

Document details

< Back to results | 1 of 5 Next >

Export Download Print E-mail Save to PDF Add to List More... >

[Full Text](#) View at Publisher

Proceedings of the 2018 7th International Conference on Computer and Communication Engineering, ICCCE 2018

16 November 2018, Article number 8539310, Pages 375-379

7th International Conference on Computer and Communication Engineering, ICCCE 2018; Kuala Lumpur; Malaysia; 19 September 2018 through 20 September 2018; Category numberCFP1839D-USB; Code 142740

Mobile Cloud Computing for Emergency Healthcare Model: Framework (Conference Paper)

Nirabi, A.  Hameed, S.A. 

Department of Electrical and Computer Engineering, IIUM University, Kuala Lumpur, Malaysia


Abstract

[View references \(11\)](#)

There has been recently acceptance of traditional emergency, although there are weaknesses like an wasting time for serving emergency cases and this may threaten a patient's life, information and communication technologies (ICT) have become more important in human life after its development for more than half a century with the great advantages of computing system like scalability of resources and reliability it is avoiding the system being a down if the server had issues or any bug, this paper will present Mobile cloud computing for emergency health care model (MCCEH) model using a cloud computing server, MCCEH model providing services related to healthcare in emergency cases and aim to reduce response time to save the patient's life. When a person is exposed to a health problem or a traffic accident is occurs, MCCEH model will allow users to search for the nearest medical center or nearest specialists related to specific specialization and the results will show the availability timetable for every specialist and whether he is available at this time or not, the user will be able to choose specialist / medical center based on previous experiences may able to read previous feedback and opinions. © 2018 IEEE.

SciVal Topic Prominence

Topic: Radio | Authentication | implantable medical

Prominence percentile: 94.152 

Author keywords

Cloud computing Cross-platform Emergency healthcare
Mobile cloud computing for emergency healthcare model (MCCEH)

Indexed keywords

Engineering controlled terms: Cloud computing Emergency services Health care

Engineering uncontrolled terms: Center-based Computing system Cross-platform Emergency healthcares
Health care model Human lives Information and Communication Technologies
Medical center

Engineering main heading: Mobile cloud computing

Metrics

0 Citations in Scopus

0 Field-Weighted Citation Impact



PlumX Metrics 

Usage, Captures, Mentions, Social Media and Citations beyond Scopus.

Cited by 0 documents

Inform me when this document is cited in Scopus:

[Set citation alert >](#)

[Set citation feed >](#)

Related documents

Mobile agent oriented service for offloading on mobile cloud computing

Byun, H. , Park, B.-K. , Jeong, Y.-S. (2017) *Lecture Notes in Electrical Engineering*

Supporting immersive location-based games on resource-constrained platforms

Naliuka, K. , Carrigy, T. , Paterson, N. (2010) *ACM International Conference Proceeding Series*

Research of hardware sustain technology of realtime video processing in ITS

Guan, Z.-C. , Yang, D.-Y. (2006) *Zhongshan Daxue Xuebao/Acta Scientiarum Natralium Universitatis Sunyatseni*

View all related documents based on references

Find more related documents in Scopus based on:

Authors > Keywords >

References (11)

[View in search results format >](#) All Export Print E-mail Save to PDF Create bibliography

-
- 1 Hazzaa, A., Dan, G.
(2015) *First Responder Help Facilitated by the Mobile Cloud*
IEEE Xplore: 1-8 30 November
-
- 2 Shihab, A.H., Shahina, S., Nur, H., Aisha, H., Othman, K.
(2011) *Web-based Database and SMS to Facilitate Healthcare Medical Emergency*
January 17-20
-
- 3 Kumar, D.R., Manjupriya, S.
Cloud based M-Healthcare emergency using SPOC

(2014) *2013 5th International Conference on Advanced Computing, ICoAC 2013*, art. no. 6921965, pp. 286-292. Cited 2 times.
ISBN: 978-147993447-8
doi: 10.1109/ICoAC.2013.6921965

[View at Publisher](#)
-
- 4 Hazzaa, A., Dan, G.
(2015) *First Responder Help Facilitated by the Mobile Cloud*
IEEE Xplore 30 November
-
- 5 Hazzaa, A.
Swift personal emergency help facilitated by the mobile cloud
(2001) *High Performance Computing and Networking*, 10 (1).
-
- 6 Almadani, B., Bin-Yahya, M., Shakshuki, E.M.
E-AMBULANCE: Real-time integration platform for heterogeneous medical telemetry system ([Open Access](#))

(2015) *Procedia Computer Science*, 63, pp. 400-407. Cited 10 times.
<http://www.sciencedirect.com/science/journal/18770509>
doi: 10.1016/j.procs.2015.08.359

[View at Publisher](#)
-
- 7 Vassiliki, K., Flora, M., George, V.
(2012) *An Android-Enabled Mobile Framework for Ubiquitous Access to Cloud Emergency Medical Services*
IEEE Xplore
-
- 8 Dinh, H.T., Lee, C., Niyato, D., Wang, P.
A survey of mobile cloud computing: Architecture, applications, and approaches ([Open Access](#))

(2013) *Wireless Communications and Mobile Computing*, 13 (18), pp. 1587-1611. Cited 877 times.
doi: 10.1002/wcm.1203

[View at Publisher](#)
-

□ 9 Forman, G.H., Zahorjan, J.
The Challenges of Mobile Computing
(1994) *Computer*, 27 (4), pp. 38-47. Cited 472 times.
doi: 10.1109/2.274999

[View at Publisher](#)

□ 10 Reddy, G.N., Reddy, G.J.U.
Study of cloud computing in healthcare industry
(2013) *International Journal of Scientific & Engineering Research*, 4.
68 ISSN 2229-5518, Issue 9, September

□ 11 Mounaim, L., Younes, L., El Habib, N.
(2016) *Cross Platform Approach for Mobile Application Development: A Survey*
IEEE, Xplore26 May

© Copyright 2019 Elsevier B.V., All rights reserved.

[< Back to results](#) | 1 of 5 [Next >](#)

[^ Top of page](#)

About Scopus

[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語に切り替える](#)
[切换到简体中文](#)
[切换到繁體中文](#)
[Русский язык](#)

Customer Service

[Help](#)
[Contact us](#)

ELSEVIER

[Terms and conditions ↗](#) [Privacy policy ↗](#)

Copyright © 2019 Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.
We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 RELX Group™