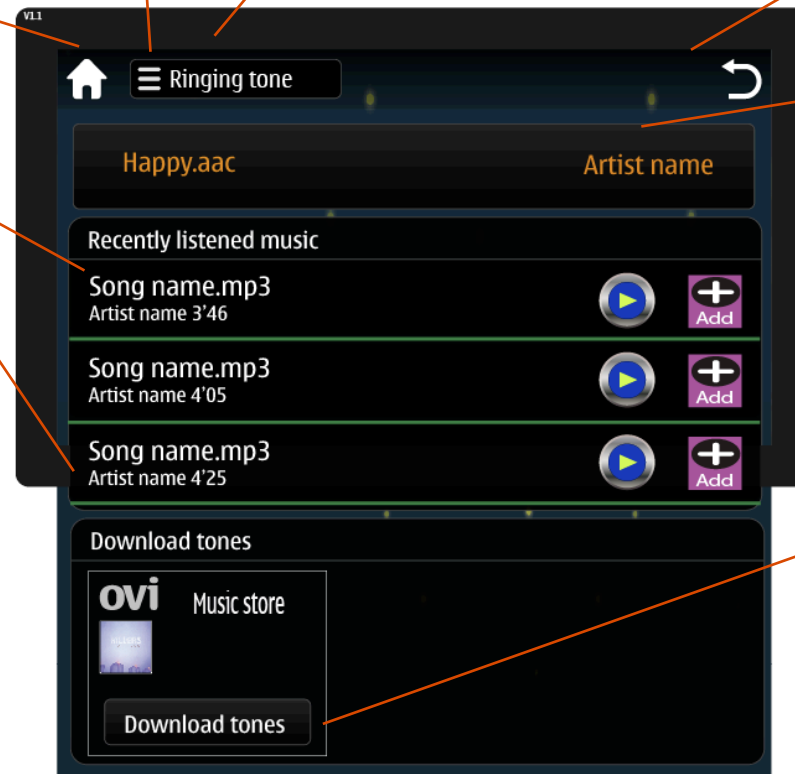
Go back to the previous view.

### Current used ringtone

Go to Select tone view for changing the tone by tapping the name of the tone.

### Download tones

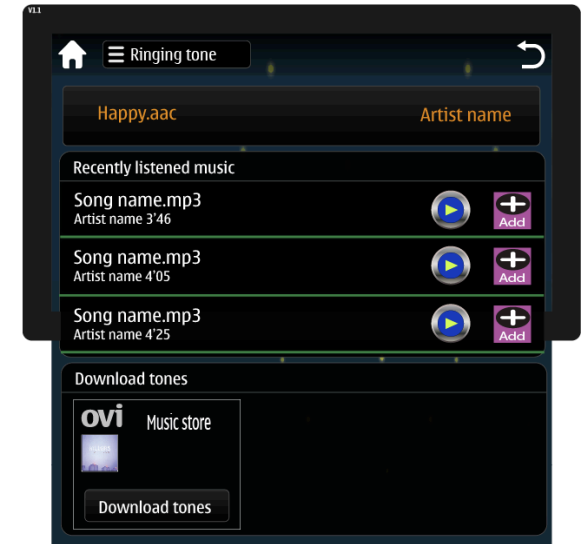
Show available service for downloading ringtone. Tapping the “Download tones” button download ringtone from the corresponding service.



## Anatomy of the Design

# Layout – Ringtone view used components 1/3

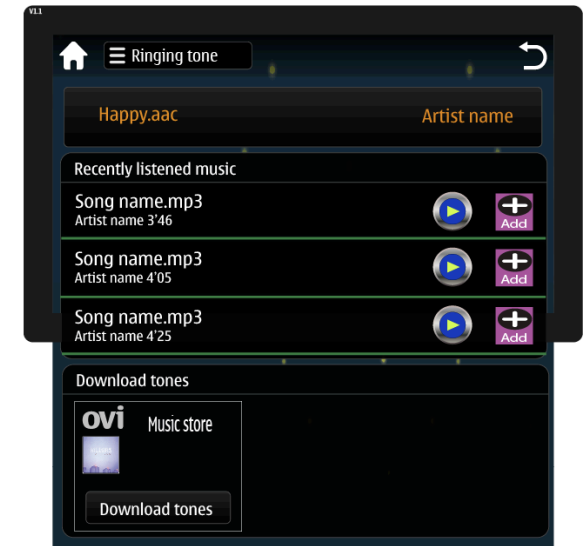
Component	Owner	Required attributes
Container	FW	The size of the container might vary between Portrait and Landscape. The container contains texts (one row) and button ("Share" button). This is a tappable container, tapping the name of the ringtone opens the Select tone view.
Label	FW	Texts : Title texts of the container ("Happy. aac" and "Artist name") Texts in the buttons: e.g. Download tones. Label texts, e.g. "Recently listened music", "Download tones". Service logo text: e.g. "ovi". Texts inside of service box, e.g. "Music store". Texts of list item: two sizes of fonts are needed. The bigger font size is for e.g. "Song name, mp3". The smaller font size is for e.g. "Artist name".
Image	FW	The logo icon of the service is shown inside of the service container.
Button	FW	Three types of buttons: Button with texts, e.g. "Download tones" button. Play button: it will change to "Stop" button after the user tapping it. Button combines icon and text: e.g. "Add" button.



## Anatomy of the Design

# Layout – Ringtone view used components 2/3

Component	Owner	Required attributes
List	FW or customized?	<p>Dynamic list items of “Recently listened music”. The list items will be changed according to the user’s usage. Each list item is consisted with texts, Play button and “Add” button.</p> <p>The list supports single selection (tapping the item), the visual indication of the selection should be provided.</p> <p>The volume control should be visible for user to adjust the volume of the music if the user taps the Play button.</p>
View menu	FW	<p>Four options in View menu:</p> <ul style="list-style-type: none"> <li>• Share</li> <li>• Record</li> <li>• Add service</li> <li>• Add tons from your music</li> <li>• Search</li> </ul>
Image	FW	The logo icon of the service is shown inside of the service container.
Service container	FW	The service container shows the service information, e.g. name, logo of the service, and the content of the service (e.g. Music store). It could contain the button inside of the container.
Search	Content Framework	Search service for searching the ringing tone.
Content picker	Content Framework	Content picker for user to select music from own music library.

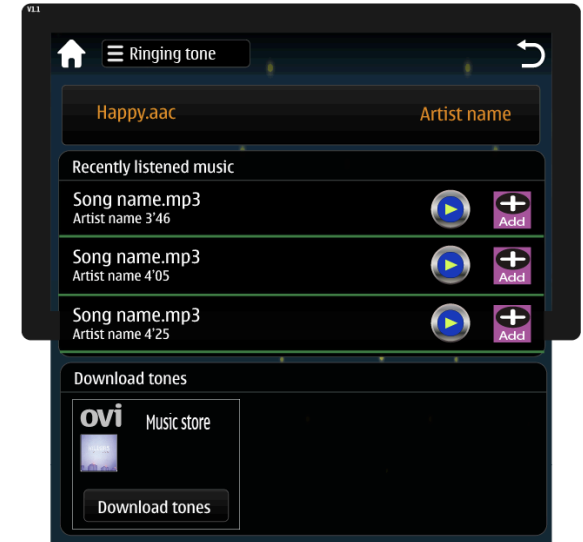




## Anatomy of the Design

# Layout – Ringtone view used components 3/3

Component	Owner	Required attributes
Mashup container	FW	The mashup container for showing services (“Download tones”). There will be at most four service containers shown on the main view. If there are more than four services available, then a “See all” button will be available in “Download tones” mash-up container.
Sharing	Sharing	Share content via share dialog. Both single and multiple sharing are needed.



# Anatomy of the Design

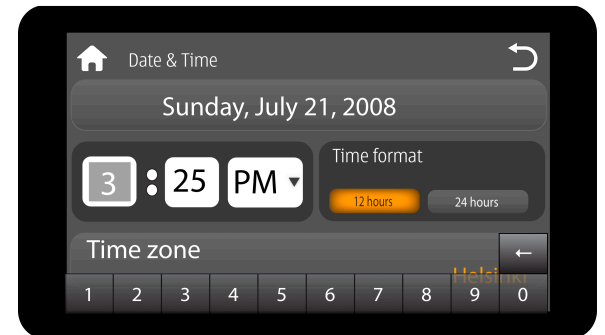
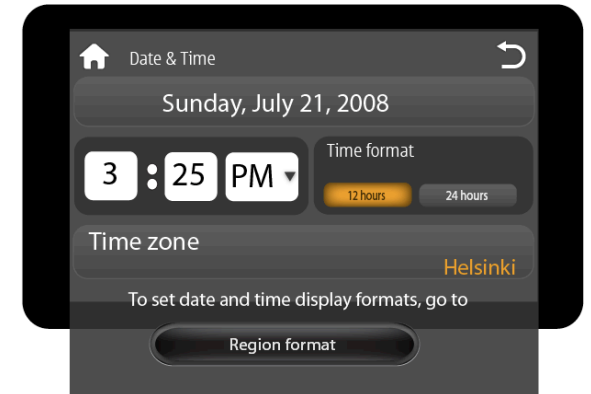
## Layout – Settings Date & Time main view



## Anatomy of the Design

# Layout – Date & Time view used components 1/2

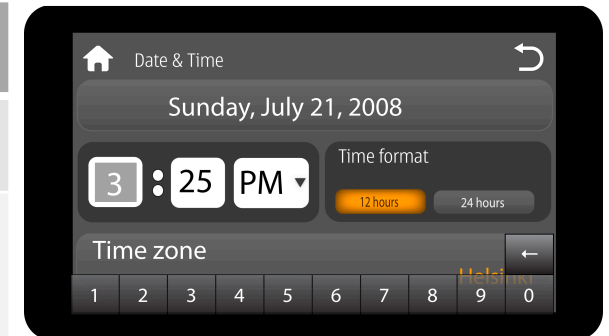
Component	Owner	Required attributes
Container	FW	<p>Tappable container: for current date and time zone. The size of the container might vary between Portrait and Landscape. The container contains title texts and value texts (e.g. Helsinki).</p> <p>Non-tappable container: for current time and time format. The size of the container might vary between Portrait and Landscape. The container contains text input field, pop-up list and buttons.</p>
Label	FW	<p>Texts :</p> <p>Title texts of the container: e.g. “Time zone”, “Sunday, July...”.</p> <p>Texts in the buttons: e.g. “Region format”, “12 hours”, etc.</p> <p>Value texts: different color should be used, and the font size is smaller than the title texts of the container. The text will be dynamically changed according to the selected value.</p> <p>Hints texts: explaining the purpose of the link.</p>
Text field	Text input provider	User can modify the hour and minutes by tapping the hour and minute field. Showing visual feedback if the user has tapped the field (the field is in the editing mode).



## Anatomy of the Design

# Layout – Date & Time view used components 2/2

Component	Owner	Required attributes
Keyboard	Text input provider	Virtual number keyboard for inputting the hour and minutes.
Button	FW	Two types of buttons, both are with texts: Value selection button: e.g. "12 hours", "24 hours". Different visual appearances for selected and non-selected button. Link button: go to another view by tapping the button.
Pop-up list	FW	It contains two options: AM and PM. The pop-up list item will be disappeared if the user has selected "24 hours".



*Disclaimers: The Date and Time picker are not available yet, the design of changing time and date might change according to the component designed for Time and Date picker!*

# Anatomy of the Design

## Layout – Settings Language main view

### View Menu

Contain one option: "Add service", which allows user to add service repository for downloading keyboard.

### Label text

Indicate current position in the UI.

### Back

Go back to the previous view.

### Home

Go to Home screen.

### Display language

Show the current used display language. Open the Language selection dialog window by tapping the item.

### Keyboard

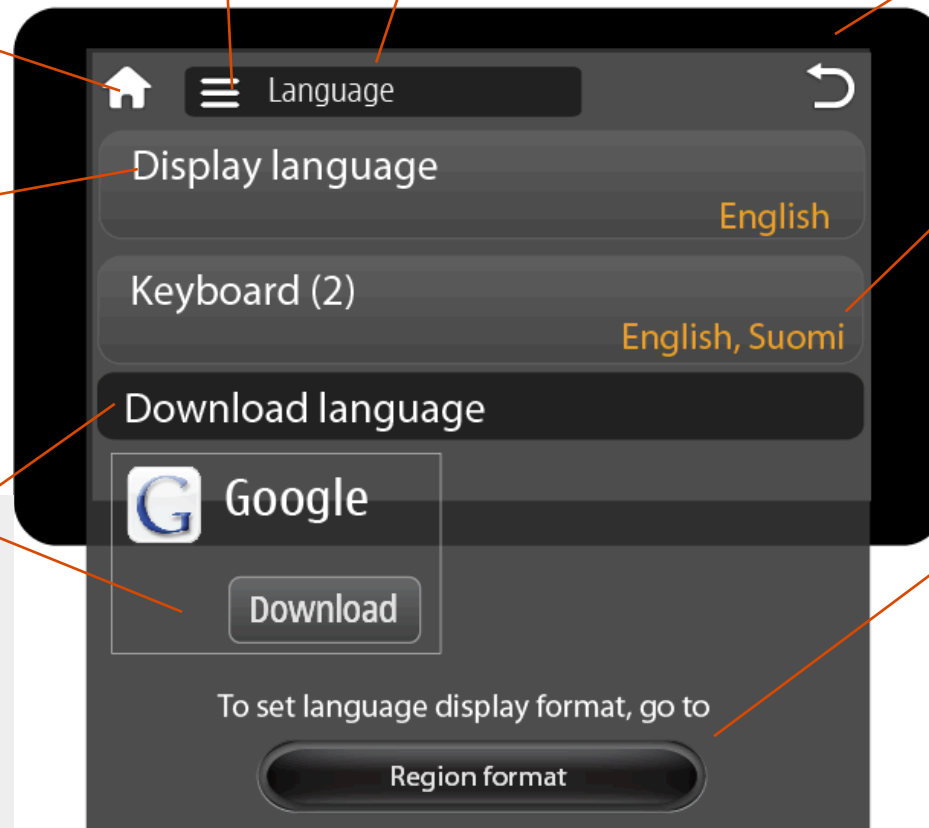
Show the current selected keyboard languages. Open the Language selection dialog window by tapping the item.

### Download language

Show available service for downloading keyboard and display language. Tapping the "Download" button to go to the corresponding service to download language or keyboard from there.

### "Region format" link

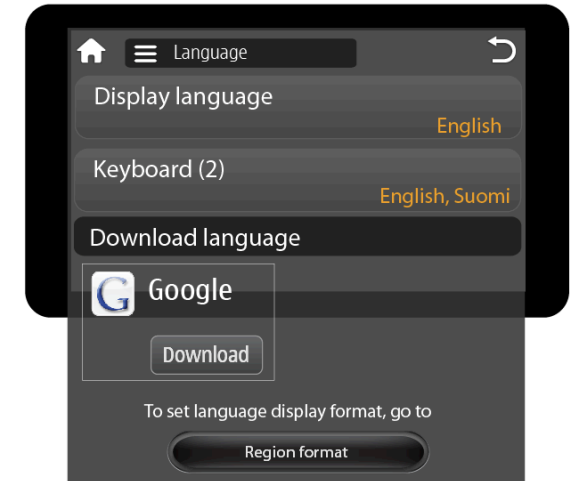
Go to "Region format" setting main view by tapping the button.



## Anatomy of the Design

# Layout – Language view used components 1/2

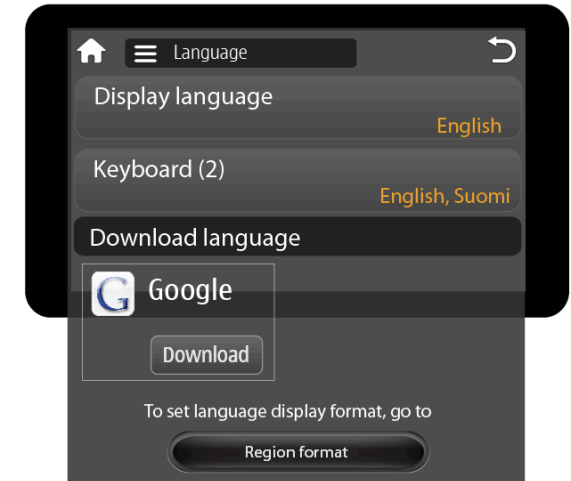
Component	Owner	Required attributes
Container	FW	Tappable containers: for display language and keyboard language. The size of the container might vary between Portrait and Landscape. The container contains title texts and value texts (e.g. English).
Label	FW	<p>Texts :</p> <p>Title texts of the container: e.g. “Display language”, “Keyboard”.</p> <p>Value texts: different color should be used, and the font size is smaller than the title texts of the container. The text will be dynamically changed according to the selected value.</p> <p>Hints texts: explaining the purpose of the link.</p> <p>Texts in the buttons: e.g. “Region format”, “Download”, etc.</p> <p>Number of the selected keyboard: this is dynamic texts which is changed according to the selection.</p>
Button	FW	Link button: go to another view by tapping the button.
View menu	FW	One option in View menu: Add service.



## Anatomy of the Design

# Layout – Language view used components 2/2

Component	Owner	Required attributes
Mashup container	FW	The mashup container for showing services (“Download language”). There will be at most four service containers shown on the main view. If there are more than four services available, then a “See all” button will be available in “Download language” mashup container.
Service container	FW	The service container shows the service information, e.g. name, logo of the service, and the content of the service. It could contain the button inside of the container.



# Anatomy of the Design

## Layout – Settings Region format main view

### Home

Go to Home screen.

### Dates

Show the date format according to selected region. But user can still select date separator from the pop-up list.

### Label text

Indicate current position in the UI.

### Back

Go back to the previous view.

### Region format

Show the selected region. Go to the region selection dialog window by tapping the item.

### Time format

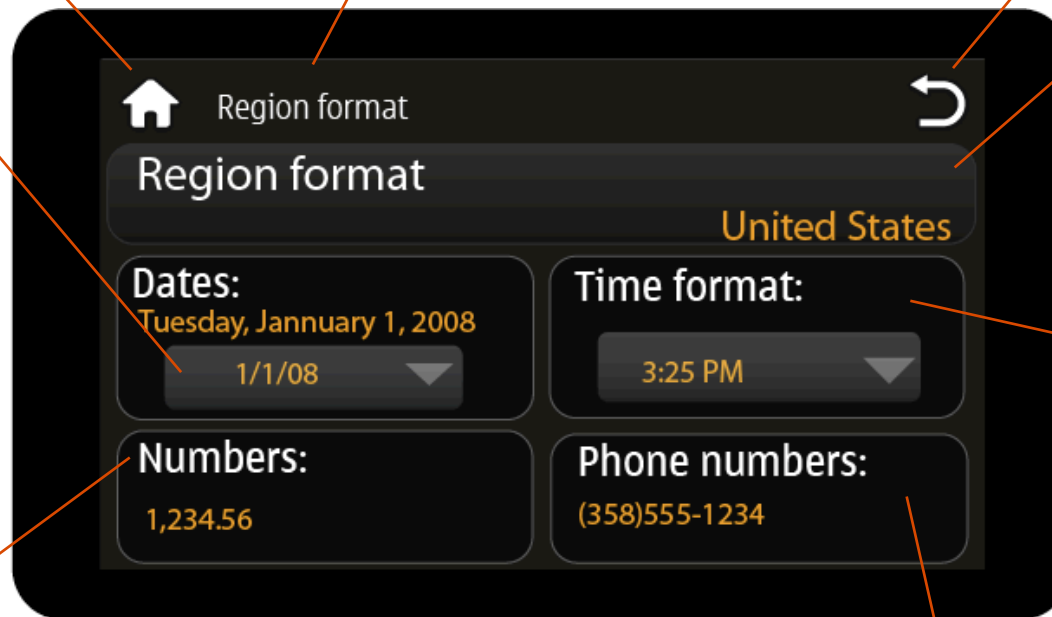
Show the time format according to selected region. But user can still select time separator from the pop-up list.

### Numbers

Show the number format according to the selected region.

### Phone numbers

Show the phone number format according to the selected region.

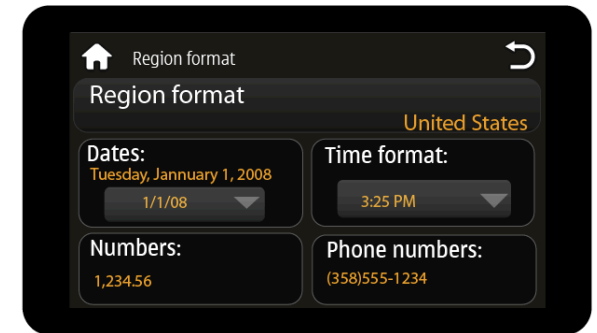




## Anatomy of the Design

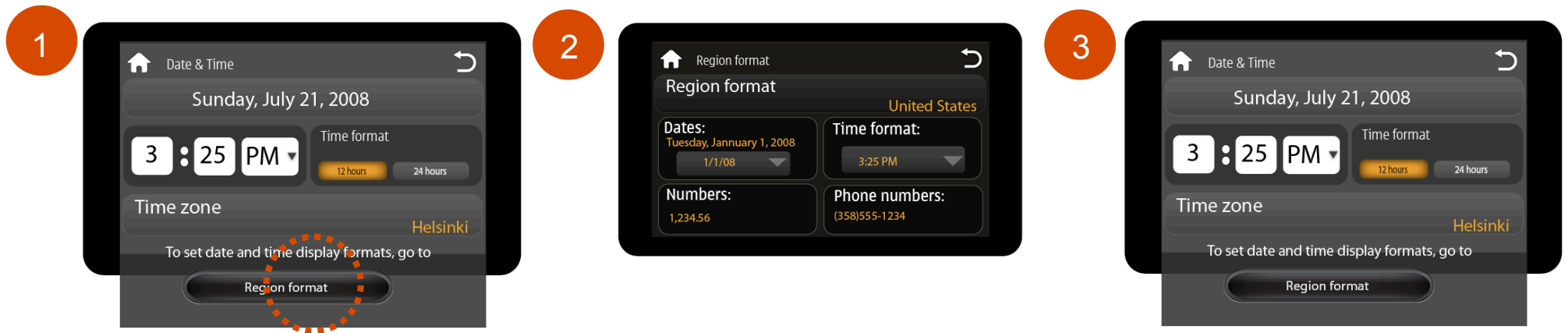
# Layout – Region format view used components 1/2

Component	Owner	Required attributes
Container	FW	<p>Tappable containers: for region format. The size of the container might vary between Portrait and Landscape. The container contains title texts and value texts (e.g. United States).</p> <p>Non-tappable container: for dates, time, numbers, and phone numbers. The size of the container might vary between Portrait and Landscape. The container contains title texts, value texts and pop-up list.</p>
Label	FW	<p>Texts :</p> <p>Title texts of the container: e.g. “Region format”, “Dates:”, etc.</p> <p>Value texts: different color should be used, and the font size is smaller than the title texts of the container. The text will be dynamically changed according to the selected value.</p> <p>Texts in the pop-up list field.</p>
Pop-up list	FW	Pop-up list for selecting value. There will be 5 options in Dates pop-up list. There will be two options Time pop-up list.



# Links in setting views

- There are links available in some setting views for user to go to another relevant setting view. For example, there is “Region format” link available on “Date & Time” setting view.
- If the relevant setting view is opened through the link, then tapping “Back” button on the next view will always go back to the previous view.



⇒ User taps the “Region format” button to go to the “Region format” setting view.

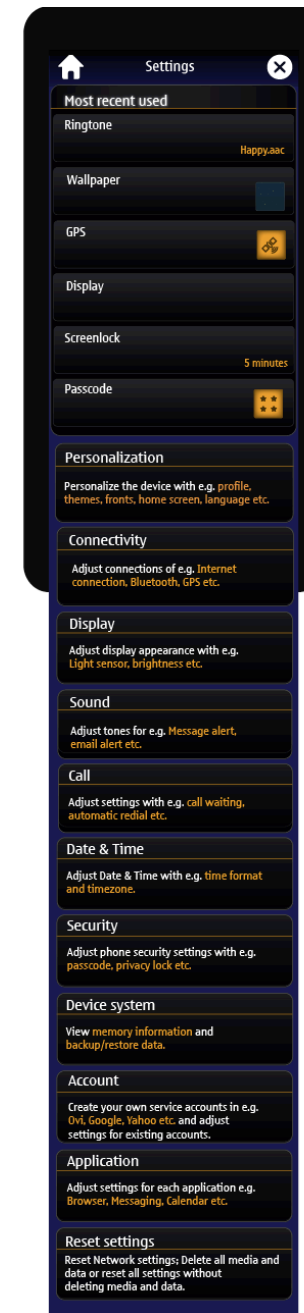
⇒ User taps “Back” button to go back to the previous view.

⇒ The “Date & Time” view is opened after the user tapping the “Back” button on “Region format” view.

# Portrait vs. landscape

- There is no functional behavior difference between portrait and landscape modes.

*Disclaimers: This image is a draft drawn by the UI designer, it does not represent final graphical quality!*



# Scalability

- How the design scales to 3":
  - The current layouts can be still used in landscape and portrait views.
  - Using smaller font sizes if needed.
- How the design scales to 4":
  - The current layouts can be still used in landscape and portrait views .
  - Using bigger font sizes if possible.
- How the design scales to 5":
  - The current layouts can be still used in landscape and portrait views.
  - Using bigger font sizes and icon sizes if possible.

# Out of the Box

- The adaptive list is completely empty when the device is launched first time.
- The most common used categories will be shown on the top of the category list. The categories and the presented order of the categories will be defined later.

# Context & Adaptability

- The adaptive system monitors the user's usage of setting items, and it shows the most recent used setting items on the top of the screen as the adaptive setting list.
- Providing the “smart default” settings for the user. The device tries to propose the right setting value, so that the user could just confirm the value, instead of browse through the options.

# Personalization

- The user cannot personalize the appearance or behavior for settings in the first product, and the reasons are:
  - The user can find the most common used setting items (e.g. Profile selection, Internet connection, Clock alarm setting, etc.) on Status Indicator menu.
  - The most recent used setting items are adaptively shown on the top of the Settings main view.
  - The UI of settings should be as simple as possible. Do not provide overloaded tasks for user to complete.
- If the user changes different theme to be used, then only font size or the font style used in Settings could be changed. There should not be any dramatic changes (for example: changing the order of the settings, etc.) appeared by selecting different themes.
- The personalization feature for Settings could be possible for the next product, for example: user could hide unnecessary settings and organize the order of the settings.

# Localization

- The possible new terminologies:
  - WLAN
  - Wi-Fi
  - Service account (account settings)
- The terminologies will be identified after the full set of setting items have been defined.
- Terminology will be agreed together with IxD and LTD before starting the UI text localization.



# Dependencies (1/4)

## Requirements to CORE frameworks

- Common component guideline

## Requirements from CORE frameworks

- No requirements received yet!

## Components /provided for other applications

- This will be checked later!

# Dependencies (2/4)

## Requirements to other applications (1/3)

- **Cellular Adaptation project**
  - Providing default settings for Time, Date, and Region.
  - Updating settings for Time, Date and Region when the user travels to the different countries.
- **Connectivity Framework and Cellular Adaptation projects**
  - Providing Connection setting views and dialogs, for example: Internet connection settings, Phone network setting, Bluetooth settings, etc.
- **System Software project**
  - Providing Display setting views and dialogs for adjusting e.g. Brightness, screen lock, etc.
  - Providing USB setting view.
  - Providing Profile setting view.
- **Platform Security**
  - Providing Pass code setting view.
- **Backup & restore project**
  - Providing Backup/Restore setting views and dialogs.

# Dependencies (3/4)

## Requirements to other applications (2/3)

- **Location project**
  - Providing GPS settings view.
- **Account & SSo project**
  - Providing “Creating new account” wizard.
  - Providing accounts setting views.
- **Content Framework**
  - Providing “Search” service for e.g. Ringing tone search.
- **Content manager project**
  - Providing content manager widget for selecting content, for example: selecting music from music library to set them as ringing tone.
- **Sharing project**
  - Providing Share dialog for e.g. sharing ringing tone, wallpaper, etc.
- **All applications**
  - Providing application setting views and dialogs.
  - Providing individual account setting views if the account setting is accessible in the application.

# Dependencies (4/4)

## Requirements to other applications (3/3)

- **Sound framework (not sure which project it is)**
  - Providing sounds/music for ringing tone
- **Media framework (not sure which project it is)**
  - Providing Themes
    - The user should be able to download new themes from the service.
  - Providing Wallpapers
    - The user should be able to download new wallpapers from the service.

## Requirements from other applications

- **Account & SSo Framework**
  - All account settings can be accessed from the settings panel.

# Proof of Concept

## Use Case Walkthrough

# Walkthrough

## Critical/Frequent tasks

### 1. Adjusting Profile setting

- User can change Profile directly on Status Indicator System menu . (The detailed description is in “Status\_Indicator \_System \_Design \_Brief” document).

### 2. Changing Date & Time

### 3. Changing Ringing tone

### 4. Adjusting Bluetooth setting

### 5. Adjusting Display settings

### 6. Adjusting Internet connection setting

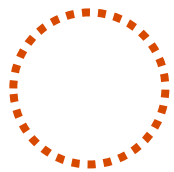
### 7. Adjusting device system volumes: e.g. Ringing tone volume, etc.

### 8. Changing Languages (Display language & Keyboard language)

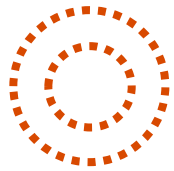
### 9. Adjusting application – Camera setting

### 10. Adding account

# Touch symbols



Tap



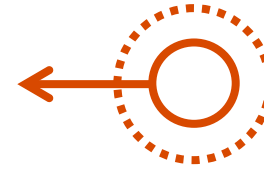
Double tap



Long press



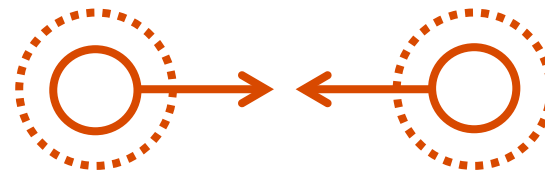
Flick



Touch - drag



Zoom in

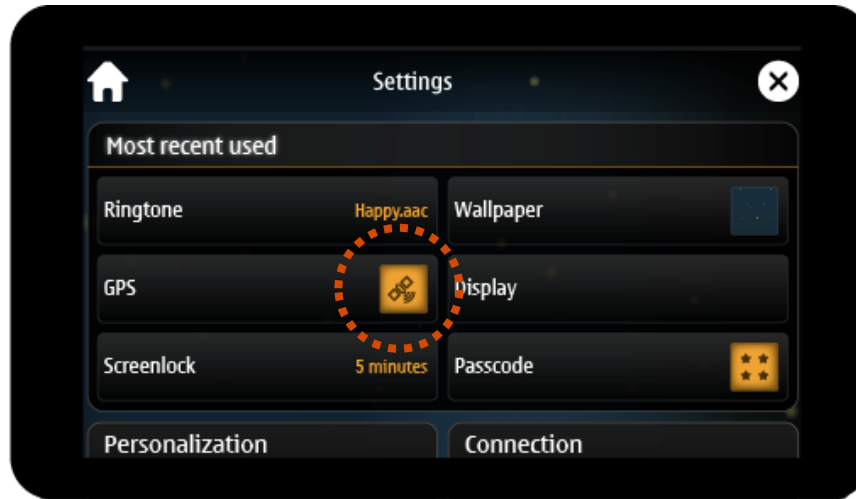


Zoom out

# Walkthrough

## Adaptive list items – Direct adjustment on main view

1



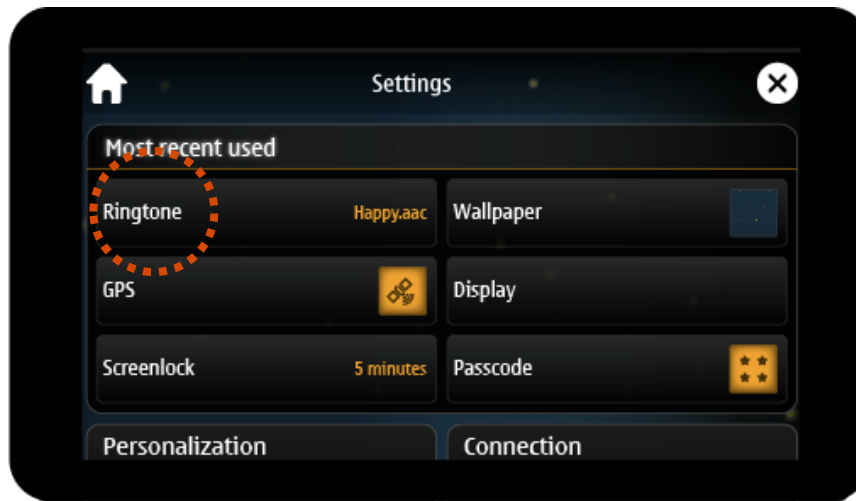
⇒ User can make simple adjustment for some of the most recent used items on setting main view. For example, user can switching GPS to be "On/Off" by tapping the GPS On/Off button.



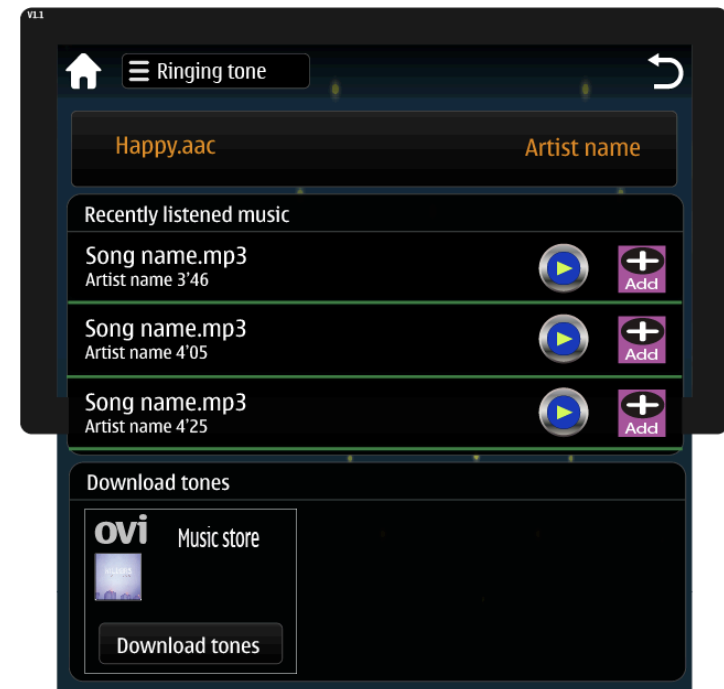
# Walkthrough

## Adaptive list items – accessing to the setting views

1



2



⇒ User can access to the Ringing tone setting view by tapping the “Ringtone” item.

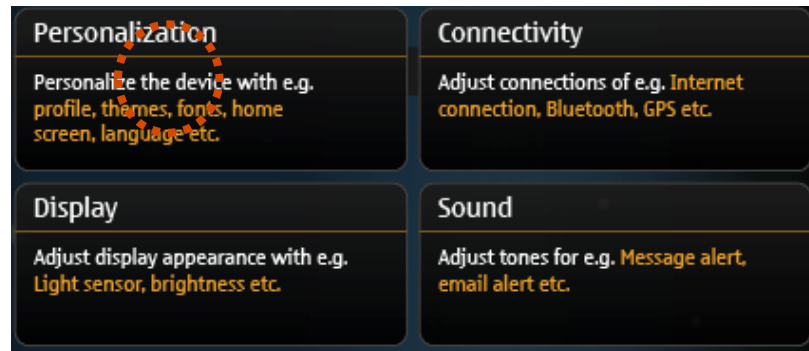
⇒ User can e.g. change, download, and add ringing tone from device music library in the “Ringtone” setting main view.

**Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

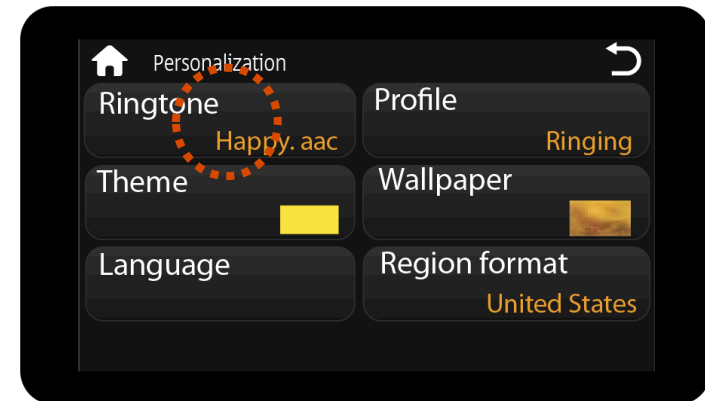
## Category list – accessing to the category sub-views

1



⇒ User can access to the category content sub-view to check the items inside of the category by tapping the category item on main view.

2

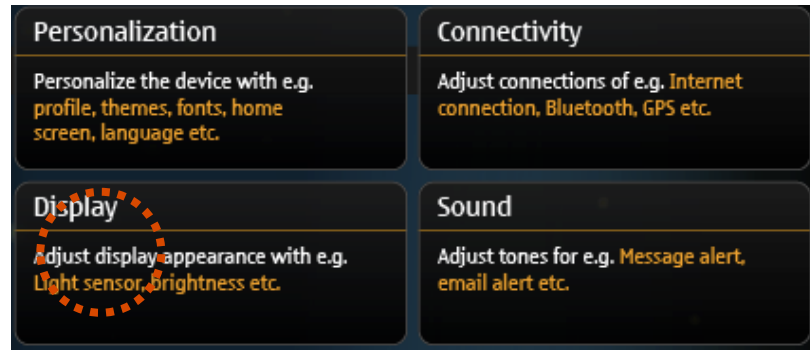


⇒ User can check the current values or statuses of the setting items in the category content view. User can access to the corresponding setting views by tapping the items. **Disclaimer: This is a draft design image only, not the final design!**

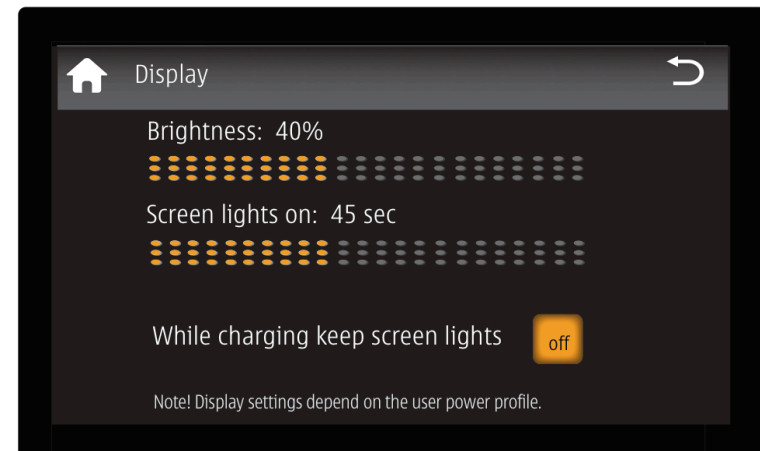
# Walkthrough

## Category list – accessing to the setting views

1



2



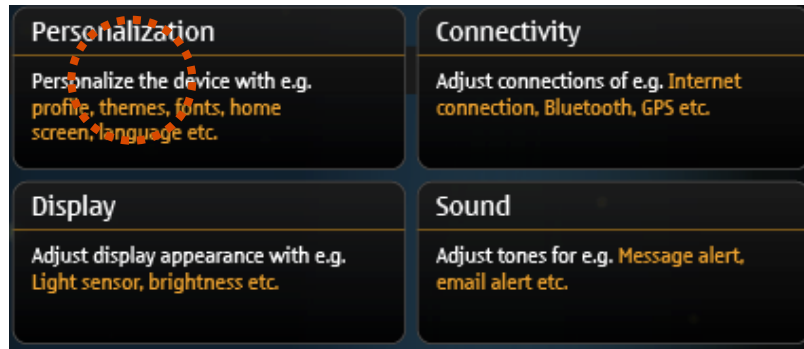
⇒ User can access to the corresponding setting view by tapping the category item, if those settings items are presented in one view. For example, user taps the “Display” on the main view to access to the Display setting view.

⇒ User can adjust e.g. Brightness, Screen light settings in the Display setting main view. The Display setting view is provided by System software project. The detailed design of the view should be available in Display design brief! **Disclaimer: This is draft design image only, not the final design!**

# Walkthrough

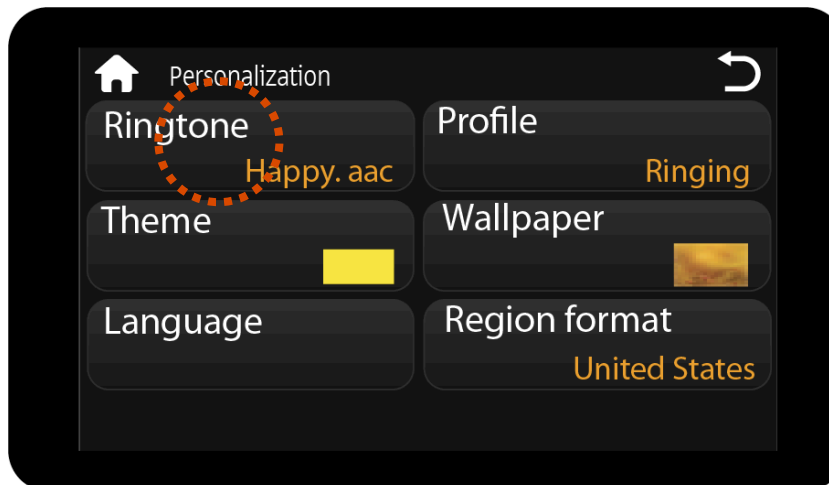
## Changing Ringing tone (1/2)

1



⇒ User taps the “Personalization” category to access to the Personalization category view.

2

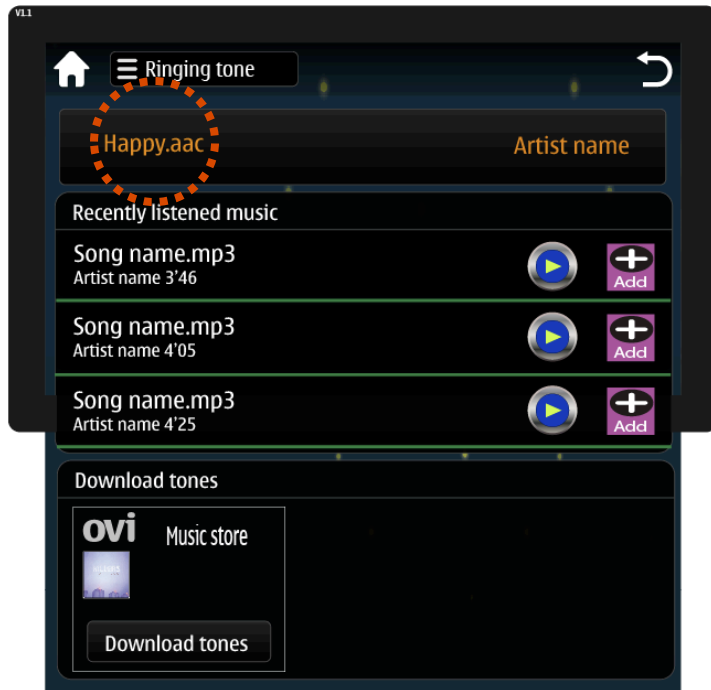


⇒ In Personalization category view, user taps “Ringtone” item to access to the Ringing tone setting main view. **Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

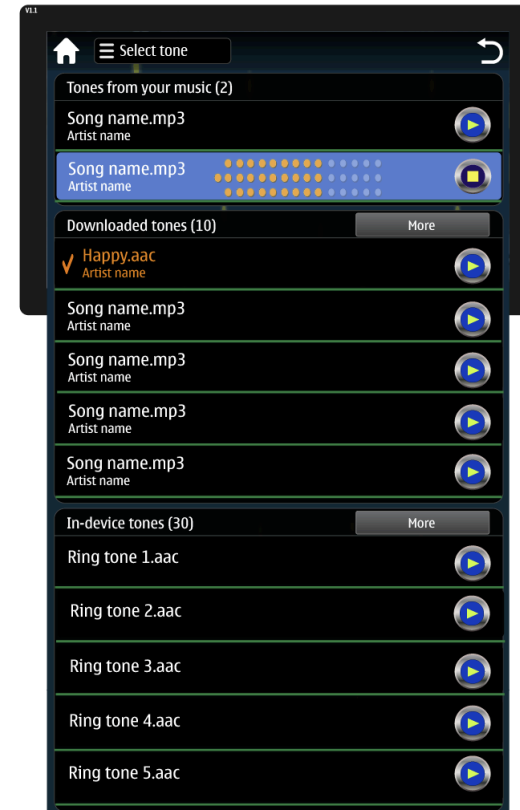
## Changing Ringing tone (2/2)

3



⇒ In Ringtone setting main view, user taps the current used ringing tone title to open the Ringing tone selection view.

4



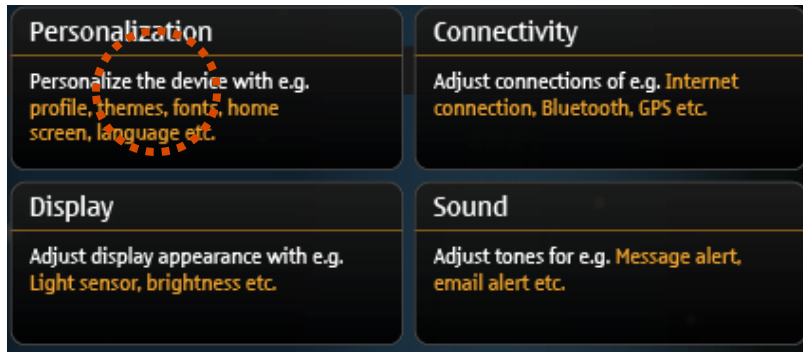
⇒ In “Select tone” view, user can select the ringing tone by tapping the name of the ringing tone.

**Disclaimer: All images are draft design only, not the final designs!**

# Walkthrough

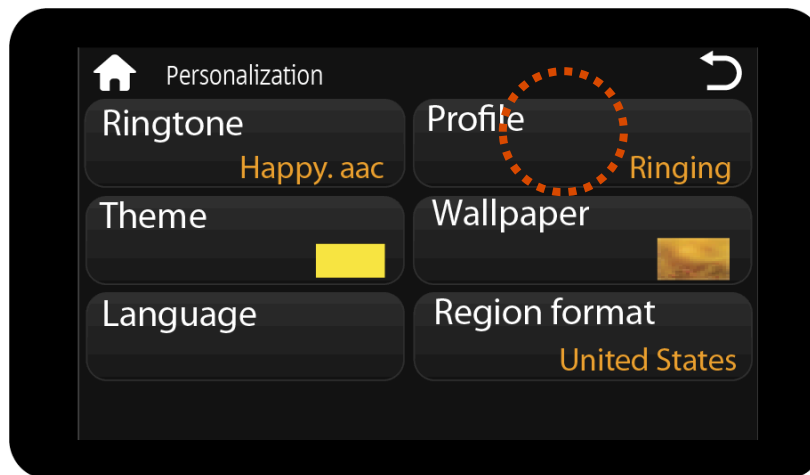
## Adjusting Profile setting/Adjust ringtone volume (1/2)

1



⇒ User taps the “Personalization” category to access to the Personalization category sub-view.

2

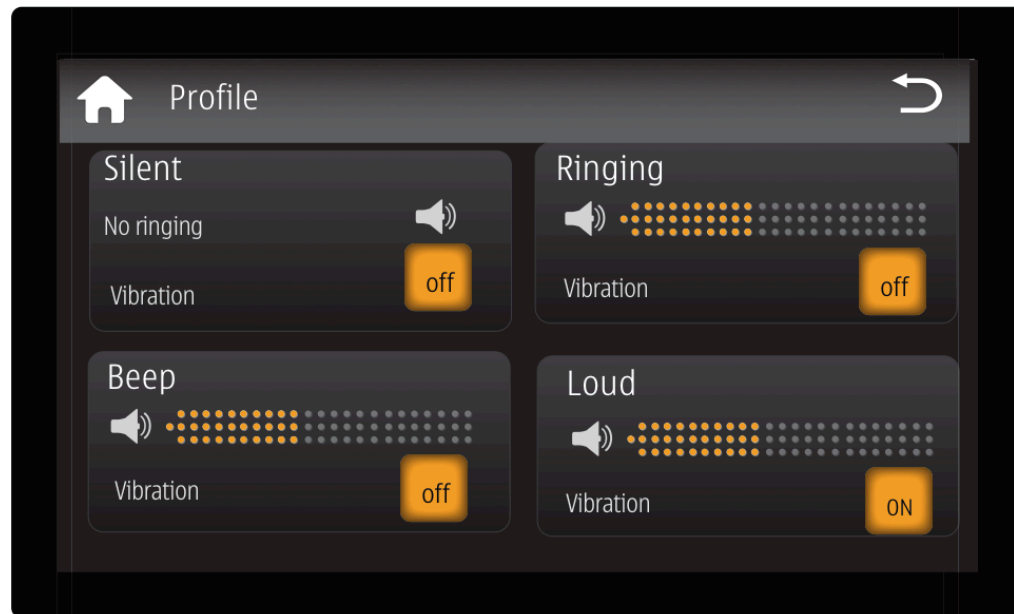


⇒ In Personalization category view, user taps “Profile” item to open the “Profile” setting main view.

# Walkthrough

## Adjusting Profile setting/Adjusting ringtone volume (2/2)

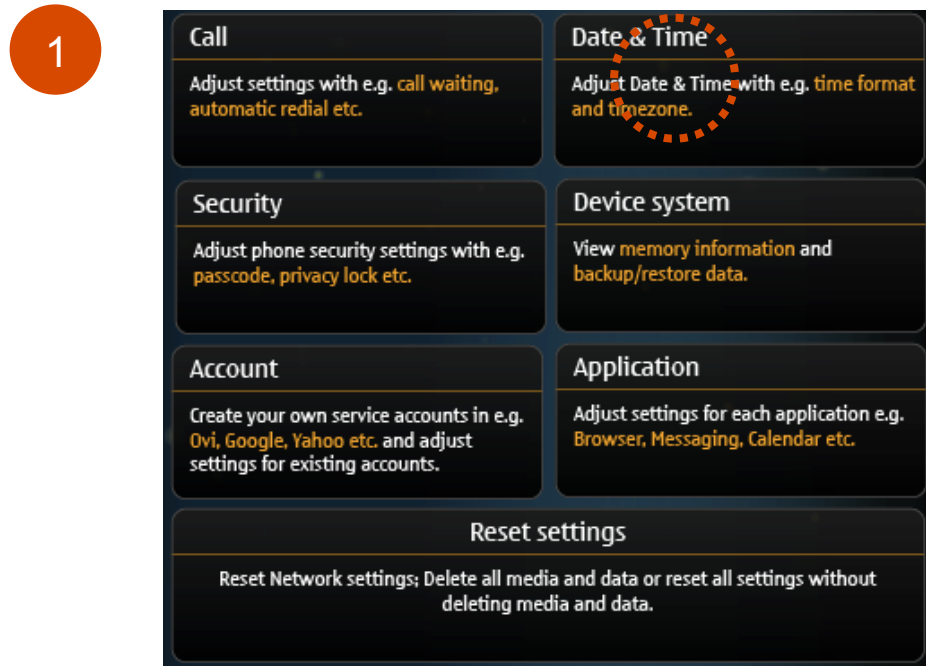
3



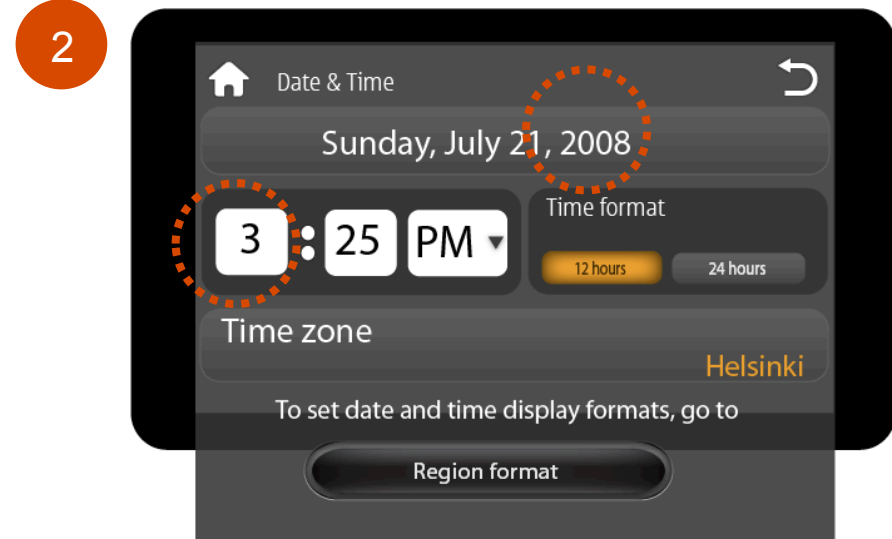
⇒ In “Profile” setting main view, user can adjust the volume of all profiles, except “Silent” mode. User can turn vibration to be “On” or “Off”. The “Profile” setting view is provided by System Software project. The detailed design of the view should be available in Profile design brief! **Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

## Changing Date & Time (1/2)



⇒ User taps the “Date & Time” category to access the “Date & Time” setting main view.



⇒ In “Date & Time” setting main view, use can tap the current date information to change the date, and tap the current time field to change the time. **Disclaimer: This is a draft design image only, not the final design!**



# Walkthrough

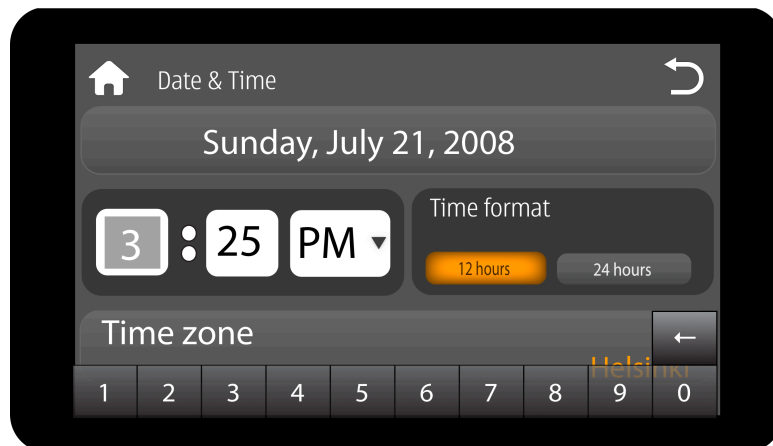
## Changing Date & Time (2/2)

3



⇒ A “Select date” dialog window is opened for user to select the date after user tapping the current date information on Date & Time setting main view.

4



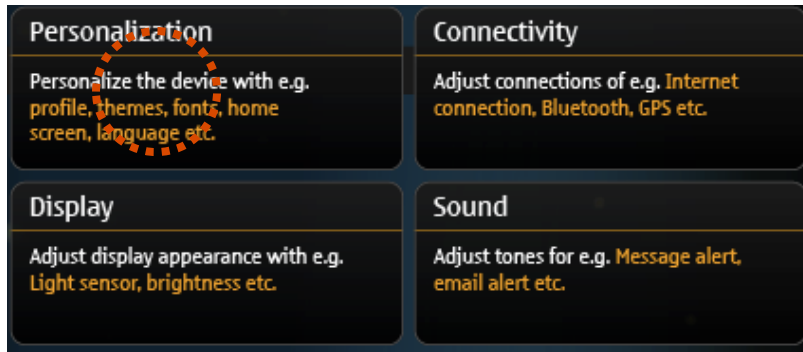
⇒ The virtual number keyboard is shown on the bottom of the screen for user to input the time after the user tapping the current time.

**Disclaimer:** All images are draft design only, not the final designs! The components of “Time picker” and “Date picker” are not available yet.

# Walkthrough

## Changing languages (1/2)

1



⇒ User taps the “Personalization” category to access to the Personalization category sub-view.

2



⇒ In Personalization category view, user taps “Language” item to open the “Language” setting main view.

## Walkthrough Changing languages (2/2)



- ⇒ In “Language” setting main view, user can tap the “Display language” and “Keyboard” items to open the “Select language” and “Select keyboard” dialog windows. User also could download display language and keyboard from the service if there is any service available. Tapping “Display language” or “Keyboard” item goes to Select display language or Select keyboard language dialog window. **Disclaimer: This is a draft design image only, not the final design!**

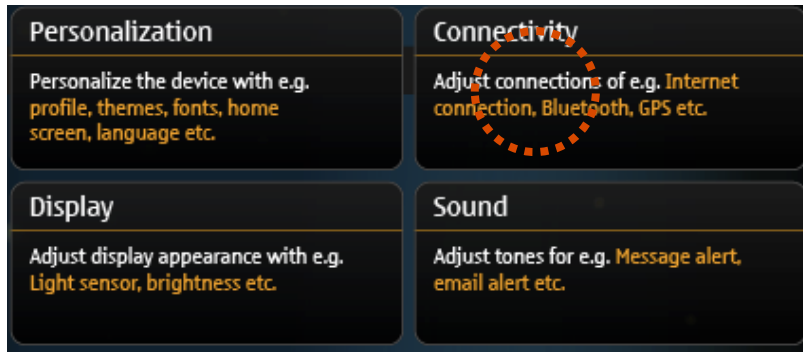


- ⇒ The list items on Select keyboard language or Select display language dialog window could be dynamic, since the user can download or remove downloaded languages or keyboards. **Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

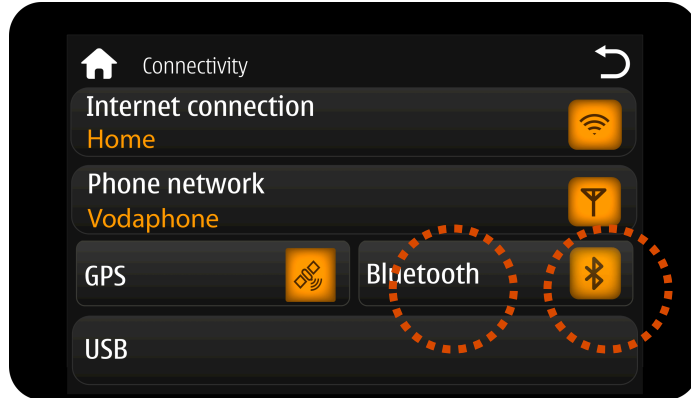
## Adjusting Bluetooth setting (1/2)

1



⇒ User taps the “Connectivity” category to access to the Connectivity category sub-view.

2

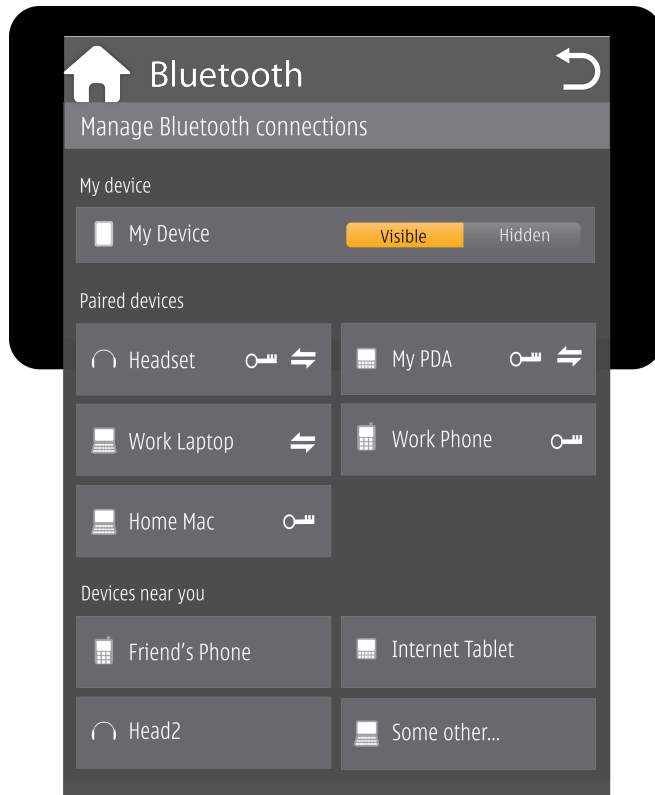


⇒ In Connectivity category view, user can switch the “Bluetooth” to be “On” or “Off” by tapping the checkbox. Also user can tap “Bluetooth” item to go to the “Bluetooth” setting main view.

# Walkthrough

## Adjusting Bluetooth setting (2/2)

3

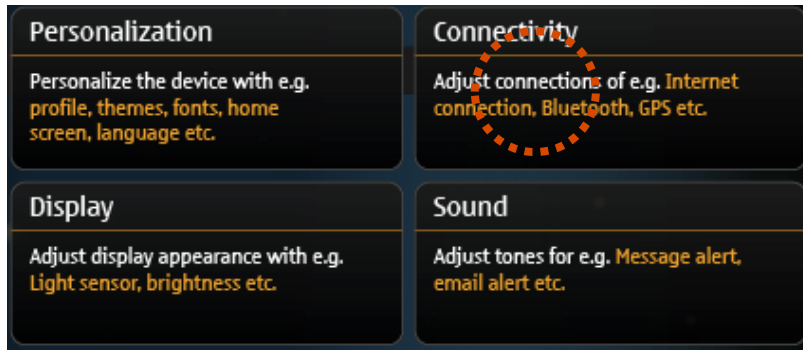


⇒ In “Bluetooth” setting view, user adjust Bluetooth settings. The “Bluetooth” setting view will be provided by Connectivity framework project. The detailed design of the view should be available in Connectivity design brief! **Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

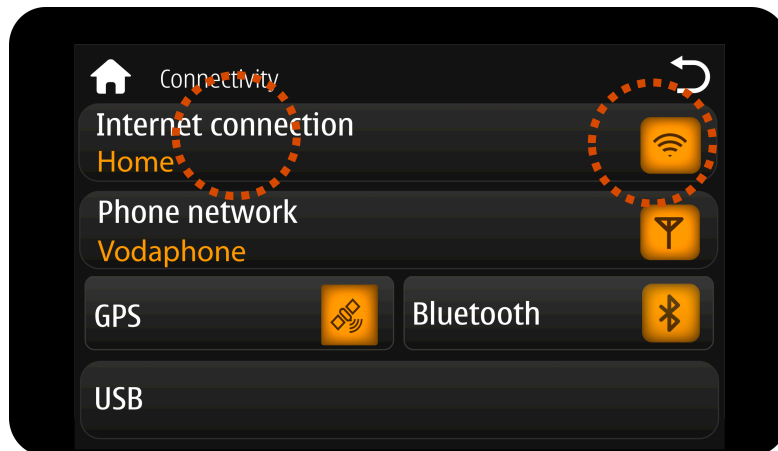
## Adjusting Internet connection setting (1/2)

1



⇒ User taps the “Connectivity” category to access to the Connectivity category sub-view.

2

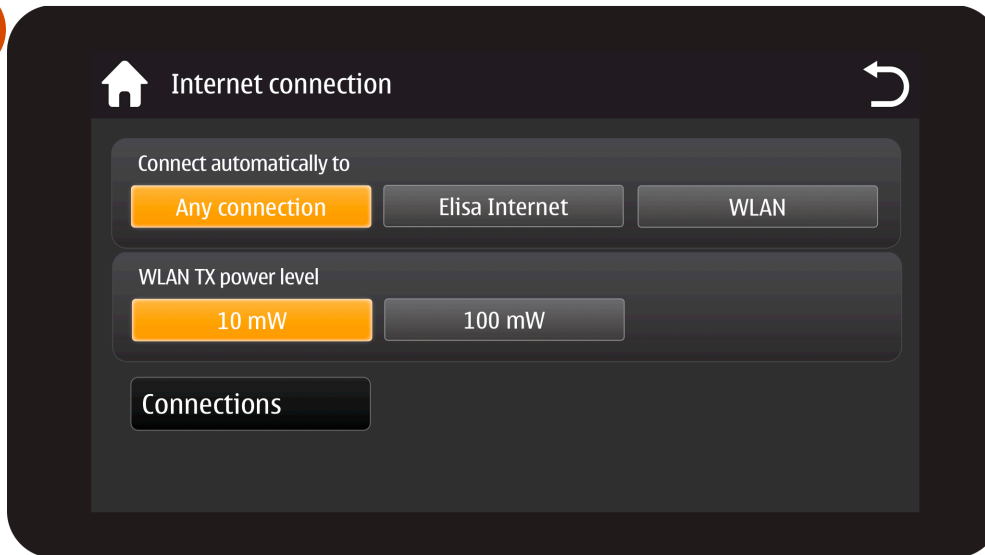


⇒ In Connectivity category view, user can switch the “Internet connection” to be “On” or “Off” by tapping the checkbox. Also user can tap “Internet connection” item to go to the “Internet connection” setting main view.

# Walkthrough

## Adjusting Internet connection setting (2/2)

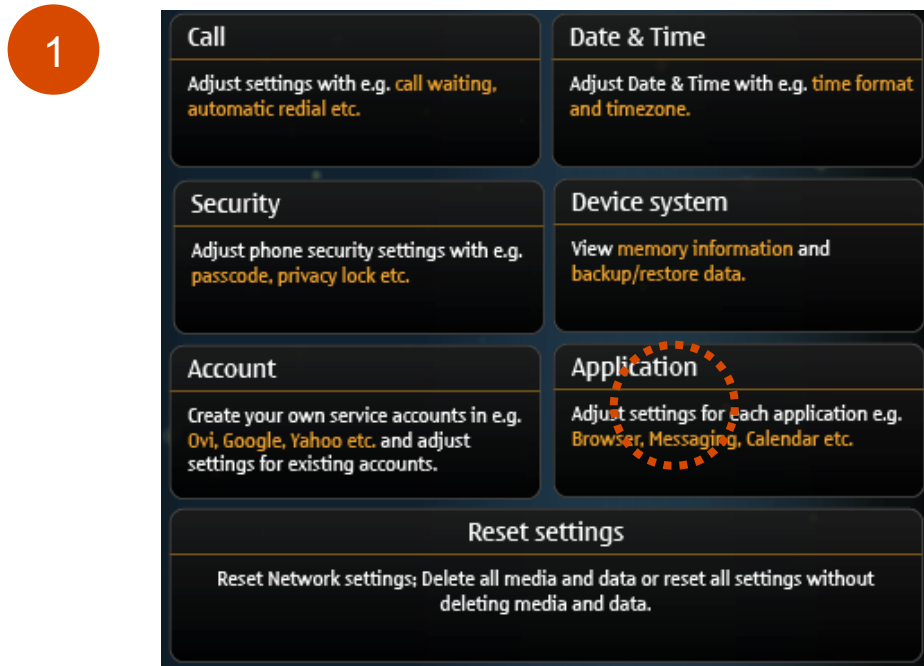
3



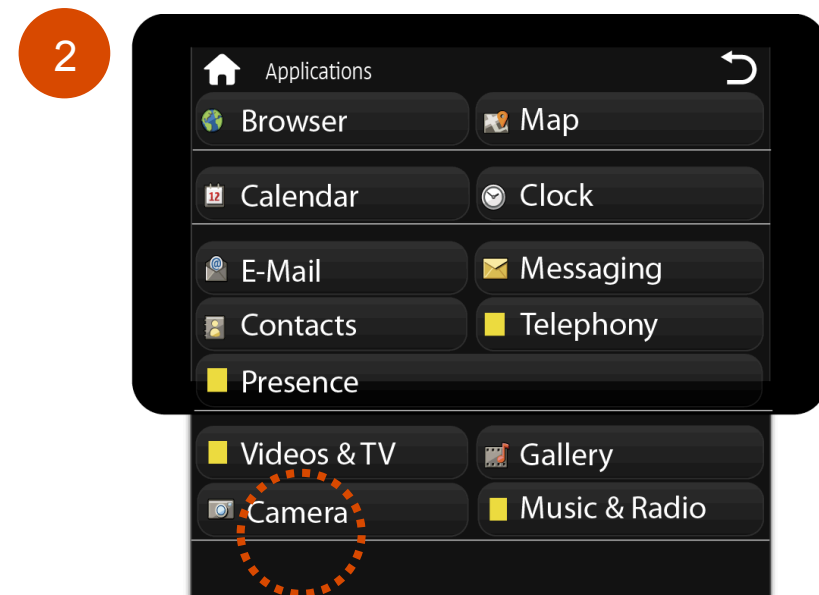
⇒ In “Internet connection” setting view, user adjust Internet connection settings. The “Internet connection” setting view will be provided by Connectivity framework project. The detailed design of the view should be available in Connectivity design brief! **Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

## Adjusting Application/Camera setting (1/2)



⇒ User taps the “Application” category to access the “Application” category sub-view.

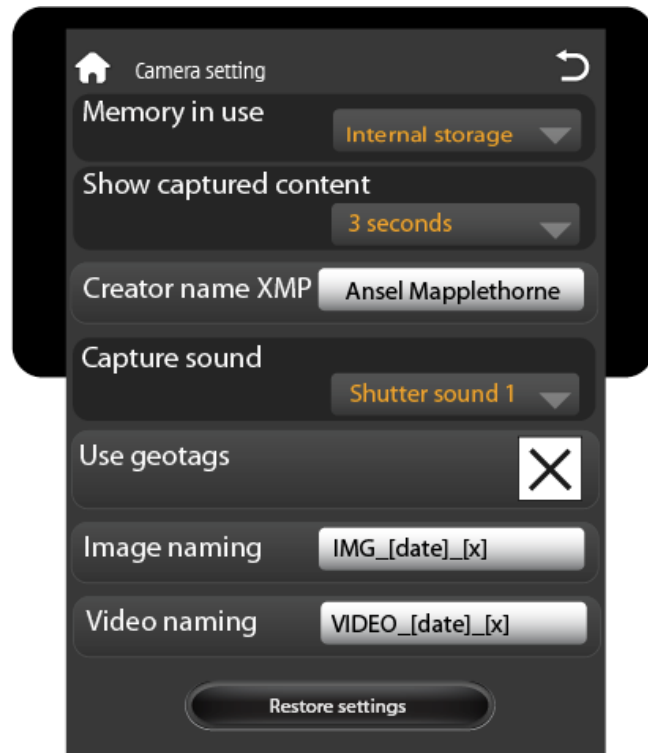


⇒ In Application category view, user taps “Camera” item to go to the “Camera” setting main view.



# Walkthrough

## Adjusting Application/Camera setting (2/2)



⇒ In “Camera” setting view, user adjust Camera settings. This setting view can be also accessed through the “Camera” application. The application setting views will be provided by the corresponding application project. The detailed designs of application setting views should be available in the corresponding design briefs!

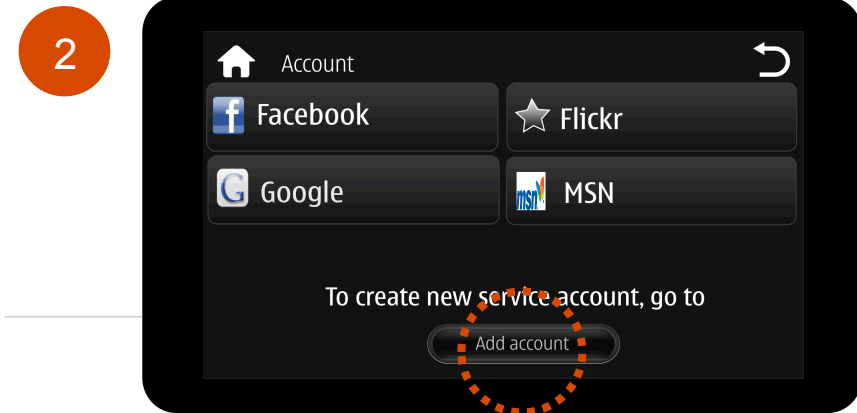
**Disclaimer: This is a draft design image only, not the final design!**

# Walkthrough

## Adding account (1/2)



⇒ User taps the “Account” category to access the “Account” category sub-view.

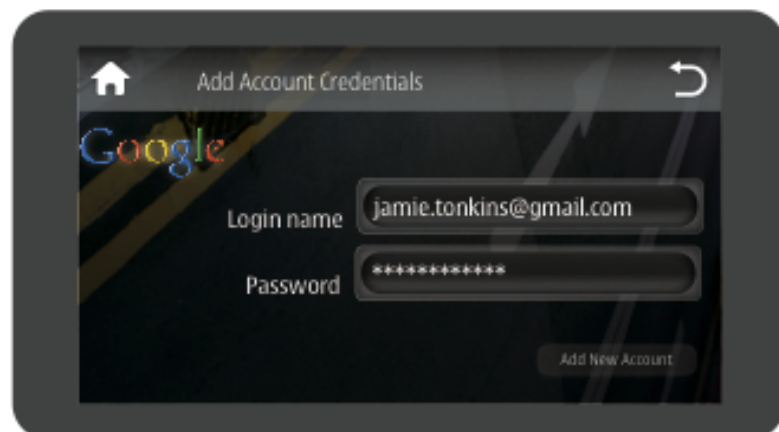


⇒ In Account category view, user taps “Add account” item to go to the “Add account” setting wizard.

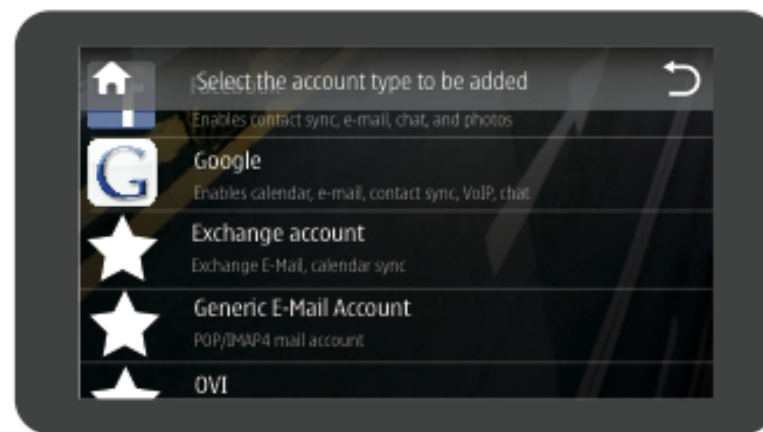
# Walkthrough

## Adding account (2/2)

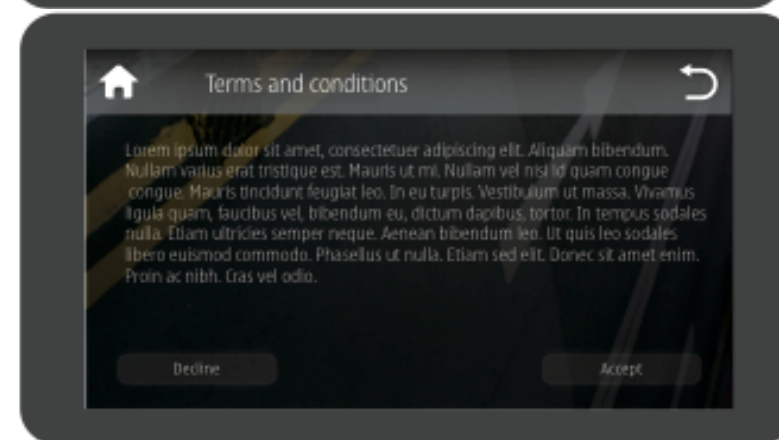
3



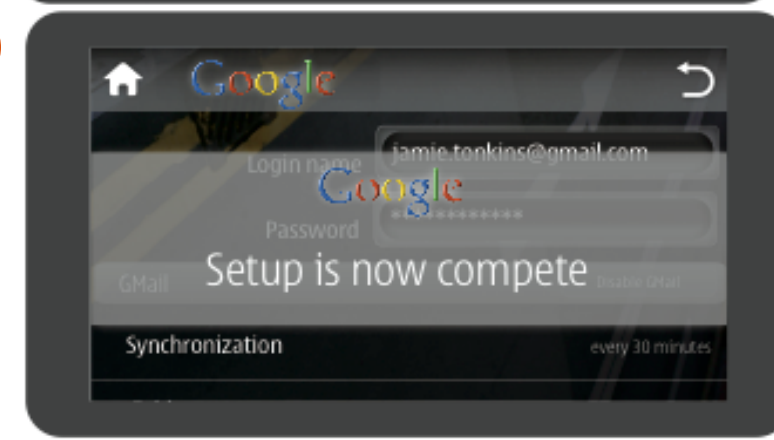
4



5



6



⇒ The “Add account” wizard will be provided by Account & Sso Framework project. The detailed design of the “Add account” wizard should be available in Accounts design brief! **Disclaimer: All images are draft design images only, not the final design!**