

## **ABSTRACT**

### **DESIGNING THE STUDENTS LISTING INFORMATION SYSTEM AT MATHEMATICS AND NATURAL SCIENCE FACULTY OF LAMPUNG UNIVERSITY**

**By**

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The use of computers as one of the tools of information technology is needed in almost every aspect of life. Along with the growing of technologies and the progress of human resources, nowadays knowledge about the information technology grows rapidly from a simple technology to technology that can be specified as a sophisticated and modern technology.

The use of computers as a management support device and data processing is very appropriate to consider the quantity and quality of data, thus the use of computers in any information strongly supports the decision-making system. In its activities, reporting of students data collection of Sub-Division Education of Faculty of Mathematics and Science has not implemented computerized system optimally. Thus it's strongly necessary to develop management information systems in students data collection. This information system utilizes a data *processing* equipment, namely computers by designing a software, students data collection application. This system is used to help the Sub-Division Education of Faculty of Mathematics and Science in processing students' data. The methods used in this research are libraries research, direct observation, and interview. The design of this system uses multiple *files* in a *database*. By using a computerized system working time can be more effective. Also, it can enhance management activities and increase the work motivation, especially in the students' data information, so that the required data of students associated with keyword bios can be found quickly.

**Keywords:** *Database, File, Processing, Students' bios*