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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

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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

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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

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-
- 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

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-
- 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

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-
- 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

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-

□ 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

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□ 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, Xplore 26 May

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