

Annex B

Technical specifications LINKAVIE® Mobile service V12.1

Document history

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Version #	Date	Autor	Reasons
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1 DOCUMENT PURPOSE

This document describes the functional and technical specifications for the development of the LINKAVIE® Mobile Service and as such is the reference document for the understanding, the pre-requisites and the features that have to be developed.

This document is attached to the Main contract as a reference.

Definitions:

- **DESIGNER:** The Designer is the resource responsible for the design, graphics, ergonomic, intuitiveness of the website and related web applications
- **DEVELOPPERS:** The developpers, including project managers and code developpers are responsible for the complete site/service development, relying on the graphic deliveries coming from the Designer.

This document allows both the DESIGNER and DEVELOPPERS to have a global overview of the project and the deliveries expected each of them in their perimeter.

2 SMARTPHONES VERSIONS

2.1 Language an platforms

The LINKAVIE app is a smartphone app. We will develop it under IO7 and Android 4.2+

The LINKAVIE App should be multi-language. The user will be able to select his language inside the app:

- English
- French

2.2 General understanding

The mobile (smartphone) app will offer 2 main capabilities:

- LINKAVIE Mobile Event management
- LINKAVIE Personal sync

LINKAVIE Mobile Event management allows someone to organize an event (event owner), get an event id that he/she will communicate to different people. Those people will connect to the event thanks to this event id (No need to be a LINKAVIE user and no need to be logged-in), and will be able to upload pictures taken with their smartphone to one of the available event folders.

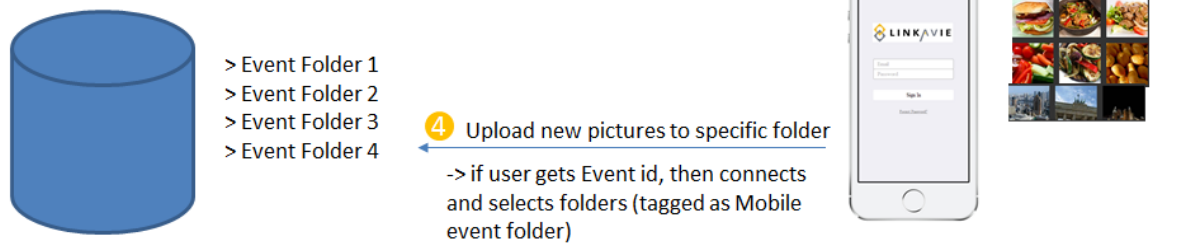
Event management will allow the event owner to define security settings to better control pictures taken during the event.

LINKAVIE Personal sync allow a user to take pictures with his smartphone and upload them to a default (Mobile default) folder or select an existing folder or create a new folder on the site. Those pictures will be saved locally to the smartphone default gallery.

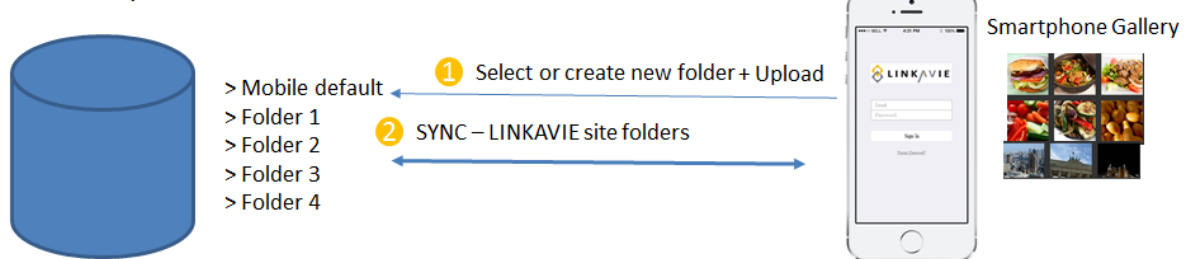
The user also has a "SYNC" feature to synchronize folders he likes from his LINKAVIE site vault. Such folders will be synchronized to a dedicated LINKAVIE gallery on the mobile side.

When a user will access the event management, it will unlog-in him from his personal sync environment (if the user was logged-in). The user will be notified, and he will have to log-in again to access the LINKAVIE Personal sync service.

LINKAVIE Event vault



LINKAVIE personal vault



We will manage 2 local folders in LINKAVIE app, 1 for personal, and 1 for events.

2.3 Mobile events

LINKAVIE Mobile Event management allows someone to organize an event (event owner), get an event id that he/she will communicate to different people.

2.3.1 Managing event codes and event id

In order to generate an event id, a user will request for an event code.

Event code = Event_owner_email + event_start_date + event_end_date combination

This event code will be generated in Back-office by LINKAVIE team, on a per request basis (request by telephone or by a purchase order). No event_id can be generated without an event_code.

Once the event owner gets the event code, he is able to generate an event_id.

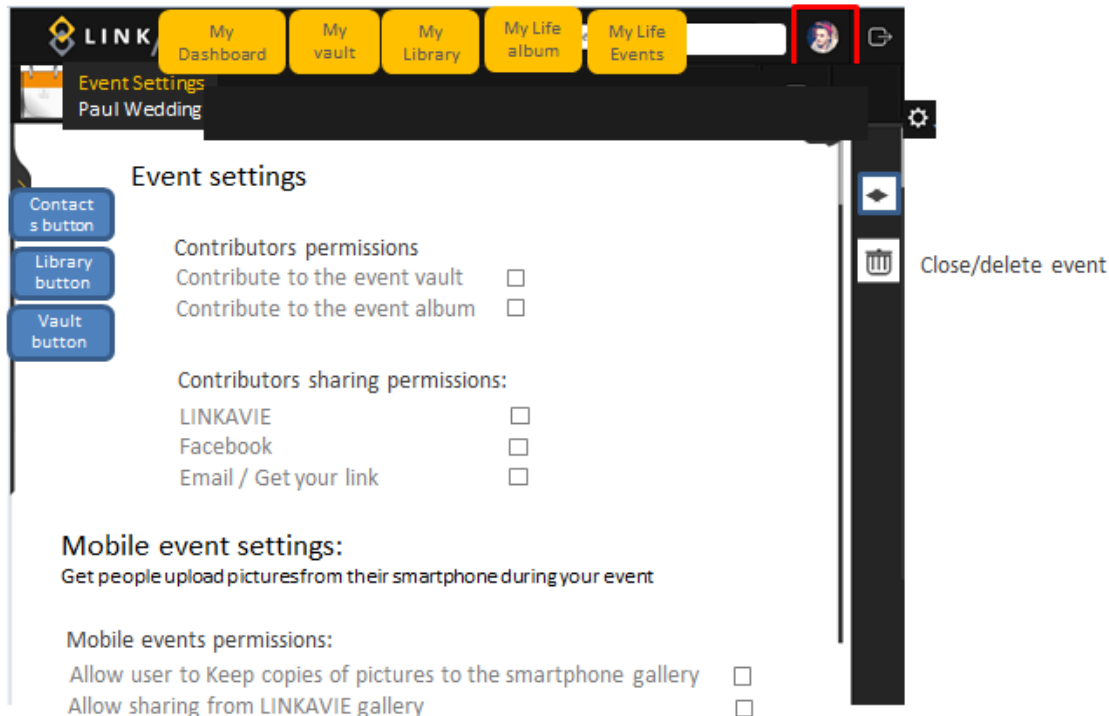
Event_id = Event_code + event_name combination

The event_id should be a unique code that can be used only for 1 event during the event period (start-end date) only. We could generate several event_id with different event_code, attached to the same event, but with different periods (for instance)

So an event id cannot be generated on LINKAVIE site without an Event_code.

The Provider may propose alternative solution to provide right away an Event_id (By LINKAVIE team back-office) that the event owner would import (as a license) into his event. So, several event_id licenses can be attached to one single event.

Event settings



The screenshot shows the 'Event Settings' page for an event named 'Paul Wedding'. The top navigation bar includes 'LINKAVIE', 'My Dashboard', 'My vault', 'My Library', 'My Life album', 'My Life Events', and a user profile icon. The left sidebar contains 'Contact s button', 'Library button', and 'Vault button'. The main content area is titled 'Event settings' and includes sections for 'Contributors permissions', 'Contributors sharing permissions', and 'Mobile event settings'. The 'Contributors permissions' section has checkboxes for 'Contribute to the event vault' and 'Contribute to the event album'. The 'Contributors sharing permissions' section has checkboxes for 'LINKAVIE', 'Facebook', and 'Email / Get your link'. The 'Mobile event settings' section has a description 'Get people upload pictures from their smartphone during your event' and checkboxes for 'Allow user to Keep copies of pictures to the smartphone gallery' and 'Allow sharing from LINKAVIE gallery'. A 'Close/delete event' button is visible on the right side of the settings panel.

Event Settings
Paul Wedding

Event settings

Contact s button
Library button
Vault button

Contributors permissions
Contribute to the event vault ☐
Contribute to the event album ☐

Contributors sharing permissions:
LINKAVIE ☐
Facebook ☐
Email / Get your link ☐

Mobile event settings:
Get people upload pictures from their smartphone during your event

Mobile events permissions:
Allow user to Keep copies of pictures to the smartphone gallery ☐
Allow sharing from LINKAVIE gallery ☐

Close/delete event

Enter your mobile event code



Get event id

Your event id is:
1324665050939393

2.3.2 Mobile event Back-office management

Mobile events will be integrated and managed into the LINKAVIE back-office event management (Described in the LINKAVIE site development specs 6.12):

Customer events Back-office page

id	email	First name	Last name	creation date	role	Storage consumed (GB)	Storage entitled	expiration date	Active events	Community owner
0125	x@yu.com	Thomas	LUQUET	23/03/2014	user	0,250	2	22/03/2015	2	3

Company Name :

Billing address:

Shipping address (if different than billing address):

VAT number:

Edit customer infos

Event id	Event name	Owner email	Owner First name	Owner Last name	Event creation date	Evt Storage consumed (GB)	Evt Storage entitled	Event expiration date	Mobile events
0125	Team Building 2013	x@yu.com	Thomas	LUQUET	27/03/2014	0,250	4	26/06/2014	2
Mobile event id	Order number	Event code	Event id	Invoice number	Start-date	End-date	Comments	Payment status	Invoices
012501	PO_012501	xxxxxx	xxxxxx	INV_012501	05/04/2014	05/04/2014	blablabla	Paid	
012502	PO_012502	yyyyyyy	yyyyyy	INV_012502	23/06/2014	25/06/2014	blablabla	Waiting for payment	
0126	Wedding Paul	x@yu.com	Thomas	LUQUET	29/05/2014	5,230	10	28/10/2014	2

When clicks on Mobile events number, slides down and show Mobile events details

Create Mobile event order

Edit event fields

Delete event

Edit Mobile event fields

Delete mobile event

Upload pdf invoice

When the user clicks on “Mobile events” cell of an event, then the related Mobile events (if any) will slide down with details.

- A mobile event can be deleted
- A Mobile event fields can be edited: Comments, payment status
- LINKAVIE operator can upload and attach the customer invoice (That will be edited out of LINKAVIE system)

The LINKAVIE operator can create a new Mobile event linked to an existing event

Create Mobile event order +

Mobile event id: Automatically created

Order number:

Mobile Event Start-Date:

Mobile Event End-Date:

Generate event code

The event id, Order number and invoice number will be generated automatically. We will define with the Provider the right logic and rules here.

Pushing the “Generate event code” will generate such code (using the start/end date, event name, event owner email) and will be shown in the Mobile event “event code” column. When the customer will generate its event id, it will appear also here, so that it is easy to retrieve it if necessary.

2.3.3 Mobile Event settings

The event owner will be able to define Mobile event settings:

- Allow user to Keep copies of pictures to the smartphone gallery: Yes / No (default)

- Allow sharing from LINKAVIE gallery

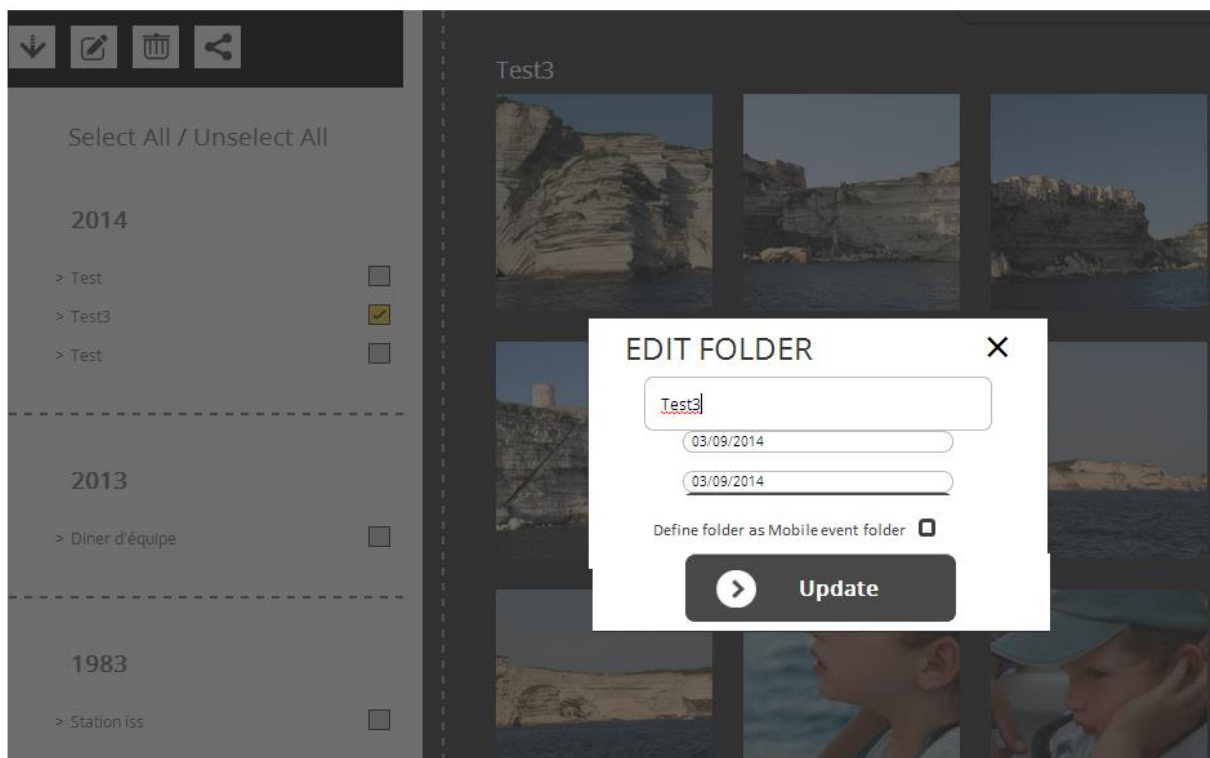
When the event expires, all pictures stored in the event gallery will be deleted from the local device gallery (LINKAVY gallery). This is the default behaviour. But the event owner can allow users to keep copies of pictures to their standard smartphone gallery. In this case all pictures taken with the LINKAVIE camera get stored inside the LINKAVIE gallery (with user picture description if any) but also copied to the smartphone default gallery (without user picture description as not possible). So, when the event expires, all pictures from the LINKAVIE gallery get deleted, but the user keeps a copy of his pictures in his martphone gallery. But if the user don't allow this, then pictures get deleted after the event, and the user is not able to keep the pictures.

“Allow sharing from LINKAVIE gallery” is a Facebook (only) sharing button that will appear inside the LINKAVIE gallery, if this option is activated/checked by the event owner. If not, the button is hidden. If allowed, the user can select pictures from there and share to Facebook.

2.3.4 Defining Mobile event folders

When a mobile user will use LINKAVIE Mobile events services, he will one folder among a list where to upload taken pictures. This list is retrieved from the site, after the user connects to the event. Those folders are tagged by the event owner from the event vault, as follow:

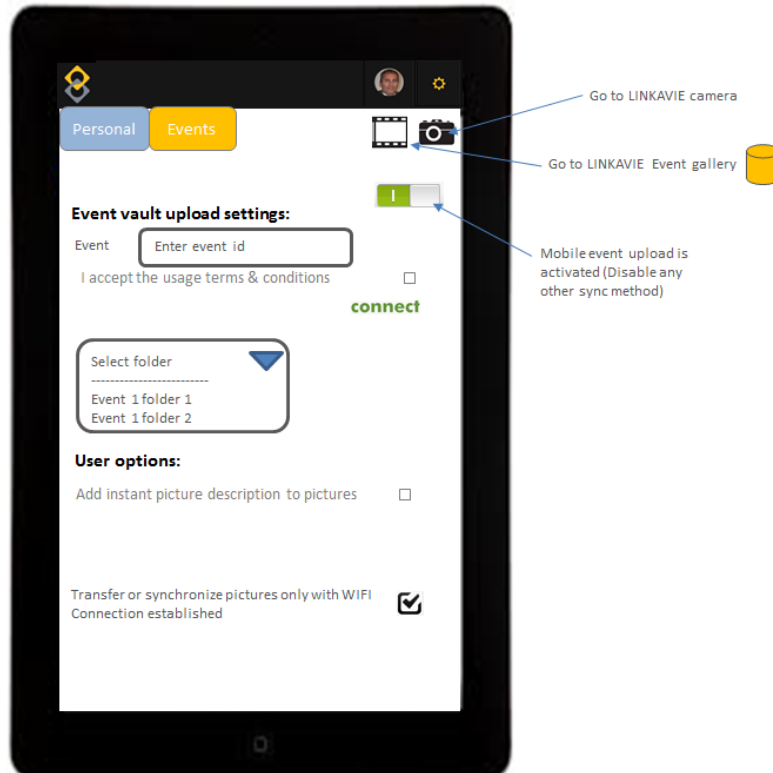
Events folder tags by event owner (only)



2.3.5 Smartphone side

People who get an event_id will connect to the event thanks to this event id (No need to be a LINKAVIE user and no need to be logged-in), and will be able to upload pictures taken with their smartphone to one of the available event folders.

Smartphone: Event settings on mobile



Before connecting to the event, the user will have to agree with “Terms and conditions” (EULA).

Once connected, the app will retrieve the tagged as “Mobile event” folders list. The user selects the folder where he wants the pictures to be uploaded.

The user also have the option to add instant picture description, each time he takes a picture. Then, the picture gets uploaded automatically to the LINKAVIE site correct event folder, with its picture description. Picture description is already implemented at LINKAVIE site.

Each new picture will be stored into LINKAVIE dedicated gallery (and a copy to the smartphone gallery if allowed by the event owner) with its picture description.

All uploads will be performed with WIFI connection, as default setting.

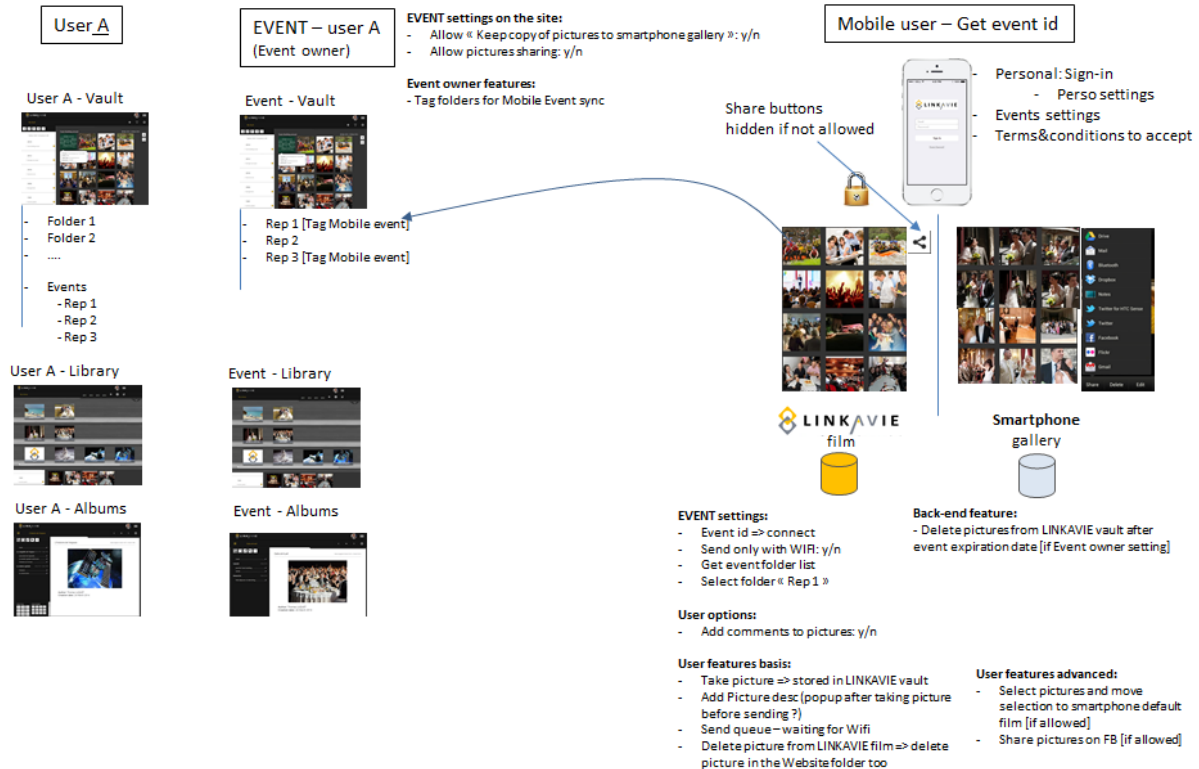
From the LINKAVIE gallery, the user will have the following features:

- Edit picture description (if changed, change updated to the LINKAVIE event site picture description)
- Share to Facebook (if allowed)
- View pictures (like for any gallery: vertical/horizontal)
- Select and delete selected pictures – This will also delete pictures on the event folder at LINKAVIE site.

Mobile user – Get event id



2.3.6 Mobile event – Mechanism summary

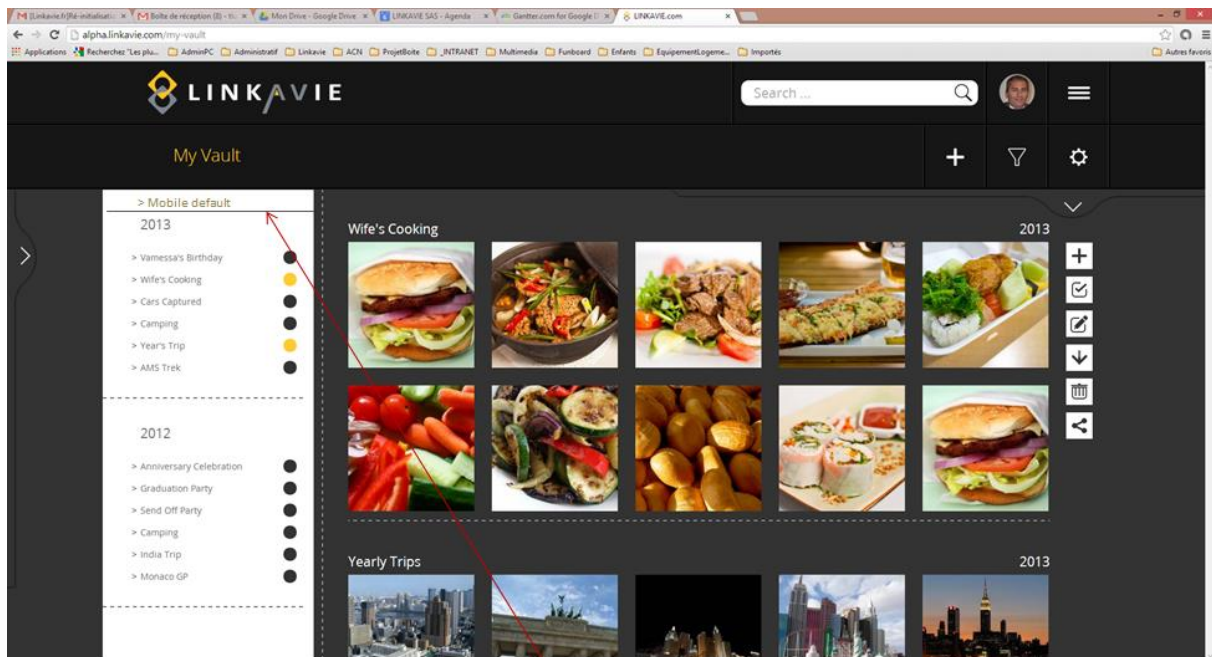


2.4 Personal sync

LINKAVIE Personal Sync allows a LINKAVIE user to automatically upload his pictures to his LINKAVIE site vault, while saving them into the default smartphone gallery and also synchronize some folders of his Site personal vault to his local mobile phone LINKAVIE gallery.

2.4.1 LINKAVIE “Mobile default” folder

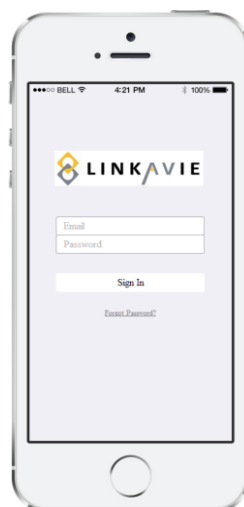
A folder called “Mobile default” will be here to receive pictures uploaded from user Mobile device. This is the default folder to upload pictures from user smartphone.



A dedicated directory where new pictures from the mobile are uploaded (default)

2.4.2 LINKAVIE-Sign-in

User will first have to sign-in to his LINKAVIE account.

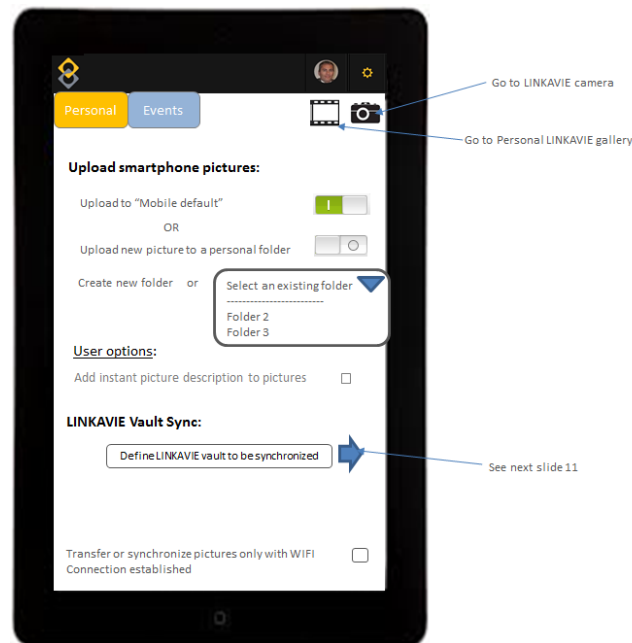


2.4.3 Personal sync settings

The user access his LINKAVIE Mobile personal settings. The user will define:

Where to upload new taken pictures:

- To upload new taken pictures to the default “Mobile default” folder on LINKAVIE site.
- Or select a folder from the vault folder list
- Or create a folder (This folder will be created at LINKAVIE site as well) – Note that a folder is defined by a folder name and a folder date or period (Start-Date – End date)



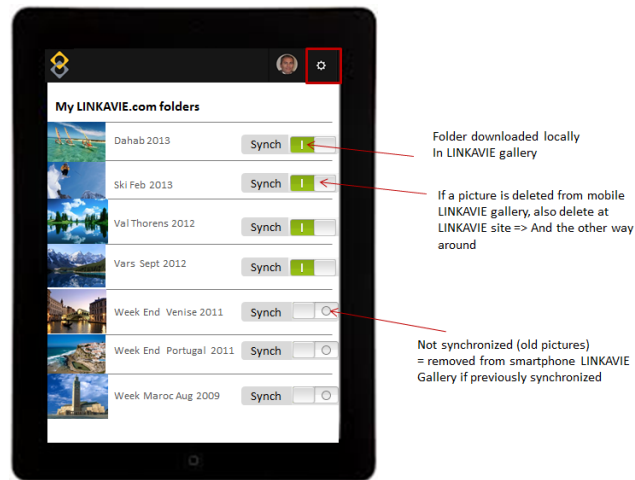
- Defines if he wants to add picture description when taking a picture (right after).

Pictures will be uploaded to the LINKAVIE site in the selected folder (with the picture description if any) and saved to the local smartphone default gallery (without picture description there).

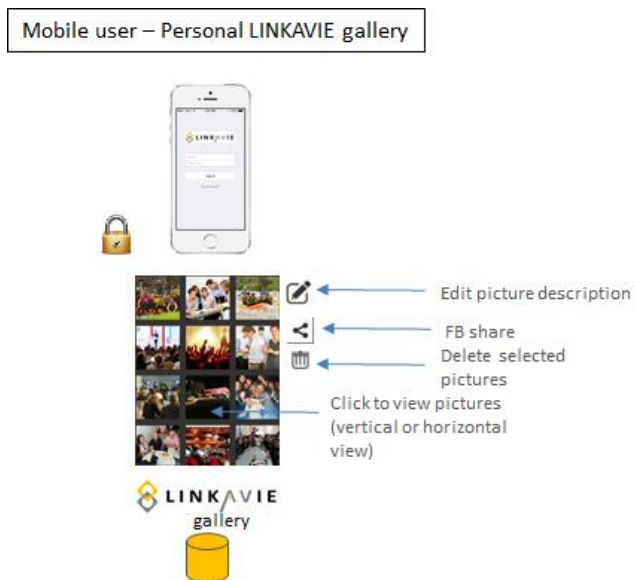
So the value here is that the user can save and upload his pictures in his LINKAVIE site environment, while gathering all pictures in the default smartphone gallery with related features (icloud for iphone for instance, sharing features etc..)

LINKAVIE vault Sync:

In this page, the user will have a list of his LINKAVIE site folder and will check which folders he would like to synchronize (both directions) locally in his LINKAVIE dedicated gallery, so that they can be viewed, accessed even offline (after sync). The picture descriptions will be synchronized as well.

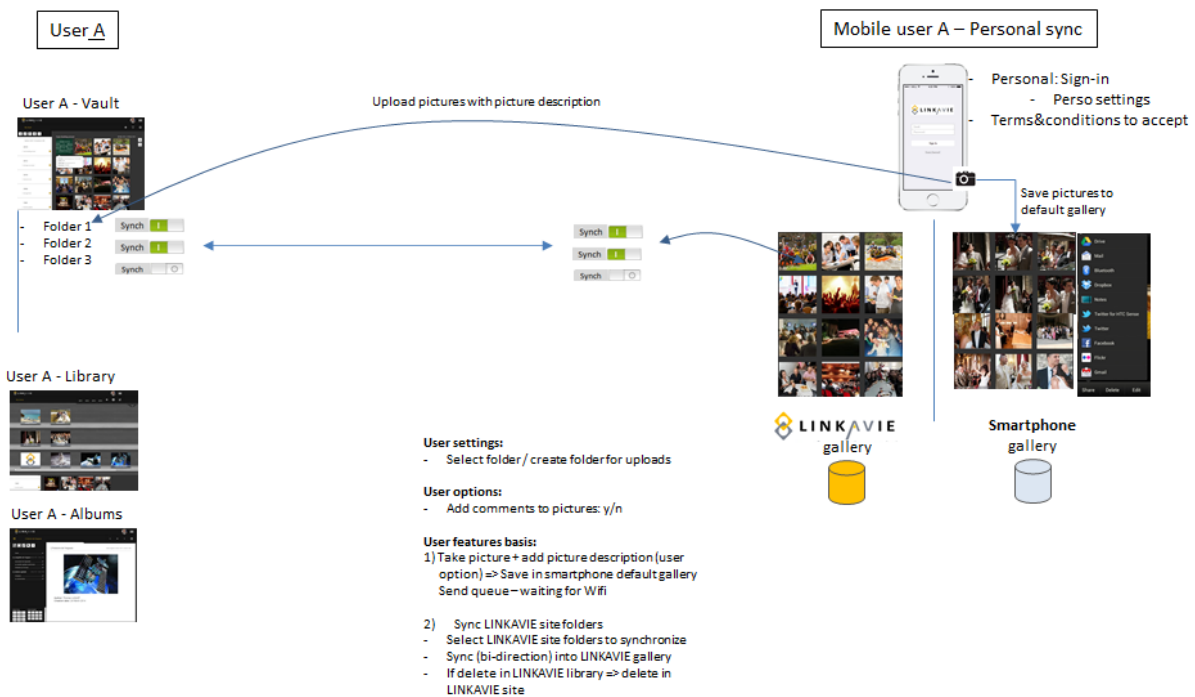


When accessing the LINKAVIE personal gallery, the user will have the following features:



- Edit picture description: This change will be uploaded at the LINKAVIE site as well.
- Facebook share: Allows the user to share some selected pictures from his LINKAVIE gallery
- Delete selected pictures: This will delete also picture on LINKAVIE site. We will alert the user that such action may also remove the pictures from LINKAVIE albums where they are used.

2.4.4 Personal sync – Mechanism summary



2.5 Design and Navigation

The screenshots above are simply there to show the features required. The DESIGNER will make proposals of screens to provide a modern navigation, while maintaining the LINKAVIE visual consistency with the Web site.