

Jharna Software

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Kent Beck an American Software engineer mentioned “ The business changes, the technology changes, the team changes, the team members change, the problem isn’t change, because change is going to happen , the problem rather is the inability to cope with change when it comes” (Kent Beck Quote, n.d.).The rapid development of the software industry is the result of globalization, the rapid changes in the economy and competition has created a need for companies to outsource, some of the main reasons for outsourcing are the low wage in countries with the same IT skill levels and to speed up production. In this paper, I will discuss the state of global software industry, and the project management approach of the Jharna IT company (Bose, 2006, p. 3).

The rapid development of the global software industry in the previous years has caused globalization of the economy and an intense competition between industries, as a result there is an enormous pressure for IT companies to reduce cost, speed up production and to create new strategies to adapt to this changing environment. The Jharna Software is a medium size software development company that was doing very well until it started facing pressure from the U.S clients to produce more in less time and using less resources. In order for the company to create a competitive advantage and to adapt to the new changes in the industry it was essential to create strategies to achieve these goals. Thorough time Jharna Software has been adapting to changes, for instance, they used to provide software to banks and financial institutions but due to the changes in the industry they began to provide solutions for businesses, software and hardware platforms. For Jharna in order to adapt to globalization it was important to grow competition, use smaller budgets and to complete projects in less time (Bose, 2006, p. 5).

The rapid change in business needs and market competition have created a need for agile methods instead of the traditional ones in IT companies, for instance, Indian software firms began to face challenges due to the global offshore software competition, therefore, companies had to prepare to create strategies to compete and provide better services around the world.

For Jharna Software it is very important to shift to a new agile project management approach for the following reasons: The rapid change in business needs and market competition forces has created a demand to change the traditional plan driven software development to agile methods, instead of planning the process in detail for a large time frame at the beginning of the project, agile methods were developed to adapt and thrive on frequent changes and because agile methods relied on people's expertise, competency and direct collaboration rather than rigorous, documented process. In other words, they were people oriented rather than process oriented (Bose, 2006, p. 4).

When Jharna had to make a business decision to transition to agile project management process they faced several challenges, for instance Culture states "get it right the first time" but in Agile if Jharna Software were using XP(Extreme Programming) any developer in the project team was encouraged to change any line of code to re-factor it, but, this was against company values, also ,the agile method documentation would be kept to a minimum which would lead to knowledge loss, especially considering the high staff turnover in the Indian software industry and convincing the developers to change over to an Agile method means more time training them as no one was familiar with that method (Bose, 2006, p. 5).

The rapid change in business needs and the high competition have created a demand to change the traditional ways for agile methods, these new methods relied in people's experience, expertise, competency and direct collaboration. For Jharna management the following recommendations are given with the goal to reduce risks: Change is key to any business organization and for Jharna Software moving to an Agile along with Waterfall parallelly would be ideal as this will keep the company culture and it will also help them in keeping up with the growing changes in the IT sector. Getting the job done along with training on Agile will help them theoretically and practically as this move is by far the best way for developers to adapt to the change with ease instead of a quick change which could be dangerous and invest in Agile training as soon as possible with a reputable company since they don't have the skill in house would be ideal for them (Bose, 2006, p. 6).

In conclusion, whether Jharna Software choses to adopt Agile or chose a different method every decision needs to be made for the benefit of the company, nowadays, companies have to adapt to new changes, globalization has created a need for industries like Jharna to create new strategies to survive in this competitive market. The problem isn't change, but the ability to cope with change when it comes. The rapid development of the software industry is the result of globalization, the rapid changes in the economy and competition has created a need for companies to outsource, some of the main reasons for outsourcing are the low wage in countries with the same IT skill levels and to speed up production (Bose, 2006, p. 7).

### References

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