



شبكة المعلومات الجامعية

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ





شبكة المعلومات الجامعية



شبكة المعلومات الجامعية

التوثيق الالكتروني والميكرو فيلم

جامعة عين شمس

التوثيق الالكتروني والميكرو فيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد اعدت دون أية تغيرات



يجب أن

تحفظ هذه الأفلام بعيداً عن الغبار

في درجة حرارة من 15 – 20 مئوية ورطوبة نسبية من 20-40 %

To be kept away from dust in dry cool place of
15 – 25c and relative humidity 20-40 %



شبكة المعلومات الجامعية



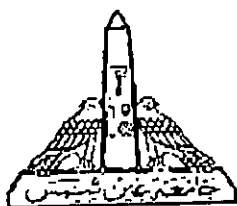
بعض الوثائق الأصلية تالفة



شبكة المعلومات الجامعية



بالرسالة صفحات
لم ترد بالأصل



Ain Shams University
Faculty of Engineering
Computer and Systems Engineering Department

Utilization of Intelligent Agent in Data Mining

A Thesis

Submitted in Partial Fulfillment of the
Requirements of the Degree of
Master of Science in Electrical Engineering
(Computer and Systems)

Submitted By

Waleed Mohamed Hosny

B.Sc., Electrical Engineering
(Computer and Systems Engineering)
Ain Shams University, 1992

Supervised by

Prof. Dr. Gamal M. Aly

Chairman of Computer & Systems Dept.

Faculty of Engineering

Ain Shams university

Prof. Dr. Nabil M. El-Nadi

Vice President

The Cabinet Information and Decision

Support Center

Cairo 2001

B771.

Approval Sheet

Name Waleed Mohamed Hosny Abd El-Haliem
Thesis Utilization of Intelligent Agent in Data Mining
Degree Master of Science in Electrical Engineering
(Computer and Systems Engineering)

Examiners Committee

Name, Title, and Affiliation

1-Prof. Dr. Mohamed Gamal El-Din Darwish
Faculty of Computer Science and Informatics
Cairo University.

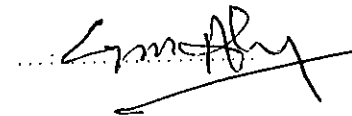
Signature



2-Prof. Dr. Hani Mohamed Kamal Mahdi
Faculty of Engineering,
Ain Shams University.



3-Prof. Dr. Gamal El-Din Mohamed Aly
Chairman of Computer & Systems Dept.
Faculty of Engineering,
Ain Shams University.



4-Prof. Dr. Nabil Mohamed Abd El-maksoud El-Nadi
Vice President
The Cabinet Information and Decision Support Center



Date: / / 2001

Statement

This thesis is submitted to Ain Shams University for the degree of Master of Science in Electrical Engineering (Computer and Systems Engineering).

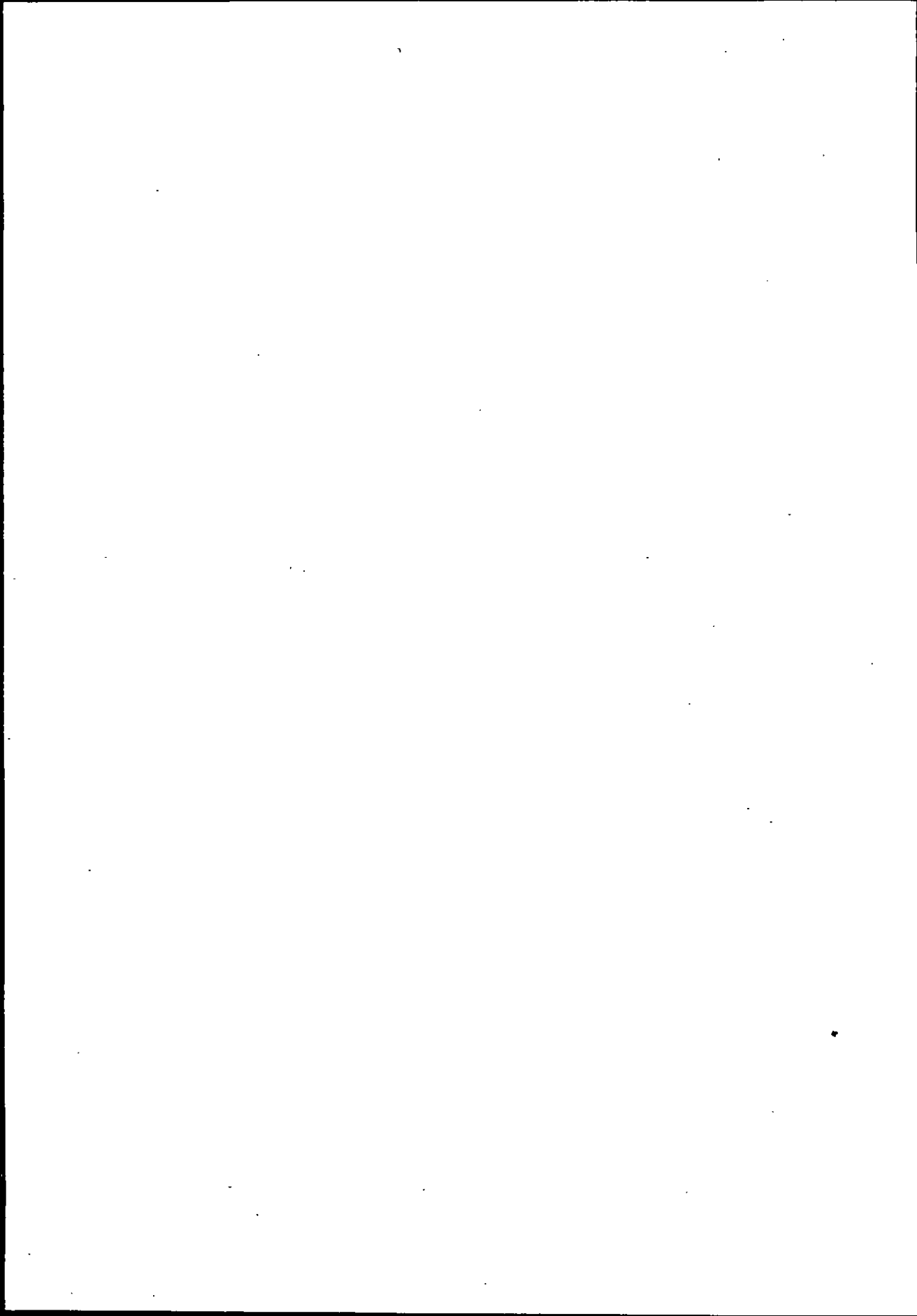
The work included in this thesis was carried out by the author at the Computer and Systems Engineering Department, Ain Shams University.

No part of this thesis has been submitted for a degree or qualification at other university or institution.

Date / / 2001

Signature

Name Waleed Mohamed Hosny



ACKNOWLEDGEMENTS

I would like to express my deepest gratitude and appreciation to Prof. Dr. Gamal M. Aly, Chairman of computer & Systems department, Faculty of Engineering, Ain Shams University and Prof. Dr. Nabil M. El-Nadi, Vice president of the Cabinet Information and Decision Support Center for their continuous support and encouragement to carry out this research.

ABSTRACT

Utilization of Intelligent Agent in Data Mining

Eng. Waleed Mohamed Hosny

Master of Science in Computer Engineering

Ain Shams University, 2001

In the past five to six years, the Internet has evolved as a preferred medium of interaction appealing to consumers worldwide. The World Wide Web has allowed so many consumers to confidently use the Internet, and it has offered individuals and businesses new ways to present and find information.

The Internet unquestionably has transformed the way commerce is conducted. Several new business models have evolved, leveraging the technologies offered by the Web. The marketplace has created countless opportunities for several kinds of trading communities, which generally have flourished—especially those involved in business-to-business transactions.

In this thesis we will introduce the concept of E-marketplace and the guidelines for consolidating the E-commerce concept with several emerging technological features such as intelligent agents, data mining and mobile agents. So a proposed E-Hub business model and corresponding infrastructure and implementation will be illustrated.

Keywords:

E-marketplace, data mining, aggregation agent, personalization agent, mobile agent.

