ABSTRACT

This project examines the network system development plan, which concentrates on automotive industry. This system will not just concentrate on a single automobile brand name but it acts as a central networking system where each automobile industry can use as a central information transfer media.

An overview and future trend of Thailand's automotive industry is given in order to give a brief idea of the current and future status of automotive industry. A research of existing networking infrastructure was conducted to identify the most appropriate media and networking system for distributed database system. Massive amounts of sensitive infoimation are stored in each business location. The move toward distributed database system increases the chance of security violations. Many security issues are discussed in order to affirm maximum security at all levels.

The feasibility study section covers economic, technical, and operational issues. The main focus is on the economic feasibility where the detail project associated costs are given.

Recommendation to the project gives an idea on the project expansion on to other businesses. This project is just a brief overview of the network system in automotive industry. There are many parts of the project that can be further studied in detail.