Impact of Web and Cloud Computing Platform on Software Engineering
Research Oriented
Ram Priyatham Koppula and Sri Harsha Narisetty
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Department of Computer Science, Georgia State University
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Abstract:
Software engineering is an application of systematic, disciplined, quantifiable approach to design, development, operation, and maintenance of software. Cloud computing is receiving more significant attention and is the present trend of computing, as it promises a lot of benefits like no capital expenditure, the speed of application deployment, shorter time to market, lower cost of operation and easier maintenance for the tenants. In an era of the semantic web, the emergence of several web technologies is enabling innovative use of the web. This altogether is enabling new business models. One such business model is leasing out computing platform of hardware and software over the internet to the tenants; this is anticipated further to impact on how the software engineering methodology in developing a model is affected. In this review, we had studied research papers related to software engineering in the context of cloud and web. We will be presenting the report of software development in cloud computing, and a Project-Based Learning approach is performed for developing a web system for managing projects. We also tried to understand the present state of software engineering in a cloud platform. We will even be discussing the challenges, impacts of web and cloud computing on software engineering.

References:


