

ABSTRAK

PENGEMBANGAN SISTEM INFORMASI *ENGLISH PROFICIENCY TEST* (EPT) VERSI 2.0 UPT BAHASA UNIVERSITAS LAMPUNG MENGGUNAKAN *FRAMEWORK SCRUM*

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English Proficiency Test (EPT) adalah sebuah ujian yang mengukur tingkat kemampuan berbahasa Inggris baik untuk kalangan umum maupun mahasiswa Universitas Lampung. EPT mengukur kemampuan berbahasa Inggris peserta pada tiga kriteria pengujian, yaitu *listening comprehension*, *structure and written comprehension*, dan *reading comprehension*. Peserta yang telah lulus akan diberikan sertifikat EPT yang nantinya dapat digunakan sebagai persyaratan akademik.

UPT Bahasa Universitas Lampung telah memanfaatkan sistem ISEPT (*Information System of English Proficiency Test*) untuk mengelola proses sertifikasi EPT. Namun seiring waktu berjalan, ditemukan beberapa kekurangan pada sistem ISEPT yang menghambat proses sertifikasi EPT. Penelitian ini membahas tentang pengembangan sistem Language Center berbasis *website* guna memperbaiki kekurangan yang timbul dalam sistem ISEPT. Sistem Language Center dikembangkan menggunakan *framework Scrum* serta diuji menggunakan pengujian *Black box*. Dari penelitian ini dihasilkan sebuah sistem baru yang dapat menunjang jalannya kegiatan sertifikasi *English Proficiency Test* (EPT) mulai dari proses registrasi, verifikasi pembayaran, dan distribusi sertifikat EPT.

Kata Kunci: ept, sertifikasi, sistem informasi, scrum

ABSTRACT

DEVELOPMENT OF ENGLISH PROFICIENCY TEST (EPT) INFORMATION SYSTEM VERSION 2.0 FOR LANGUAGE CENTER OF LAMPUNG UNIVERSITY USING SCRUM FRAMEWORK

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The English Proficiency Test (EPT) is a test that measures the level of English proficiency for both the public and students of Lampung University. The test measures the participants' English proficiency on three test criteria, namely listening comprehension, structure and written comprehension, and reading comprehension. Participants who have passed the test will be given an EPT certificate which can later be used as academic requirements.

Language Center of Lampung University has utilized a system called ISEPT (Information System of English Proficiency Test) to manage the EPT certification process. However, over time, several deficiencies in the ISEPT system were discovered which hindered the EPT certification process. This study discusses the development of a website-based Language Center system in order to correct deficiencies that arise in the ISEPT system. The Language Center system was developed using the Scrum framework and tested using Black box testing. This research resulted in a new system that can support the English Proficiency Test (EPT) certification process starting from the registration process, payment verification, and distribution of the EPT certificate.

Keyword: ept, certification, information system, scrum