ABSTRACT

ERLAN DARMAWAN. Online Chili (Capsicum annuum. L) Agribusiness Consultation Based On Mobile System. Under direction of KUDANG BORO SEMINAR, SRIANI SUJIPRIHATI dan HENDRA RAHMAWAN.

A mobile based Chili online agribusiness consultation system is a consultation system which serves the information and knowledge for farmers and stake holder involved in chili Agribusiness so they can access all needed information in processing, marketing, and developing their agricultural products by using mobile device such as: hand phone, PDA that have GPRS (General Packet Radio Services). The purpose of the research is to make the farmers as direct independent users in getting the information, by using information technology, so the mobile device it can be communication media and knowledge based consultation devices. The developing of mobile based consultation system is for supporting the activities of Agribusiness that include market information, weather information, and government policy about the farm production result that will be observed to give solution for Agribusiness doers, especially for the chili farmers in consulting all information needed to develop the result of Agriculture. This system is built by using System Development Life Cycle (SDLC) approach. It is an adaptive extreme Programming which is one of Agile’s methodologies that consist of explorating, planning, iteration launching software. The source of knowledge is gotten from the experts, police makers, customer, research institution, University, and from books, research journals, bulletin, and online information system.

Key words: System, Consultation, Online, Agribusiness, Chili, mobile, Farmer, Information, Extreme programming, tacit, explicit.