WARAPORN INTARASIRIPONG : DEVELOPMENT OF AN INFORMATION SYSTEM FOR SUPPORTING FRESHWATER FISH RESOURCE MANAGEMENT. THESIS ADVISORS : RUANGJARAT HUTACHAROEN, M.Sc., SARANYA SUCHARITAKUL, M.S. 83 p. ISBN 974-664-803-9

The objective of this research is to develop an information system for freshwater fish resource management and related data. This information system must be able to support the freshwater fish resource management by gathering data in a relational database management system.

This developed information system includes data of the freshwater fish resource management, i.e. freshwater fishes, fish diseases, water resources, fish cultivation, operating departments, projects and others operating data. The database of this research is a relational database. This research used Microsoft Access 97 to create and develop the database system and used Microsoft Visual Basic 5.0 to create and develop the application program in the part of user-interface that has input, output and screen search which are designed for the ability to use simply and quickly.

The developed system was evaluated by two groups of people, experts in analysis, design and system development and users. The results show that the developed system is simple to use, supports the operating of work and is useful for supporting the freshwater fish resource management.