Simple apps and features available on SAP

Technology has helped many businesses evolve in the past decade, and that's because a great majority of industries understood its impact. Taking into consideration that emerging technologies are turning into a significant need for each company focused on the development and sustainable growth, innovation became a competitive advantage as it makes processes and tasks more efficient than ever.

Such groundbreaking technology is SAP Cloud Platform, a platform-as-a-service (PaaS) solution, that proved to be highly efficient for the businesses that implement it in various ways, by allowing them to innovate, accelerating the pace of technology with a single, unified platform.

You may be familiar with SAP Cloud Platform, but if you are a newbie, make sure you check our latest article on this topic to have a better understanding of this technology.

Still, companies considering the implementation of SAP Cloud Platform are skeptics when it comes to the platform's potential. This article will shed some light around the possibilities offered by SAP Cloud Platform by presenting a few simple applications that a company can develop using the services and tools provided by the platform.

SAP HANA features that will skyrocket your app's development

SAP HANA is an innovative application that uses in-memory database technology to process and analyze large and complex sets of real-time data, all of that being executed in a short time, providing high performance in contrast to any other external application server.

One of the most important advantages for this application is that it keeps all data in memory using cloud storage, and it also compresses data. This option is

improving the data accessibility, being faster than it usually was on the disk, which was previously responsible for slowing the application execution.

Building apps on SAP HANA will benefit each company with a set of advantages that enhance some critical aspects of their new launch:

- ***High availability and disaster recovery***

Applications built with SAP HANA have the advantage of being highly flexible, by offering the ability to move and copy databases through multiple environments, causing no harm or damage to the transferred data.

- ***Administration and monitoring***

Large projects can be managed easier with SAP Hana thanks to the possibility to assign admins to user groups while enforcing best practices across all application features to deliver fast results efficiently.

- ***Workload management***

SAP HANA's capacity to manage database requests, allows companies to allocate resources more efficiently, and the possibility to enforce limits to resources usage and collective memory makes the management process more productive.

SAP UI5 features that support the next-gen experiences

SAP UI5 represents a web development framework from SAP, which can technically offer support to develop any sort of web application that can be created by any other UI development tool available on the market.
SAP UI5 stands for SAP User Interface for HTML 5, which is a comprehensive collection of libraries dedicated to developers who want to build any app available for web or mobile that runs in a browser.

Since the user experience became critical for businesses all around the world in the past few years, SAP UI5 started to be utilized for UX purposes, as the tool relies on stable standards called the UX paradigm, that contains a list of guidelines and principles that ensure compliance to user interfaces standards.

The benefits of working in SAP UI5 are various. Let's see a few of them:

- UI5 apps can be accessed from any device, from desktop to mobile, and tablet

- The apps are technically recognized as browser-based apps, which means they support more than 150 design elements for screen appearance

- SAP UI5 apps are faster because the server is not overloaded during execution

Apps built with SAP Fiori

SAP Fiori, another tool available on the SAP Cloud Platform, works great for building [Android apps](#), by using a language that delivers a complete user experience among all features across web and mobile platforms. SAP Fiori for Android collaborates with Google Material Design to provide an intuitive experience for enterprises building their applications.

Consistent user experience on SAP Fiori has to deal with the design language, which is used across all SAP software, on both mobile and web platforms. The interface of Fiori for Android combined with Google Material Design make a good team and contribute to one of the most intuitive applications for enterprises.

Other kinds of apps that customers may build in SAP Fiori are customized Fiori apps with attached extensions or additional fields. Also, this platform is useful when the business has procedures and actions that have users interact with multiple channels. Here are included emails, internal communication apps or social media.

Final Thoughts

Without any doubt, SAP Cloud Platform may seem confusing with this significant number of tools that offer even more possibilities for development. The right

decision when considering the appropriate tool for your company's next application takes some time and thinking. The next step is to understand how SAP Cloud Platform works for you, and how all these tools, features and possibilities will show positive results in the long run.

Would you like to learn more about which SAP tool is suitable for your business? Get in touch with SE16N team, and we'll give you all the answers.