Abstract

Agile development framework is a free, open source web application development framework. It aims at expanding the speed and ease with which database-driven web applications can be made. Agile web development emphasizes clear goals, planning, incremental and iterative delivery in this way guarantees the successful completion of a product at the end of each iteration. Successful interaction increases success of the application because of the core focus mainly on client participation. This declines problems that come with the development team changing the product in a late stage due to changes in requirements. Rather, both the development team and the clients are informed, therefore client confidence remains high and there are minimal delays till the end of the development and in addition deployment. All tasks are performed at defined period, with simply less documentation work. The agile environment deal with rapid application development and in this manner making developers to do software and web solutions in a shorter timeline[1]. Organization ranging from start-ups to established enterprises and have arrived at the conclusion that when making web applications, Ruby on Rails is the best choice. This paper highlights the Rails framework characteristics and its relevance to adaptive nature, iterative and incremental development using agile methodologies[2].

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**Index Terms**

Computer Science

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**Keywords**

Ruby on Rails (RoR)  Rails Framework  Agile development  MVC architecture.