

Customer Satisfaction through E-Learning Software Product Line

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As online education becomes a basic need for several organizations, a variety of Learning Management Systems is proposed on the market. However, available systems do not satisfy all the needs of different institutions, which push them to develop their own systems. Since developing and maintaining new software are cost, time and effort consuming, and with the increasing demand on e- Learning systems, it becomes necessary to find an efficient solution that allows the fast development of systems and overcomes the before-mentioned issues. We strongly believe that adopting a software product line approach in e- Learning domain can bring important benefits. In this paper, we present the development process of an e-Learning software product line. Throughout the development process, we demonstrate how this approach allows us to satisfy the variable needs of customers and benefit from the systematic large scale reuse at the same time. LESS