Abstract

This paper explores the architectural improvement of e-learning applications utilizing standards of Aspect-Oriented programming framework Development (AOSD). This Model has been acquainted with give e-learning framework flexibility, extensibility, sustainability, design stability, configuration and modularity. The principle point is to supply the engineering outline underneath that various e-learning application modules might be produced and broadened. All through structural advancement, various administrations are known for e-learning applications, which are important through their work, understanding and specialized open doors. The design advancement is awed by MVC (model-view-controller) show. The information of the framework is delineated by the model, the view might be a visual representation of that information and furthermore the controller watches the client's remarks and translates the model for the alteration.

References


9. 

10. Figure 1: Architectural Development Framework

11. 

12. Figure 2: Architectural Framework of Authentication and Authorization

13. 

14. Figure 3: Architectural Framework of E-Learning System

15. Figure 4: Architectural Framework of Client browser issuing an HTTP request

**Index Terms**

Computer Science

Information Sciences

**Keywords**

AOP, AOSD, E-Learning, Extensibility, Configurability
Architectural Development of E-Learning Application using Aspect-Oriented Programming (AOP) Principles