

Colibri

Developed by



With the support of



European
Commission

Colibri platform

Colibri is a cloud-based solution comprised of a **mobile app for patients** and a **web app for their doctors**.

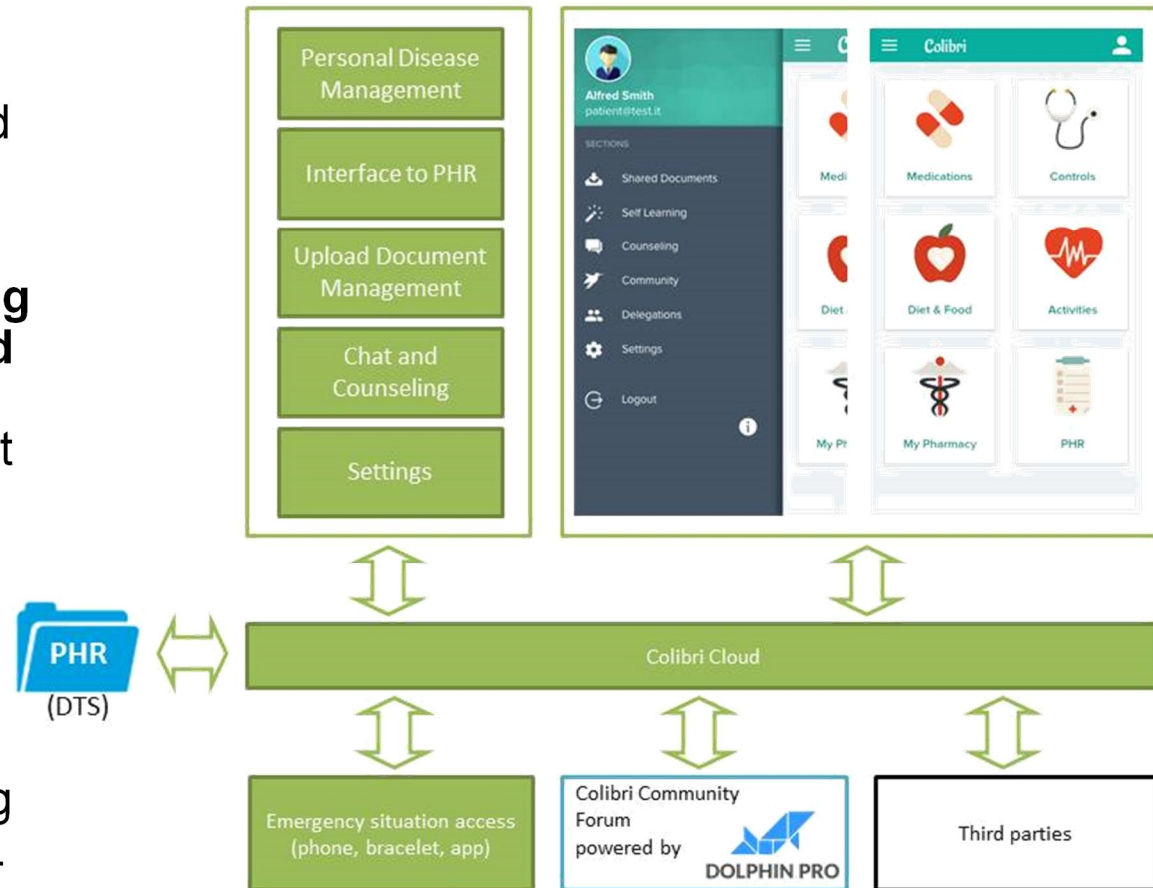
It is focused on creating and **strengthening the relationship between the patient and his doctor**, by allowing to easily share documents, get help and have therapy, diet and physical activity assessed and monitored.

Colibri can be interfaced with **Personal Health Record systems** available at regional and national level.

An integration API will be provided allowing the integration of third parties' applications.

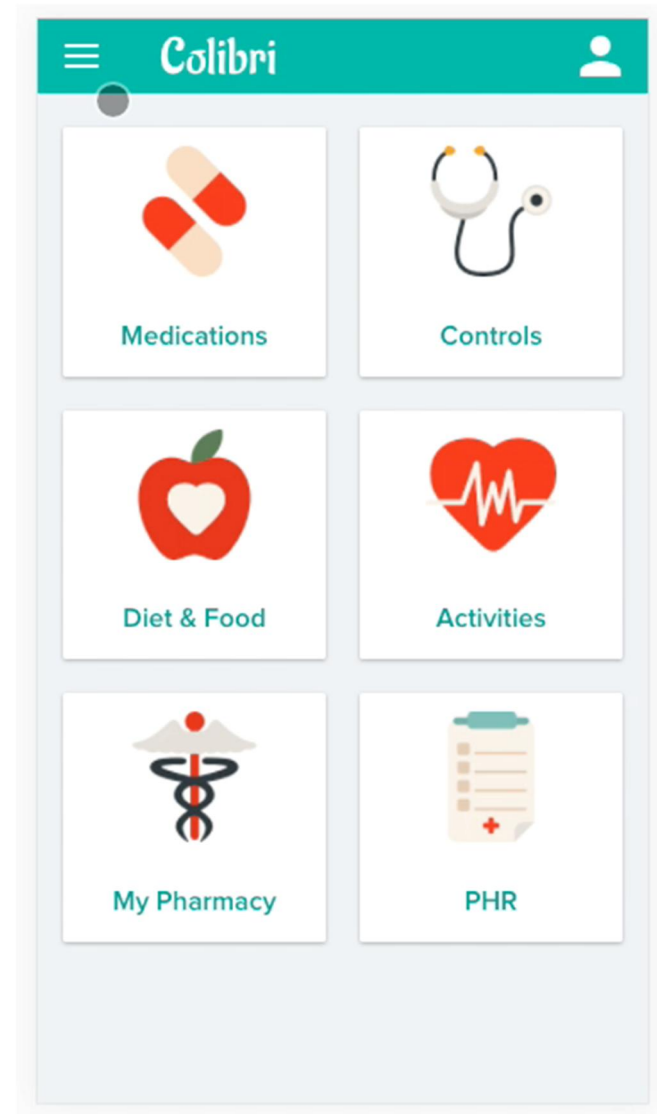
Doctor's web application

Patient's mobile application



Patient Mobile App

- Gives access to the patient's own data in the PHR.
- Supports the patient's adherence to the therapy, by tracking:
 - Medications
 - Controls (measurements, visits)
 - Diet & food
 - Physical activities
- Alerts, reminders, limits and goals (whose reaching results in “badges” visible to the community) help the patient in following her physician's advice.

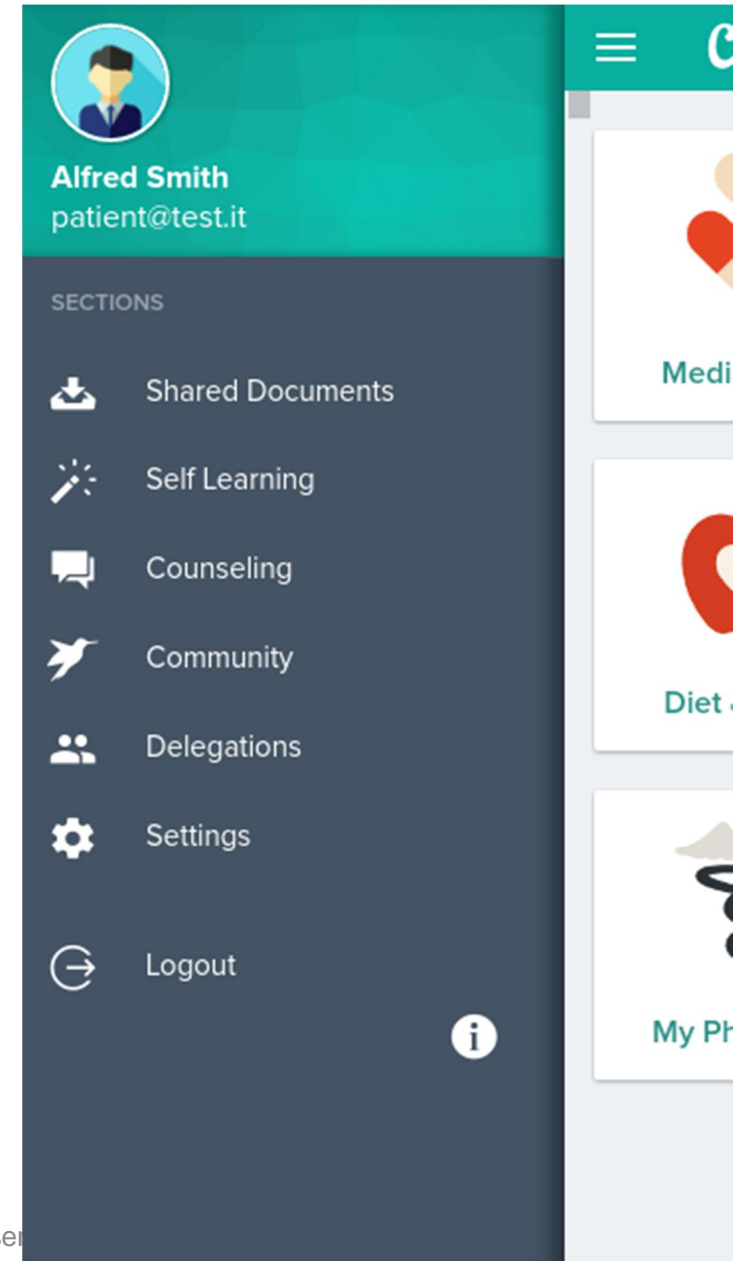


(video)

Patient Mobile App

It also provides other general functions, such as:

- Sharing of documents and pictures with the treating physician, as well as a secure chat to ask for advice and report problems.
- Management of delegations, an authorization scheme by which the patients can give access to a certain subset of her own data to registered users for a specific amount of time.
- Configuration of personal preferences, such as the data to be shared without login in the emergency screen.



The web app has been designed to allow managing the patient's disease by **setting up her therapy** and **monitoring/assessing her condition**.

The screenshot displays the Colibri web application interface. At the top, the Colibri logo is on the left, and the user profile for James Anderson, Colibri Doctor, is on the right. A vertical sidebar on the left contains navigation icons for PATIENTS, PHR, PDM, UDM, and CHAT. The main content area is divided into four sections: PERSONAL HEALTH RECORD, Procedures, Encounters, and Plan. Each section contains a table of data with a trash icon for deletion. A vertical toolbar on the right side of the main content area contains various action icons.

PERSONAL HEALTH RECORD

Code	Value	Date	Action
K (3.5 3.5-5.0 5.0)	4 meq/l	04/04/2013	Trash
CL (98 98-106 106)	102 meq/l	04/04/2013	Trash
HCO3 (18 18-23 23)	35 meq/l	04/04/2013	Trash

Procedures

Procedure	Date	Action
Percutaneous transluminal coronary angioplasty	11/11/2007	Trash

Encounters

Encounter	Location	Date	Action
Checkup Examination	Good Health Clinic	04/04/2013	Trash
Test1	Here	04/02/2017	Trash

Plan

Planned Activity	Planned date	Action
Pulmonary function test	21/04/2015	Trash

DECIPHER PCP

Colibri is the result of our successful participation to Decipher, a Pre-Commercial Procurement aimed at developing “a mobile solution providing secure cross-border access to regional patient healthcare portals”, and to “support chronic patients in the management of their long term conditions or unplanned care episodes”.

The Decipher consortium counts includes four public authorities from public health care sector: Agencia de Qualitat i Avaluació Sanitàries de Catalunya (AQuAS, Spain), ESTAV Centro (Italy), TicSalut (Spain) and CMFT-TRUSTECH (UK).

Our proposal consistently ranked in the first places during all phases so-far completed:

- Phase 0: 2nd place/12
- Phase 1: 1st place/9
- Phase 2: 1st place/6





Who we are

- Nextage and Camelot are two innovative Italian SMEs.
- Nextage was founded in January 2008 by a group of researchers from Bioengineering Department, University of Genoa.
- Camelot was founded in January 2009 by a group of researchers from Computer Science Department, University of Genoa.

What we do

- Research Projects at National and International (mainly in health topics) level.
- Healthcare Technology.
- Big Data & Machine Learning.
- Integrated web+mobile solutions.
- Advanced image analysis.