

## **ABSTRACT**

### **DEVELOP BACKPACKER MANAGEMENT SYSTEM BASED ON ANDROID MOBILE APPLICATION DEVELOPMENT FOR BACKIND STARTUP**

**By**

**MINDHA NINGRUM**

**1202144099**

*Attractions in Indonesia at this time, began to grow. Many countries that depend on tourism industry as a source of income especially service companies to tourists. One of the tours conducted tourists is backpacking. Backpacking with travel tour independently, all Affairs of travel taken care of themselves with the cost budget. Therefore, the startup Backind innovate make a reservation system can help backpackers in determining the right trip, according to the budget. Application innovation designed to help backpackers is an android-based backpacker management system. In the application to be built, backpacker can book a tour ticket or homestay using android app to facilitate travel tourism according to the budget owned. Systems development methods used in this study using iterative and incremental models so the two methods combined with help in the process of developing a system that would like to run. The results of this research is to create economic management system for temporary accommodation reservation and booking tickets on android applications using the incremental iterative SDLC model. In addition, researchers did a test application using the standard methods of McCall and UAT (User Acceptance Testing) to assess the quality of mobile-based Backind applications. Results from testing that involves 10 respondents who had experience using smartphones and the internet. Backind mobile applications get results amounted to 87.78% predicate good based on the method of McCall and amounted to 95% based on the method of UAT. The results concluded that mobile applications from startup Backind be accepted by prospective users.*

*Keyword : backpacker, android, iterative incremental*