Biometrics is the application of pattern recognition which emerged and developed in the computer era. Biometrics is the development of basic identification method that uses a natural human characteristic as a base. One of the physiological characteristics possessed by humans is fingerprints, which differ in each individual. Many fingerprint-based system developed in the field of security and forensics. One of the most developed system is a fingerprint-based monitoring system. In this final made the user monitoring system of fingerprint-based computer laboratory equipped with computer layout arrangement dynamically plan, so they can adjust the location of the computer in a computer lab that will use this software.

The result of experiments performed on the user monitoring system for fingerprint-based computer labs are already running well, which is a process to add, modify, and delete master data success. Interface has been designed, user friendly, ie users can use the system easily. The database was designed according to the needs of the system, the which can store master data and transaction data. The format of the report are in accordance with user needs, can be seen in appendix. Implementing systems based on fingerprint identification of individuals have to make the process of reference and authentication.

key : Monitoring system, fingerprint, C Sharp.