Development Services

Assemble, Code, Test and begin again...

Mobizent provides development services on all it's system integration projects where the customer requires customization or new development on their enterprise solution, which includes an iterative approach of assembling components, building new components, tsting and then begining again until the solution is complete..

Mobizent uses many specific development methodologies, due to its large library of off-the-shelf products and modules. All approaches to development are based on using existing modules and promote rapid development through teamwork, collaboration, and process adaptability throughout the entire life-cycle of any project.

Iterative, incremental and evolutionary

Mobizents methods always break tasks into small components that involve modifications to modules or the creation of new modules with minimal planning and the Iterations are short time frames that typically last from one to three weeks. Each module involves a team working in all the engineering functions: discovery, design, coding, and testing. At the end of the iteration a working product is demonstrated to the customer. This approach minimizes overall risk and allows the project to changes quickly. Any iteration might not add enough functionality to warrant a release, but the goal is to have an available release at the end of each iteration. Mobizent will require multiple iterations to release a product or new feature.

Efficient and face-to-face communication

No matter what development apporach Mobizent uses, each team will contain a customer. At the end of each iteration, the customer review progress and re-evaluate priorities with a view to optimizing the return on investment (ROI) and ensuring alignment with customer needs .

Very short feedback loop and adaptation cycle

Mobizent development provides daily status meetings. In a brief session, team members report to each other what they did the previous day, what they intend to do today, and what are their issues.
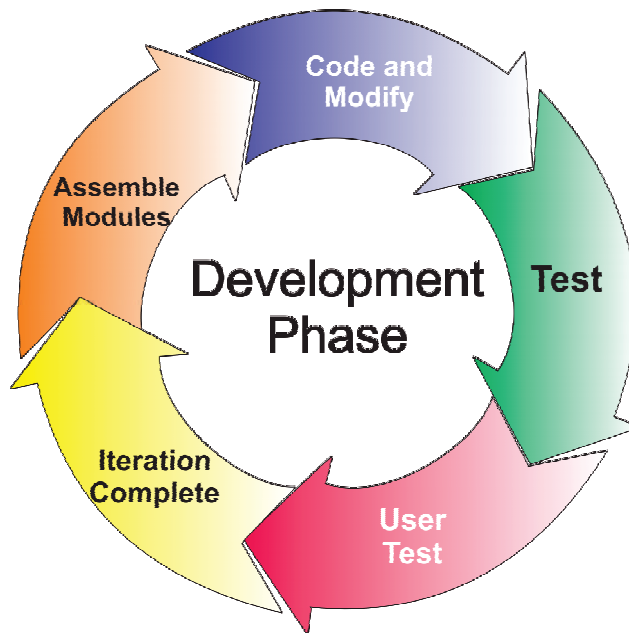
Quality focus

Depending on the project specific Mobizent tools and techniques, such as continuous integration, automated unit testing, team programming, test-driven development, domain-driven design, code re-engineeering and other techniques are used to improve quality and enhance the code.

Constant Improvement

Compared to traditional software engineering, Mobizent's development approach is mainly targeted at complex systems and projects with where Mobizent understands the dynamics, where accurate estimates, stable plans and predictions are often known based on past projects and big up-front designs and arrangements will probably cause a lot of waste. These arguments and Mobizent industry experiences learned from years of successes and failures have helped shape Mobizent's favor of adaptive, iterative and evolutionary development.

Mobizents focus on frequent delivery of products, with assumption that to deliver something "good enough" earlier is always better than to deliver everything "perfectly" in the end. By Mobizent delivering product frequently from an early stage of the project, the product can be tested and reviewed where the test record and review document can be taken into account at the next iteration or phase.

- Design up front to build quality prototypes
- Take an iterative approach to building all products
- Build customer feedback into each iteration
- Accept that most detail emerges later rather than sooner
- Embrace change – the right solution will not evolve without it
- Be creative, experiment, learn, evolve

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