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## Abstract

People with disabilities in society has been rapidly increasing due to the demographic trends long documented by many researchers,now-a-days the governmental leaders have paid little attention to their needs when planning and implementing Cloud SaaS projects. If this ignorance continues in society, people with disabilities will be even more disadvantaged . Since the acquiring knowledge is now much easier for those without any disabilities. This research is intended to provide an in-depth evaluation of the E-Governance sites of India&apos;s central

government based on the Web Content Accessibility (WCA) Guidelines provided by W3C(World Wide Web Consortium). Based on the WCA Guidelines, we have studied and coded each individual E-Governance site of the central government. The results indicate that the governmental Web sites in general have made many mistakes. In light of these research findings, this paper offers a number of levels to improve the Cloud Based SaaS design practices in India that may also apply to public organizations in general and disability community people can also access the services easily.

## References

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- Chaomeng James Huang. ,2002. ,Usability of E-Government web sites for people with disabilities. ,Proceedings of the 36th Hawaii International Conference on System Sciences (HICSS&apos;03). ,
- Dr. Vasudeva Varma. ,2010. ,Cloud Computing for E-Governance,A white paper. ,
- Muzafar Ahmad Bhat. , Razeef Mohd Shah. , Bashir Ahmad. , Inayat Rasool Bhat. ,December 2010. , Cloud Computing: A Solution to Information Support Systems (ISS) . ,International Journal of computer Applications. ,Volume 11 No-15. ,
- Charalampos Tsaravas. , Marinos Themistocleous. ,May 2011. ,CLOUD COMPUTING AND EGOVERNMENT: A LITERATURE REVIEW. , European, Mediterranean & Middle Eastern Conference on Information Systems 2011. ,
- K. Mukherjee. , G. Sahoo. ,october 2010. , Cloud Computing: Future Framework for e-Governance. , International Journal of Computer Applications (0975 – 8887) Volume 7– No. 7, ,
- Jeffrey P. Bigham, Jeremy T. Brudvik, Jessica O. Leung, and Richard E. ,2009. , Ladner. Enabling web users and developers to script accessibility with accessmonkey. Disability and Rehabilitation: Assistive Technology, 4(4):288–299,
- A. Brown, C. Jay, and S. Harper. ,2009. , Audio representation of auto-suggest lists. In W4A&apos;09: Proceedings of the 2009 Cross-Disciplinary Conference on Web Accessibility (W4A), pages 58–61.
- Peter Thiessen and Charles Chen. ,2009. , ARIA Live Regions: An introduction to channels. Journal of Access Services, 6(1):215–230. ,
- Peter Thiessen and Erin Russell. ,2009. ,Wai-aria live regions and channels: Reefchat as a case example. Disability and Rehabilitation: Assistive Technology,4(4):276–287. ,
- Reda Yaagoubi and Geoffrey Edwards. ,2008. ,Cognitive design in action: developing assistive technology for situational awareness for persons who are blind. Disability and Rehabilitation: Assistive Technology, 3(5):241–252. ,
- Zeljko Obrenovic. ,2009. ,Web accessibility and open source software. Disability and Rehabilitation: Assistive Technology, 4(4):227–235. ,
- Caroline Jay, Andy Brown and Simon Harper. ,june 2010. , A &apos;visual-centred&apos; mapping approach for improving accessibility to Web 2. 0 for people with visual impairments. ,
- Accessibility for disabled <http://cis-india.org/about/accessibility>.

## Index Terms

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**Keywords**

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