

PENGEMBANGAN MOBILE LEARNING BERBASIS MOODLE YANG TERINTEGRASI DENGAN GONATIVE.IO DI SMKN 3 GARUT

Disusun Oleh :

Rofi Taofikqurochman

(18834001)

Abstrak

Penelitian ini dilatarbelakangi oleh adanya *pandemic Covid-19* dan diadakannya pembelajaran jarak jauh serta kurangnya media pembelajaran untuk pembelajaran jarak jauh maupun pembelajaran tatap muka. Penelitian ini berfokus pada tahapan pengembangan *Mobile Learning* berbasis Moodle dan tahapan pengintegrasian *Mobile Learning* dengan Gonative.io. Penelitian ini bertujuan menghasilkan produk *Mobile Learning* berbasis Moodle yang terintegrasi dengan Gonative.IO berupa *website Mobile Learning* dan aplikasi android *Mobile Learning* untuk jurusan Teknik Komputer Jaringan SMKN 3 Garut. Metode yang digunakan adalah metode pengembangan *extreme programming* (xp), model XP memiliki lima tahapan yaitu tahapan perencanaan, perancangan, pengembangan, pengujian, dan *release*. Hasil dari pengembangan ini adalah produk berupa *Webiste Mobile Learning* dan Aplikasi *Mobile* dengan *system operasi android*.

Keywords : Pengembangan, *Mobile Learning*, Moodle, Integrasi, Gonative.IO.

**DEVELOPMENT OF MOODLE-BASED MOBILE LEARNING
INTEGRATED WITH GONATIVE.IO AT SMKN 3 GARUT**

By:

Rofi Taofikqurochman

(18834001)

Abstract

This research was motivated by the Covid-19 pandemic and the holding of distance learning and the lack of learning media for distance learning and face-to-face learning. This research focuses on the stages of developing Moodle-based Mobile Learning and the stages of integrating Mobile Learning with Gonative.io. This study aims to produce a Moodle-based Mobile Learning product that is integrated with Gonative.IO in the form of a Mobile Learning website and an Android Mobile Learning application for the Computer Network Engineering major at SMKN 3 Garut. The method used is the extreme programming (xp) development method, the XP model has five stages, namely the stages of planning, designing, developing, testing, and releasing. The results of this development are products in the form of Webiste Mobile Learning and Mobile Applications with the Android operating system.

Keywords : Development, Mobile Learning, Moodle, Integration, Gonative.IO.