



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_45904
Title of the Manuscript:	The Factors Influencing the Adoption of Software as a Service (SaaS): An Analysis of SMEs in Sri Lanka
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

		Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	1. Recast the title of this research work 2. Restructure the objectives of this research work 3. What really necessitated this study? 4. Proofread the whole manuscript thoroughly Author should revise the literature review section thoroughly	The current title of this work does not reflect the content of this work in total, especially the objectives. The content of the work goes beyond factors influencing the adoption of software as a service (SaaS). The author should consider "SMEs and adoption of software as a service in Sri Lanka", as this is more encompassing. The author should adopt a method of stating objective whereby, the primary objective is followed by all other secondary objectives that will be achieved in trying to meet the primary objective. The overall (primary) objective should reflect the purpose you stated in the first sentence of your abstract. The author should clearly state the problem that necessitated this study. This problem should have a solution in the proposed topic and objectives. This manuscript is flawed by a lot of non-coherent sentences that make up most paragraphs. The author should proofread the whole of this work thoroughly to recast such sentence. The author should clearly discuss related methods or techniques of other authors. This discussion should include their aim, objective, method, result and conclusion in brief. Adopt a new pattern of referencing a particular author instead of the repeated use of according to.... The literature review is flawed by too many sentence reference and outdated literature in the formulation of study hypotheses.	Corrections have been highlighted and done according to the comment.
Minor REVISION comments		Abstract Recast the introductory part of this sentence "Conceptualization of this researcher's variables and their interrelationship have been supported by theory of Diffusion of Innovation (DOI) of Rogers' (1962) and Technological Organizational and Environmental (TOE) Framework of Tornatzky and Fleisher (1990)" to make it simple. Consider "Conceptualization of the research variable of this study and their interrelationship were supported by a theoretical	I



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framework based on theory of diffusion of innovation (DOI) and technological organizational environment framework.”

Revise the sentence “Accordingly, the research sought to explain the adoption of SaaS using Awareness, Trust, Cost, Top Management Support, Complexity and Relative advantage”. Sought should read seek. The sentence should come before the theory on which your research is anchored. The sentence also seems incomplete. using awareness, trust, cost, top management as what?

The sentence “The study was conducted among 250 randomly selected SMEs adopting online business using questionnaires addressed to managerial and ICT professionals who were capable of making ICT decision at SMEs under study” contains a lot of relevant information like population of the study, sample size, method and source of data. Please consider splitting this sentence into two three simpler sentences.

“However only 224 questionnaires were returned with complete data required for the purpose of analysis.” Should read, However, only 224 copies of questionnaire were returned with complete data required for the purpose of analysis.

The sentence “Furthermore, this study has extended the existing body of knowledge by providing empirical support for explaining SaaS adoption by SMEs in Sri Lanka.” Should read, This study extends the existing body of knowledge..... Furthermore, the finding will help various parts...

Introduction
Recast the first sentence of the introduction. Please consider, “The growth of information technology (IT) innovation has led SMEs to adopt advanced technology to;

Properly link cloud computing as a dividend of the growth of information technology as stated in the first sentence.

Recast the last part of this sentence “It is very useful for SMEs that meet high and low demands of IT services and must pay only when it is paid for server usage increases.” It does not convey any information.

The sentence “National Institute of Standards and Technology (NIST) define the Cloud computing as “Cloud computing is a model for enabling..... should read National Institute of Standards and Technology (NIST) defines Cloud computing as “a model for



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enabling....." Please reference this definition properly.

Recast this sentence "To start with, the organizations that make Cloud innovation....."

Revise this sentence "With this sort of negative observation in regards to multifaceted nature....."

Revise this sentence "Further, Makris (2011) notes that Cloud computing is mobile.....and the strangers at the same time. Consider and strangers at the same time."

Split the sentence "The Small Medium Enterprise (SME) sector..... Government of Sri Lanka (GOSL, 2017) and it is seen as a driver of change for..... into two. It should read, "The small of Sri Lanka (GOSL, 2017). It is seen"

In the sentence "The Gov. of Sri Lanka recognizes.....Gross domestic product in compare to India" are you comparing the statistical contribution of SMEs in Sri Lanka to India? If yes, clearly state that with the statistics of SMEs contribution to the growth of India.

Reference the sentence "SMEs promote broad based equitable development and provide....." Adopt the journal pattern of in text reference to tables and figures.

The last part of this sentence "Therefore, Government of Sri Lanka recognizes that enhancing develop SMEs as a thriving sector, should read, ...and develop it to a thriving sector."

Literature review and hypotheses development

The sentence "According to Son (2011), the computing technology provides the organizations and firms....." should read, "According to Son (2011), the computing technology provides organizations and firms....."

The sentence "According to Ayoobkhan (2017), SMEs play a key part in the economy to surety that companies....." is too complex. Author should revise and split the sentence.

Revise the last part of this sentence "The Government of Sri Lanka has taken efforts to increase the competitive level of SMEs....."

Reference this sentence "According to a study there is inadequate information on fruitful case studies and indicators on SaaS implementation."



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Research Methodology
Revise this sentence "Some of the matter touched in the questionnaire include..... consider recasting the sentence as "some of the information contained in the questionnaire include....."

Revise this sentence "According to Business Directory, Sri Lanka, 2017; Chamber..... Consider "According to business directory..... 489 SMEs adopt cloud computing. This number constitutes the population for this research."

Data analysis and discussion of the findings
Revise this sentence "IT experience is concerned, around 76 (34%) of the respondents.....
Revise this sentence "Others around 36 (16%) of the respondents....."

Adopter and Non-adopters of SaaS
Revise the sentence "While around 55 (25%) SMEs.....
Revise the sentence "Hence, the descriptive analysis it is apparent that
Revise the sentence "Moreover, in this study, the researcher has focused on....."

Reliability and Validity of the construct
Revise the sentence "For the six constructs... It looks incomplete.
Validation test of the construct
As shown in Table 4 below, KMO value... should read "As shown in Table 4 below, the Kaiser-Meyer-Olkin (KMO) values....."
Regression analysis and hypotheses testing
Revise the sentence "Table 5 describes the results the linear..... What is the full meaning of ASP?
ANOVA in multiple regression analysis
The p-value from the ANOVA test in 7.... should read "The p-value from the ANOVA test in Table 7, is less than...."
Discussion
Revise the sentence "Trust was discovered to It contradicts your regression analysis.

The study has been observed cost as significant..... Should read "The study has observed cost as a significant factor in the adoption of SaaS"

Revise the following sentences;
The finding of the study in line with.....
The cloud SaaS service is easy to operate since these.....
Based on the acceptance
Relative advantage is completely associated
It is anticipated that



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		Research contribution The sentence "The research contributes to adopt should read "The research contributes to literatures on the adoption of SaaS computing in SMEs in Sri Lanka." Conclusion and recommendation Revise the sentences in this section thoroughly.	
Optional/General comments		This manuscript is flawed by a lot of non-coherent sentences that make up most paragraphs. The author should proofread the whole of this work thoroughly to recast such sentence. Author should ensure that the references are written in the reference format recommended by the journal.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>