Case Study

Developing Agile Extreme Programming (XP) with Existing Resources

Client:

Pharmacy Innovation Company

The client is a pharmacy innovation company helping people on their path to better health. The company enables people, businesses, and communities to manage health in more affordable and effective ways through more than 9,800 retail locations.

Challenges	CBTS Solutions	Results
• The client transforming software development lifecycle from waterfall development methodology to agile Extreme Programming (XP). • The client needs third-party expertise to train and support its internal IT resources on this transformation and develop value-added applications.	• CBTS staff augmentation organization sourced 20 agile XP developers who are working with client's employees using a paired-programming model. • CBTS partnered with Coda Global to supplement agile XP developers as needed and provide additional on-the-job training.	• CBTS recruiting, hiring, and managing the necessary talent to help the client successfully execute on its strategic IT initiatives. • CBTS providing a flexible cost model that allows the client to leverage necessary IT resources through retraining instead of incurring capitalized costs for new hiring.

IT Consulting, covered.

Business Challenge

The client is transforming their software development lifecycle. The client has traditionally used the waterfall development methodology, which is typically a 6-12 month process that flows in a single progression through conception, initiation, analysis, design, construction, testing, deployment, and maintenance. This process is too slow and does not meet client's needs in its competitive industry.

The client wants to leverage agile Extreme Programming (XP), which embraces speed, simplicity, and collaboration to deliver value-added applications to the market. The XP process includes daily standup meetings to review progress, and regular "sprint sessions" to keep the development process moving forward.

The client recognized that moving from the waterfall development methodology to an agile XP environment would create internal challenges among its team of developers, who were accustomed to a more deliberative method.

CBTS Solution

The client engaged CBTS to learn more about our application development abilities. The client subsequently asked CBTS to train their internal resources on agile XP development through a paired programming approach, and spin up a team of agile XP developers to supplement internal client resources as necessary.

CBTS currently has 20 agile XP developers across the country who are working with client's employees using a paired-programming model. In this model, client's developers sit side-by-side with CBTS resources and receive on-the-job training that is simultaneously helping client deliver new applications that will drive business outcomes.

CBTS sourced these XP developers through its staff augmentation organization, as well as our partner Coda Global.

CBTS Engineers and Consultants Deployed on the Project

- 20 Agile XP Developers
- Supplement Agile XP developers from Coda Global

Results

The CBTS Consulting Services practice is delivering the following outcomes for the client:

- Recruiting, hiring, and managing the necessary talent to help the client successfully execute on its strategic IT initiatives.
- A flexible cost model that allows the client to leverage necessary IT resources through retraining instead of incurring capitalized costs for new hiring.

IT Consulting, covered.