

# codebay

*We deliver agile software  
development teams as a service.*

**PORTFOLIO**

# BanBajío

**Banco del Bajío.** It's a multiple banking financial institution, with special service and attention in business and commercial branches.

Founded in 1994, has managed its efforts in two niches: micro, small and medium enterprises, and the food industry. Today, it is a multiregional bank with a presence in 90% of the states of the Mexican Republic and strong in the Monterrey, Guadalajara and D.F.



## ISSUE:

Their previous system presented a big amount of anomalies in the algorithm and database which generated duplicated information, in addition to errors while executing any process.



## SOLUTION:

A staff training system was developed and implemented in the bank's local network for six thousand employees



Universidad Panamericana was founded in 1967 as a business school named as the Panamerican Institute for Executive Business Management (Instituto Panamericano de Alta Dirección de Empresas).

UP has four campuses that serve about twelve thousand students in thirty-three undergraduate academic programs. The main Mixcoac campus in the Benito Juárez borough of northern Mexico City, founded in 1968; the Guadalajara campus established in 1981; the Aguascalientes campus established in 1989; and Campus Santa Fe, also in Mexico City, founded in 2011. It also has the School of Management of Institutions (Escuela de Administración de Instituciones).



**ISSUE:**

The university had very important information scattered; we required to centralize and organize it

**Publicaciones**

<p><b>PROTOTYPE FOR AN OFF-GRID PHOTOVOLTAIC SYSTEM WITH LOW COST SOLAR TRACKERS</b></p> <p>Dr. José Valentín Gutiérrez Caballero</p> <p><b>ABSTRACT:</b> This article presents a novel type of photovoltaic system in an off-grid area. The solar panels are mounted on a low-cost solar tracker system.</p>	<p><b>PHARMACOGENETICS OF RESPONSE TO TAMOXIFEN: A VARIANT POLYMERASE TREATMENT FOR LOCAL AND ADVANCED BREAST CANCER</b></p> <p>Dr. Patricia López Estrada Méndez</p> <p><b>ABSTRACT:</b> Locally advanced breast cancer (LABC) has been a rising type of breast cancer, mainly influenced by the heterogeneity of the population.</p>	<p><b>TOPOGRAFÍA DE LAS RELACIONES INTERPERSONALES EN LA FORTALECIMIENTO, AMISTAD Y EDUCACIÓN</b></p> <p>Dr. Estrella Martínez Pérez</p> <p><b>ABSTRACT:</b> This article considers the relationship between the individual and the social environment as a model for education and as a way to strengthen the relationship between the individual and the social environment.</p>	<p><b>ANÁLISIS COMPARATIVO DE LA CIDADANÍA DIGITAL ENTRE MÉXICO Y ESTADOS UNIDOS</b></p> <p>Dr. Guadalupe Cárdenas Álvarez</p> <p><b>ABSTRACT:</b> The structure of the state depends on the relationship between the individual and the social environment. This research will be based on research in the field.</p>
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**SOLUTION:**

We design and developed a resource management platform for the institute's researchers, which was linked-up with events, newsletters, articles, and a researchers info directory,

**Eventos**

<p><b>12 Jul</b></p> <p><b>NOMBRE DEL CURSO DE CAPACITACIÓN</b></p> <p>Nombre del curso de capacitación</p>	<p><b>09 Ago</b></p> <p><b>NOMBRE DEL CURSO DE CAPACITACIÓN</b></p> <p>Nombre del curso de capacitación</p>	<p><b>29 Ago</b></p> <p><b>NOMBRE DEL CURSO DE CAPACITACIÓN</b></p> <p>Nombre del curso de capacitación</p>	<p><b>14 Sep</b></p> <p><b>NOMBRE DEL CURSO DE CAPACITACIÓN</b></p> <p>Nombre del curso de capacitación</p>
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# OMNILIFE

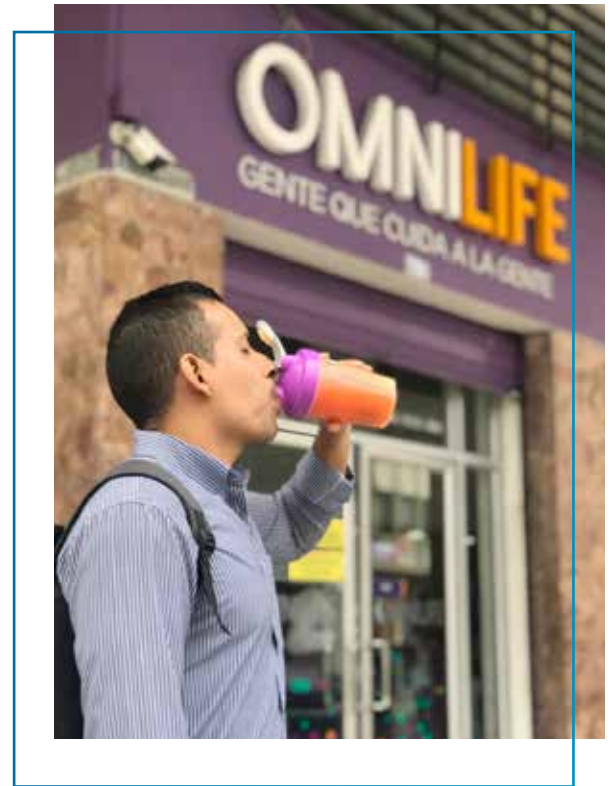
GENTE QUE CUIDA A LA GENTE

**Omnilife** is a Mexico-based company and the largest in the world that develops high-quality dietary supplements, helping thousands of people to maintain or improve their health.

## SOLUTION:

We designed and implemented a product management app for the product display centers located in Mexico, Cancun, and Guadalajara.

The previously mentioned app, developed with Android, is capable of showing information between different monitors consecutively with a command from a tablet. The user selects the wanted product from the device and the monitors display different graphic elements: the first monitor shows a picture of the chosen product, the second one a small description and the third one an animation of the exact part of the body which will be benefited.





Ekar de Gas is a company from Guadalajara, considered as the most important home appliances distributor in Jalisco, which also sells housework related products; being his principal goal the welfare and efficiency of families.



### ISSUE:

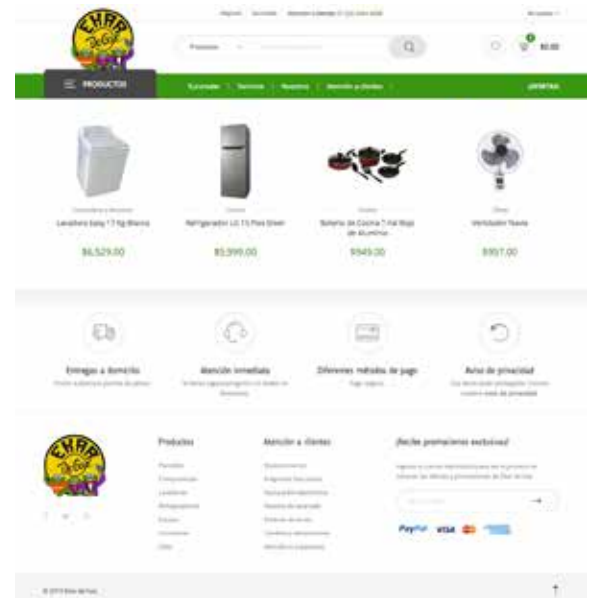
Their previous website presented multiple shortcomings: it wasn't compatible with mobile devices and different screen resolutions, poor aesthetics, deficient and outdated information.

Their content didn't reflect the quality and current extent of the company either.

### SOLUTION:

We developed an eCommerce, capable of serving as an independent retail outlet to any of the branches. The user can either buy a product online and receive it in a specific location, order a product and pick it up in a store, or just use our platform as a catalog and window-shop the products in stock.

In addition to the online shop, the new platform is a media outlet for publishing sales, communicating with clients, sharing news, and indicating policies.



# +ekomite

eKomite is an online system that allows the Research Ethics Committees to review their projects more efficiently and dynamically.

It optimizes the use of resources and improves the efficiency of operational processes of the committees.

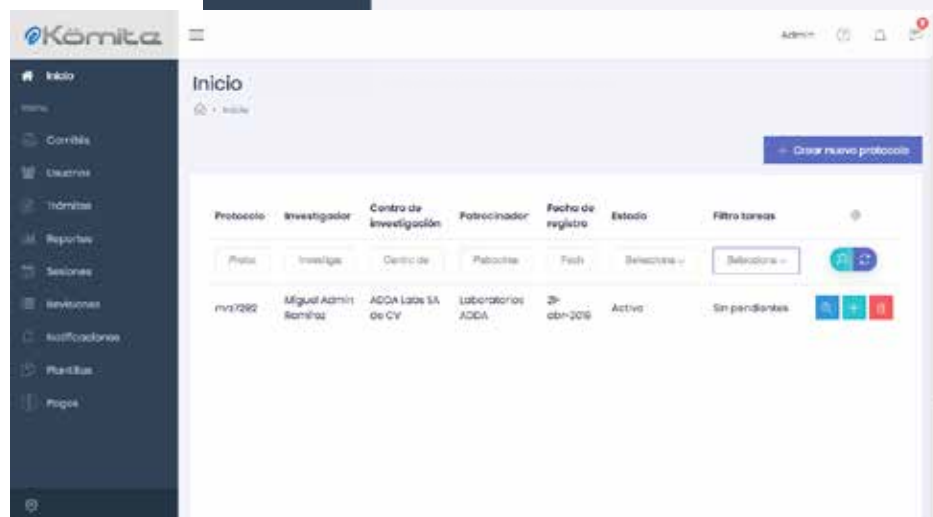
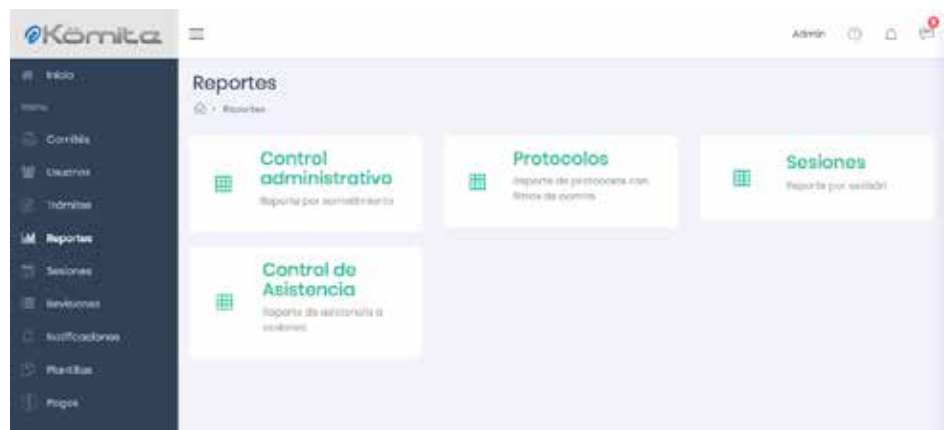
## TIME IS ON YOUR SIDE NOW

Reduce up to 80% of your time between the occurrence of a protocol and the delivery of its evaluation, quickening the start of clinical essays.



The research committees had experimented the following advantages by using eKomite:

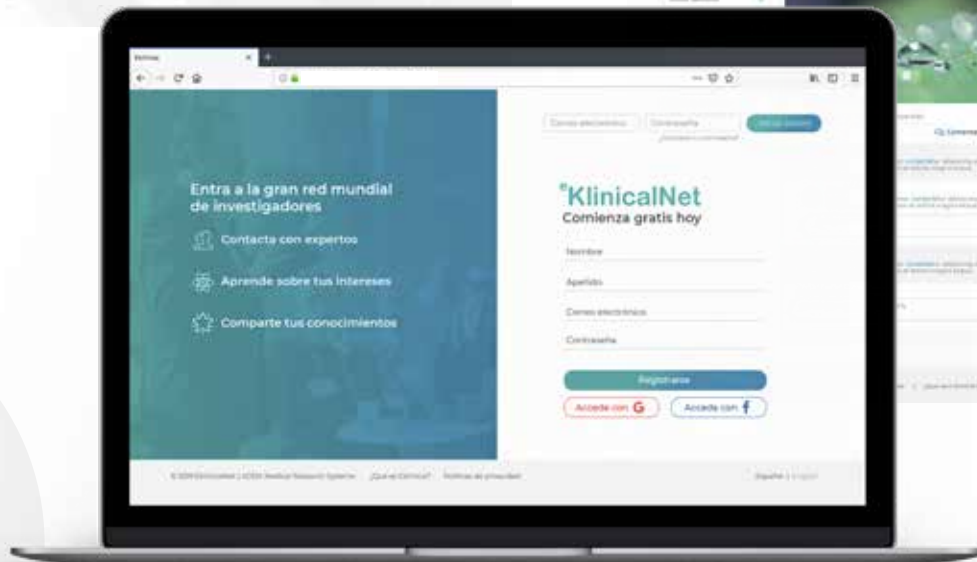
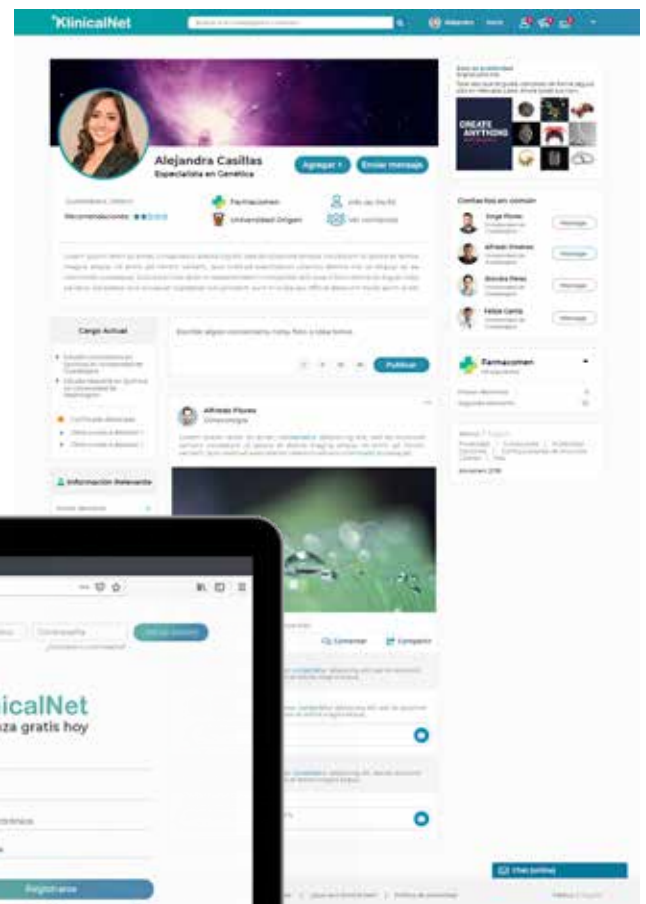
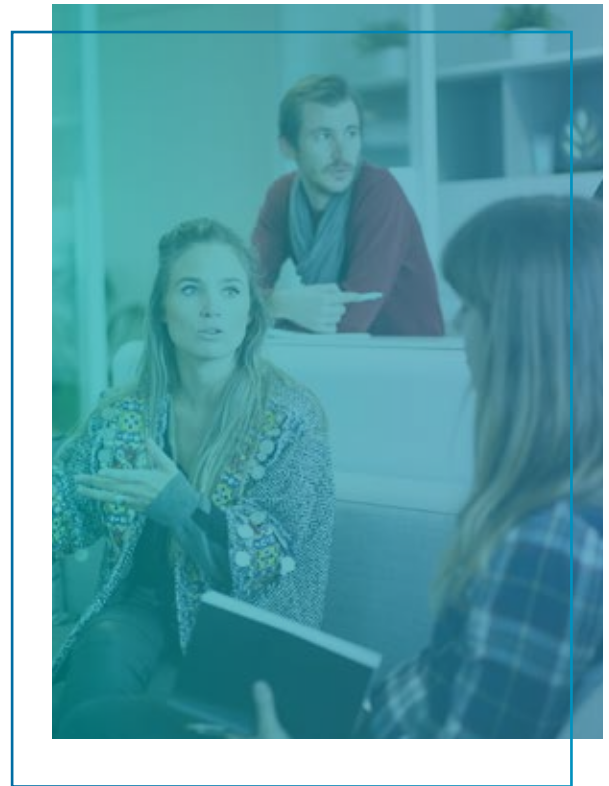
- 24-hour availability.
- Automatic foliating and sealing.
- More efficient reviews.
- Reports and registers.
- Fast delivery of evaluations.



# eKlinicalNet

## THE SOCIAL NETWORK OF RESEARCHERS TO EXPOSE AND SHARE

eKlinical Net is the ideal worldwide social network for any researcher, whether clinical or any other type. Its main objective is to be a way for researchers to communicate and thus share their work, expose what they have accomplished or even get involved in an ongoing investigation.



# MANIFEST OF AGILE DEVELOPMENT

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We are uncovering better ways of developing software by doing it and helping others do it.

Through this work we have come to value:

**Individuals and interactions** over processes and tools.

**Working software** over comprehensive documentation.

**Customer collaboration** over contract negotiation.

**Responding to change** over following a plan.

That is, while there is value in the items on the right, we value the items on the left more.

KENT BECK, MIKE BEEDLE, ARIE VAN BENNEKUM, ALISTAIR COCKBURN, WARD CUNNINGHAM, MARTIN FOWLER, JAMES GRENNING, JIM HIGHSMITH, ANDREW HUNT, RON JEFFRIES, JON KERN, BRIAN MARICK, ROBERT C. MARTIN, STEVE MELLOR, KEN SCHWABER, JEFF SUTHERLAND Y DAVE THOMAS.

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