

INTISARI

Perkembangan teknologi di zaman sekarang meningkat dengan sangat pesat dan informasi yang beredar semakin banyak dan kompleks diberbagai bidang kehidupan, salah satunya yaitu bidang pendidikan. Namun masih banyak lembaga pendidikan yang belum memanfaatkan teknologi sekarang dengan optimal. Salah satunya yaitu di SMK Fatahillah Cipari yang dalam pengelolaan informasi akademik masih dilakukan secara manual. Untuk menghadapi permasalahan tersebut, dilakukan penelitian yang bertujuan untuk mengembangkan dan mengetahui kelayakan aplikasi akademik berbasis web di SMK Fatahillah Cipari menggunakan framework Codeigniter 3. Penelitian ini terdiri dari dua tahap yaitu tahap pengembangan menggunakan metode waterfall dan tahap uji kelayakan menggunakan standar ISO 25010. Berdasarkan hasil pengembangan didapat bahwa telah terciptanya aplikasi akademik berbasis website di SMK Fatahillah Cipari yang dapat memanajemen informasi akademik. Pada tahap uji kelayakan didapatkan hasil penilaian melalui kuesioner menunjukkan bahwa aplikasi akademik berbasis website di SMK Fatahillah Cipari berdasarkan Standar ISO 25010 mendapatkan nilai 92,9% dan dinyatakan sangat layak untuk digunakan dalam memanajemen informasi akademik.

Kata kunci: Aplikasi akademik berbasis web, Waterfall, ISO 25010

ABSTRACT

The development of technology today is increasing rapidly, and the information circulating is more and more complex in various fields of life, one of which is the field of education. However, there are still many educational institutions that have not utilized today's technology optimally. One of them is at Vocational High School Fatahillah Cipari, which in managing academic information is still done manually. A study was conducted to deal with these problems that aim to develop and determine the feasibility of web-based academic applications at Vocational High School Fatahillah Cipari using the Codeigniter 3 framework. This research consists of two stages: the development stage using the waterfall method and the feasibility test stage using the ISO 25010 standard. The development found that a website-based academic application has been created at Vocational High School Fatahillah Cipari, which can manage academic information. At the feasibility test stage, the assessment results through a questionnaire showed that the website-based academic application at Vocational High School Fatahillah Cipari based on the ISO 25010 standard got a value of 92.9% and was declared very feasible to manage academic information.

Keywords: Web-based academic applications, Waterfall, ISO 25010