

Development of the Business Incubation Model 4.0 using the Real Time Monitoring System For Start Up Reporting System in Technology-Based Business Incubators

by Prof. Dr. Nahiyah Jaidi Faraz, M.Pd, Prof. Setyabudi Indartono, M.M., Ph.D, Dinar Ari Prasetyo, MBA

ABSTRACT

Monitoring is the part of the management process that is considered the most complicated. So that various systems have been developed to monitor certain business processes and management according to the required managerial characteristics. YSU Business Incubator, which has been established since 2012 and is located under LPPM UNY, has the aim of producing novice entrepreneurs who are competitive and independent in the ICT field in Indonesia. YSU Business Incubator manages entrepreneurs and prospective entrepreneurs in several cooperation programs with related ministries by providing guidance and assistance. In this activity, mentoring and reporting activities for assisted entrepreneurs still use the manual method by relying on reporting from companies fostered by the LPPM UNY Business Incubator. The growing development of the LPPM UNY Business Incubator requires an Online Real Time Monitoring System with criteria in accordance with the right Incubation Model to monitor fostered startup entrepreneurs and provide fast and accurate data as material for program evaluation and reporting. Therefore, it is necessary to develop a New Entrepreneur Assistance and Reporting System in a Technology-Based Business Incubator that is in accordance with the characteristics of the management of Technology-Based Beginner Entrepreneurs. This research is divided into two processes. The first process is determining the standard criteria for assisting assisted entrepreneurs in business incubation using a real time monitoring system. The system will be developed and tested using a questionnaire to the participants of the LPPM UNY business incubation in three incubation programs, namely PPBT (Technology-Based Beginner Entrepreneurs) and CPPBT (Technology-Based Beginner Entrepreneurs Candidates) with KEMENRISTEKDIKTI and WMP (Beginner Young Entrepreneurs) with KEMENPORA. The results of this test become data input in making a prototype real time monitoring system so that the system designed is able to provide maximum assistance and monitoring. Keywords: Business Incubator, Incubation Model, real time monitoring system,

Kata Kunci: Business Incubator, Incubation Business Model, Real Time Monitoring System,