TOKARA® SOLUTIONS

VISUALFORCE DEVELOPMENT

SALESFORCE CONSULTING SERVICES

Don't just create a user interface—design a user interaction. Customize the layout and functionality of your mobile applications with Visualforce, optimizing team performance.

VISUALFORCE PROVIDES DESIGN FLEXIBILITY

The Salesforce1 Platform, also known as Force.com, enables users to create custom mobile applications to meet specific business needs, across a variety of industries. Whether selecting a predesigned solution or designing an entirely new program, employees have access to the development tools required to define the three main considerations: data model, business logic and user interface, of each application. For the most part, these three elements are supported by robust tools that foster customization; however, the basic Force.com user interface is fairly rigid, built on standard layouts that offer little flexibility in how information is displayed. For instance, buttons always appear above fields, fields always appear above related lists, and custom links can only be applied in specific areas. While this format is suitable for most transactions, many developers seek more control over the look and feel of their

Visualforce is a component-based framework that allows developers to adjust the conventional Force.com user interface layout to the unique objectives of your team and organization. Available in the Salesforce1 Contact Manager, Group, Professional, Enterprise, Unlimited, Performance, and Developer Editions, Visualforce is natively hosted, compiled and rendered on the Force.com platform for complete integration and usability across the program's web-based environment. Composed of HTML, components, and optional styling elements, each Visualforce page provides a richer, more animated user interface than traditionally designed applications.

Centered on tag-based markup language similar to HTML and standard server-based controllers to power database operations, Visualforce is powered when a language tag corresponds to a user interface component, such as a page section, list or field. Approximately 100 built-in components come standard, and developers can also create their own components, which can be either coarse or fine-grained depending on the desired compilation speed. Component behavior can be controlled by standard Salesforce logic, or by logic assigned by the developer's custom Apex code, providing greater flexibility of design.

Use the Visualforce framework to incorporate dynamic user interfaces into your custom, on-demand Force.com applications without sacrificing usability or functionality.

WHY IMPLEMENT VISUALFORCE

After making the Salesforce1 investment and implementing its cloud-based components into your team's operations, it's now easier than ever to customize the applications to fit your unique business model. As a leading CRM consultant and Salesforce1 expert, Tokara Solutions has the expertise and experience required to show your organization how Visualforce can be optimized to enhance existing processes and create new, more dynamic mobile solutions designed directly around your objectives and best practices.

Greater Operational Control: The Visualforce markup can include Visualforce tags, HTML, JavaScript or any Web-enabled code embedded within an <apex:page> tag. This language defines user interface components, such as buttons or links, and how they are laid out on the page. However, the interface layout is not the only page element controlled and manipulated by Visualforce. Developers can also select the desired logic they want to attach to these components to run operations most effectively. Components can be controlled via the standard Force.com platform logic, or through custom logic, defined by developer-created Apex code, which will assign different navigation aspects and behaviors to components as required.

Override Standards: One of the greatest strengths of the Salesforce1 Platform is its usability, allowing even the most non-technical user to create custom applications through its wizards, templates and step-by-step walkthroughs on solution development. While these boilerplate operations are helpful in many circumstances, including on-the-go deployment, advanced administrators and developers often require adjustments to traditional layouts and applications. To this end, Visualforce can override certain elements that come standard on the platform, including buttons and tab overview pages. For instance, though an "Accounts" page may always include a "New" button, developers can choose to overwrite this element as required to meet their particular design requirements.

Web-Based Integration: Common Visualforce page components include custom tabs and dashboard components, as well as new menu items and actions, personalized console components, and even new help pages patterned around specific organizational terms. As the markup is ultimately rendered as HTML, developers can integrate its tags with other Web-based user interface technologies, including standard HTML, JavaScript, Flash and other HTML-executable code for a greater range of design possibilities. Total server-based operation means no additional client-side callbacks are needed.

Direct Feedback and Transparency: Developers always know the results of their Visualforce customizations, as the language is displayed and can be adjusted in the same Editor Pane as the resulting page, refreshed with every save.

Time and Resource Savings: The Editor Pane window also provides auto-completion and syntax highlighting tools, saving development time. "Quick fixes" allow employees to design new Visualforce pages or components quickly, even while in the field, as they are generated automatically when a user begins to type into the URL.

Improved Team Efficiency: Visualforce allows for a Model-View-Controller (MVC) development style, which splits the application's user interface and business logic, so designers can focus on the application's look and layout while developers work simultaneously on the Apex-driven controllers that define its business logic. This approach saves both time and money by allowing teams to work separately on the specific elements they are best suited for, diminishing cross-work confusion and encouraging teamwork.

Force.com Integration: Even the most advanced and complicated Visualforce pages run on the same Force.com platform, operating with the same high performance standards as any Salesforce page, regardless of the amount of data incorporated. Integration into the platform ensures Visualforce pages and elements are upgraded with all Salesforce1 upgrades, without any required re-writes, so your team can focus on developing, designing and deploying custom pages, without worrying about work loss or downtime.

TOKARA® SOLUTIONS

PHONE: +1 (877) 330-1203
OR +1 (817) 416-1661
EMAIL: INFO@TOKARASOLUTIONS.COM
TOKARASOLUTIONS.COM