Abstract

For conventional software development, generic software engineering lifecycle model has proven to be very important. Though, with the evolution of Web-based applications and internet, conventional software engineering models have limited support for developing Web-based applications. In recent years Web-based applications have become more complex and new technologies are emerging at a rapid pace. Therefore, the conventional software engineering lifecycle models need to be reformed in such a way that handling the change requirements and complexity of Web-based development becomes convenient for conventional developers. However, there is a lack of any generic process model available for Web-based applications. The paper identifies and analyzes various aspects of conventional and Web-based development and proposes a lifecycle model, which incorporates the aspects of agile and plan-driven development to develop a Web-based application successfully.

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**Index Terms**

Computer Science

Web Services

**Keywords**

Agile methodologies  Conventional software applications  Lifecycle Model  Feature Driven Development

Requirement Engineering

Scrum.