





KiZAN works with businesses and organizations from startups to large corporations and enterprises to help them innovate and build custom software solutions. The custom application development team, led by Mike Branstein, Practice Lead at KiZAN Technologies, uses Telerik Platform, Telerik® NativeScript™ by Progress, and Kendo UI® by Progress. Additionally, the team has used Telerik Screen Builder by Progress to mock up and provide interactive user experiences for mobile solutions, before delivering them directly to customers.

"We have hundreds of customers we deal with, so we have built hundreds of solutions," said Branstein, whose team develops apps from scratch and often works with organizations to modernize their applications. He said clients rely on KiZAN to be experts in web development and new technologies—Progress helps them stay ahead of the curve.

According to Branstein, modernizing apps has unique challenges. "We're working with legacy code, and legacy technologies, and we yet still have to plan for a modern environment where we need a mobile solution, a web solution, and cross-browser solutions," he said. "We chose Kendo UI because it just works. The API is fluent and easy to use, and the support and documentation far exceed all other competitors in the field." Branstein estimates approximately 500,000 users regularly use applications the team has developed using Kendo UI framework, in education, healthcare, the public sector, and nonprofit organizations.

Solution

Having had success with Kendo UI framework, Branstein's team selected Telerik Platform by Progress over other mobile app development platforms. "Telerik Platform and Telerik NativeScript enable us to build cross-platform mobile apps, from prototyping all the way to deploying solutions," he said. "It's a single solution that enables us to innovate and spend less time on developing for individual platforms."

Although Branstein recognized that other solutions also enabled cross-platform development of hybrid mobile apps, usually there are performance concerns. Applications run slow or they don't update quickly, which can invite negative feedback from users. "With NativeScript, we can build it once, but target native development for the various platforms to eliminate performance issues," he said. "Code runs fast across all platforms, and it's dependable."

Branstein said other solutions may be as feature-rich, but documentation and guidance is nonexistent. Not so with Telerik Platform. "The support and documentation Telerik makes available to developers far surpasses any other solution." he said.

Progress at Work

Using Kendo UI framework and Telerik Platform, Branstein's team has developed several solutions:

- A mobile time tracking solution for a manufacturing firm. The firm had previously relied on a Microsoft Access database for time entry. With several remote offices and only one employee able to access the database at a time, this wasn't scalable. Using Telerik Platform, KiZAN designed a mobile app enabling users to enter time simultaneously, wherever they are, improving payroll processing and accuracy.
- A start-up took advantage of a change in U.S. law requiring truck drivers to have sleep apnea testing.
 KiZAN worked with the company to develop a custom

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portal for sleep apnea disease management and wellness, so truck drivers and trucking companies can have a single place to connect with doctors.

- A second start-up worked with KiZAN to envision, design, and build a solution to assist medical providers in claims processing by facilitating payer communication, from initial benefit inquiry, to prior authorization, to appeal and so on through a SaaS web portal backed by live support personnel.
- A large textiles manufacturing company wanted to reduce labor and materials waste, and KiZAN used Kendo UI framework to build a solution for optimizing the company's workflow to reduce the amount of scrap waste.
- One web application KiZAN developed for the education sector is used by about 25,000 individuals to manage professional and employee development activities.
- In the restaurant industry, KiZAN used Kendo UI framework to build a web app used by approximately 350,000 users.

Results

With Telerik Platform and NativeScript, Branstein's team has been able to reduce development time by approximately 60 percent, because they can develop once for multiple platforms. "Typically, one of the biggest challenges with cross-platform development is learning the various languages—Objective C or Swift for iOS, Java for Android

and C# and XAML for Windows Phone," he said. But Telerik Platform allows Branstein's team to leverage what they already know—HTML 5, JavaScript, and CSS.

Additionally, it has changed the way the company works with new clients, even enabling a new business offering—a 2-week engagement Branstein calls "mobile app quick start." "We start off with stakeholder interviews, and using Telerik Platform, we can engage them directly to show concrete user experience mockups and functional designs," he said. "We then flesh out the backend technical coding, and quickly deploy the app to mobile devices for testing. It enables us to quickly prototype a solution, incorporate client feedback and move to coding in a very short time period."

But Branstein said the true power of the Platform is in deployment. "With Telerik Platform, we're able to deploy to multiple platforms in a very seamless and streamlined manner, and that management and deployment time is reduced by as much as 80 percent—and we're able to target private app stores at the same time."

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Perfect Partners

Branstein said KiZAN's relationship with Progress is based upon trust and dependability. "We know that the company is going to help us continue to be ahead of the curve in technology," he said. "We look towards Telerik technologies to design and develop solutions that we can continuously use to ensure that we're providing the best solution to our customers at the lowest price possible."

For more information about Telerik Platform Enterprise Edition, visit telerik.com/platform-enterprise-launch

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An Enterprise Architect's Guide to Mobility



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About Progress

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