



Institutional Sign In

Institutional Sign In

All



ADVANCED SEARCH

Conferences > 2016 International Computer S... ?

# Adopting a combination of Scrum and Waterfall methodologies in developing Tailor-made SaaS products for Thai Service and manufacturing SMEs

Publisher: IEEE [Cite This](#) PDF

Wantana Singhto ; Nuttaporn Phakdee **All Authors**

**6** Cites in Papers **2577** Full Text Views



## Alerts

Manage Content Alerts  
Add to Citation Alerts

- Abstract**
- Authors
- Figures
- References
- Citations
- Keywords
- Metrics
- More Like This



Down  
PDF

**Abstract:**  
Software as a Service (SaaS) is a concept for delivering software applications, the service runs on cloud and provides benefits to small and medium enterprise (SMEs), off... **View more**

### Metadata

**Abstract:**  
Software as a Service (SaaS) is a concept for delivering software applications, the service runs on cloud and provides benefits to small and medium enterprise (SMEs), offering the advantage of 7 day 24 hour access ability and is truly ubiquitous. This case study examines the implementation of combining Scrum and Waterfall approaches to develop a set of Tailor-made Software as a Service to assist SMEs in the east of Thailand and to manage their business processes. The Waterfall model emphasizes early stage planning and identifies design flaws before they develop. The Scrum process encourages business stakeholders and developers to work together to align the product with customer needs and company goals. The implementation of these models has significant benefits which include: increased user and customer satisfaction IT services; financial savings and less time consuming and better alignment, based on the business focus.

**Published in:** 2016 International Computer Science and Engineering Conference (ICSEC)

**Date of Conference:** 14-17 December 2016 **DOI:** 10.1109/ICSEC.2016.7859882

**Date Added to IEEE Xplore:** 23 February 2017 **Publisher:** IEEE

---

 Contents

---

|            |   |
|------------|---|
| Authors    | ▼ |
| Figures    | ▼ |
| References | ▼ |
| Citations  | ▼ |
| Keywords   | ▼ |
| Metrics    | ▼ |

CHANGE  
USERNAME/PASSWORD

PAYMENT OPTIONS  
VIEW PURCHASED  
DOCUMENTS

COMMUNICATIONS  
PREFERENCES

PROFESSION AND  
EDUCATION

TECHNICAL INTERESTS

US & CANADA: +1 800  
678 4333

WORLDWIDE: +1 732  
981 0060

CONTACT & SUPPORT



[About IEEE Xplore](#) [Contact Us](#) [Help](#) [Accessibility](#) [Terms of Use](#) [Nondiscrimination Policy](#) [IEEE Ethics Reporting](#) [Sitemap](#) [IEEE Privacy Policy](#)

## IEEE Account

- » [Change Username/Password](#)
- » [Update Address](#)

## Purchase Details

- » [Payment Options](#)
- » [Order History](#)
- » [View Purchased Documents](#)

## Profile Information

- » [Communications Preferences](#)
- » [Profession and Education](#)
- » [Technical Interests](#)

## Need Help?

- » **US & Canada:** +1 800 678 4333
- » **Worldwide:** +1 732 981 0060
- » [Contact & Support](#)

[About IEEE Xplore](#) [Contact Us](#) [Help](#) [Accessibility](#) [Terms of Use](#) [Nondiscrimination Policy](#) [Sitemap](#) [Privacy & Opting Out of Cookies](#)

A not-for-profit organization, IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.  
© Copyright 2024 IEEE - All rights reserved. Use of this web site signifies your agreement to the terms and conditions.