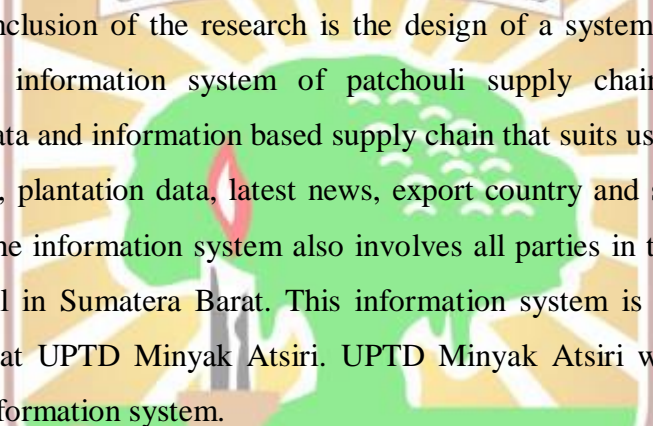


CHAPTER VI

CLOSING

This chapter contains conclusion obtained after conducting research and designing management information systems of supply chain patchouli oil and suggestions for the next researcher to maintain and develop the system.

6.1 Conclusions



The conclusion of the research is the design of a system and web-based application of information system of patchouli supply chain. This system integrates all data and information based supply chain that suits user needs such as marketing data, plantation data, latest news, export country and seminar/training information. The information system also involves all parties in the development of patchouli oil in Sumatera Barat. This information system is centralized in a server, that is at UPTD Minyak Atsiri. UPTD Minyak Atsiri will manage and maintain the information system.

Information systems have advantages such as integrated information, real-time data updating, data search features and data printing according to the user desired period. After the testing, it is obtained that the information system is suitable for the needs of the parties involved, both for stakeholders and policymakers in Sumatera Barat. Therefore, the information system can be used as a reference for designing patchouli oil system and application for other provinces in Indonesia because it is reliable with the whole condition of the supply chain of patchouli oil in Indonesia. In addition, information systems can be utilized by stakeholders in other provinces to see information about patchouli oil. System design model can be seen through the design of business process diagram, use case diagram, sequence diagram, class diagram and entity relationship diagram.

6.2 Suggestions

Suggestions that are given to the development of design of management information system for patchouli oil supply chain are as follows.

1. Information provided more extensively includes provinces outside of Sumatera Barat as comparison information. In addition, the more detailed information includes village-level information will give wider benefit for the essential oil industry in Sumatera Barat
2. The addition of information on other essential oil-producing commodities such as cloves, nutmeg, citronella, cinnamon and others which also have great opportunities to develop essential oil industries in Sumatera Barat.

