

Business Challenge

Considering the ever growing high costs involved in maintaining the IT assets, Everything Everywhere considered the initiative of application rationalization using SOA. With the competition increasing day by day, it was a very strategic move taken by the organization for migrating most of its legacy services in the PAYM & the PAYG arena.

Client

Everything Everywhere is a mobile network operator and internet service provider in the United Kingdom. It was once a constituent of the FTSE 100 Index but is now owned by France Telecom. Over one million UK businesses work with Everything Everywhere, from large corporate to small businesses and sole traders. Plus, there's global expertise and resource on hand from the France Telecom Group, with 172 million customers worldwide. Everything Everywhere currently offers two mobile phone packages; pay as you go and pay monthly service plans.

Solution

The solution is being delivered in a phased approach across two logically separated releases over 24 months. Though the SOA roadmap was built in-house, being a preferred vendor, Torry Harris was approached to solve this business challenge. Our involvement was in the following areas:

1. Design the SOA architecture to facilitate migration
2. Implement and Quality Assurance

Torry Harris devised a project plan using the standard Waterfall model. The relationship of each stage to the others can be roughly described as a waterfall, where the outputs from a specific stage serve as the initial inputs for the following stage.

A thorough analysis of the 'As-Is' state of the legacy application was carried out with constant interactions with the client team; thus designing a loosely coupled 'To-Be' using SOA. During the design phase, apart from the technical analysis, a thorough plan for implementation and documentation was laid out. This provided a scope for improvement of the design by streamlining issues at the starting phase of the project execution. The final design document was thus signed off and the detailed low level technical design document was provided to the implementation phase.

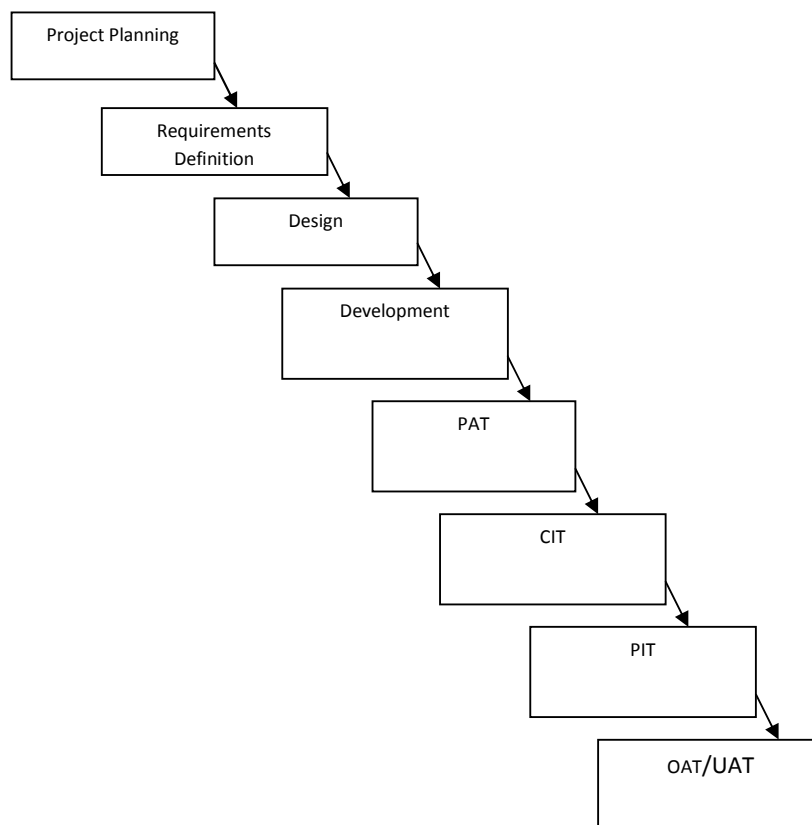
The implementation phase of SOA involved the phases of code construction and Quality Assurance through testing at various stages thus ensuring a high-quality deliverable. With an involvement till the stage of User Acceptance testing, Torry Harris will ensure

that the end-users are in acceptance with the project deliverables; thus ensuring the customers are satisfied with the work expected from Torry Harris.

Methodology

The Waterfall methodology is adopted for this project. The relationship of each stage to the others can be roughly described as a waterfall, where the outputs from a specific stage serve as the initial inputs for the following stage. During each stage, additional information is gathered or developed, combined with the inputs, and used to produce the stage deliverables. It is important to note that the additional information is restricted in scope; "new ideas" that would take the project in directions not anticipated by the initial set of high-level requirements are not incorporated into the project. Rather, ideas for new capabilities or features that are out-of-scope are preserved for later consideration. After the project is completed, in concert with other customer and development team personnel develop a list of recommendations for enhancement of the current software.

The below diagram depicts the different stages in the waterfall model followed in the project:



Business Benefits

Everything Everywhere is still at the stage of implementing the solution. The SOA migration is a part of their imperative strategy to have a cost-effective operation for PAYG and PAYM, thus having a better competitive edge in the industry by the end of 2011. With a relationship spanning for more than 6 years with Everything Everywhere, Torry Harris has been able to deliver high-value delivers throughout. This coupled with the innovation at Torry Harris on SOA has helped Everything Everywhere to firmly believe on the strategy employed by Torry Harris for SOA implementation.

Name of the Project Manager / Delivery Manager

- Uma Gangadharaiah
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