

ePartner IT Solution Consultants

ePartner IT Solution Consultants, a start-up company that was established in Brazil. Aimed to reduce costs on healthcare systems and provide health improvement in the population.

About ePartner IT Solution Consultants

ePartner IT Solution Consultants provide its users with useful and understandable data. Base on the data available, they worked towards improving the population's health of a certain locality. Since Brazil has government-funded free healthcare, e.g. prevention or treatment in the early stages. ePartner focused on developing solutions for the primary healthcare, including reducing cost on health system and providing health improvement on the population.

“The ability to use it (ZK) within native java code was the killer feature since it meant we could considerably reduce our development efforts and future maintenance”

Background x ePHealth

Though Brazil has the public healthcare program recognized by WHO, this project, ePHealth, hasn't achieved the real potential of being an effective healthcare program due to the lack of management and control. ePartner came up with a solution comprised of an Android app as well as a web interface: the app is used by field agents to collect data and record work tasks. The web UI, on the other hand, is used by the management personnel to coordinate the agent's activities as well as to plan strategic actions aiming at the improvement of the municipal public health based on statistics and analysis of the data collected.

ePHealth and Challenges

The project is based on Java EE with ZK being used for the user web UI. For the backend they used PostgreSQL with an in-house

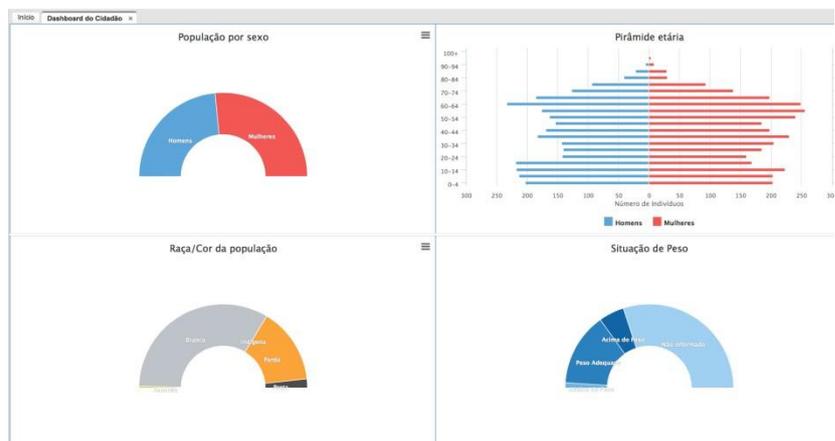
developed framework. ePHHealth was launched in December 2014; it is still ongoing with constant improvements. ePHHealth encountered quite a few challenges due to small team, and they found it difficult to create an UI that is both functional and gather all the information user require without compromising aesthetics.

Why ZK

Several frameworks were tried out and ePartner decided to choose ZK because it was easy to integrate with the code base. Using of ZK considerably reduced their development efforts and future maintenance. For example, JFreeCharts was utilised before using ZK, however, the results were quite disappointing. ZK, on the other hand, fulfilled their needs better and was better looking at the same time.

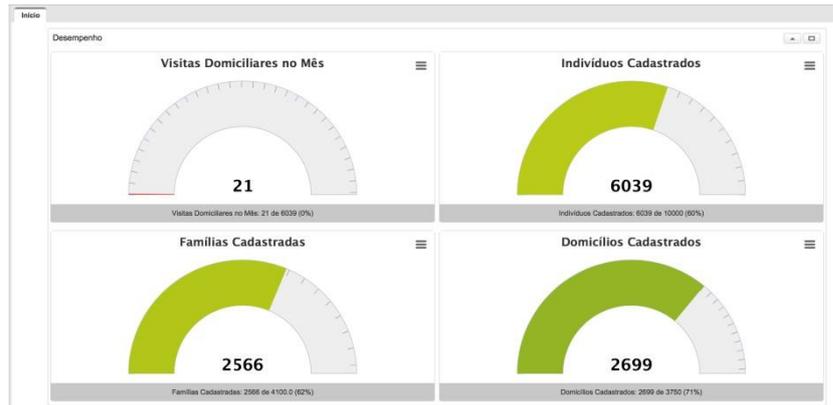
“ZK is really easy to use and there are good documentations and samples online.”

The user dashboard developed by using ZK Charts presented user data in an easy-to-understand way. With many demos and informative documentations available online; ePartner finished the development of dashboards using ZK Charts.



“On the top of that, the standard design of the charts looks great and we didn’t have to customize anything to make them look good... we did, however, adjusted it to match our product’s color scheme, and that was easily done.”

“Choosing ZK made our development progress faster and thanks to it, we were able to solve issues easily – displaying user data in an easy-to-understand way.”



The Result

“As a result, we greatly improved our web interface usability with better visuals and easy to use controls.” ePartner plans to develop more dashboards and control panels with ZK Charts, and to continue using ZK for web UI. “ ... should the need to develop another product arise, we would definitely use ZK again to minimize development efforts and costs.”

About ZK

ZK is the leading enterprise Java Web framework with more than 1,500,000 downloads. ZK is deployed by a large number of Fortune Global 500 companies, including Barclays, Allianz, Swiss RE, Roche, Deutsche Bank, Sony, Sun Microsystems, and Toyota, providing them with the ability to rapidly create rich Ajax enterprise level applications.

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