

**THE DEVELOPMENT OF E-LAUNDER TRAINING
MANAGEMENT SYSTEM (e-LTMS)**

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**THE DEVELOPMENT OF E-LAUNDER TRAINING
MANAGEMENT SYSTEM (e-LTMS)**

ROSIDAH BINTI MD JUNID @ ABDUL HAMID

**This report is submitted in partial fulfillment of the requirements for the
Bachelor of Computer Science (Database Management)**

**FACULTY OF INFORMATION AND COMMUNICATION TECHNOLOGY
UNIVERSITI TEKNIKAL MALAYSIA MELAKA
2009**

DECLARATION

I hereby declare that this project report entitled

THE DEVELOPMENT OF E-LAUNDER TRAINING MANAGEMENT SYSTEM (e-LTMS)

is written by me and is my own effort that no part has been plagiarized
without citations.

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DEDICATION

In the name of Allah S.W.T, Most Gracious, Most Merciful

Specially dedicated to my beloved parents, En. Md Junid @ Abdul Hamid Bin Hj Ismail and Puan Rokiah Binti Hj Atim, whose care, unconditional love and sacrifice resulted in where I stand today. There are the best parents in the world, true blessings from God, indeed!!!

To my beloved family, whose sincerity, love, care and thoughtfulness gave me energy to complete this project. I love you all

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And lastly to my entire friends who have encouraged, guided and inspired me throughout my journey of education.

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Otherwise, I would like to give special thanks for my beloved parents and family who have been giving me support and motivation throughout my project. Finally, I also express my deep gratitude to those who directly or indirectly helped me in completing this PSM project. This project is the result of the direct and indirect contributions of all these individuals. I am ever grateful to them.

Thank You Again, Wassalam.

ABSTRACT

The e-Lauder Training Management System (e-LTMS) is developed mainly for Bubble Laundry Enterprise to manage training registration and user maintenance. The e-LTMS is a complete web-based database system to help laundry improve the quality of training, increase system performance and better communicate with customer. This system is focus on admin module and Database Administrators and System Administrator as target users. Its flexible features that support multiple users based on their level, enabling them to record, making backup and recovery, generate reports, as well as manage their data in real-time. Structured System Analysis and Design Methodology (SSADM) has selected as the project methodology. In the other hand the Iterative Software Development Life Cycle is used to implement the methodology on the development of e-LTMS web-based database system. An analysis has been done based on the current manual system and all the problem statements and requirements have been identified. The main software used in developing this system is Oracle9i Forms Developer, Oracle9i Report Developer and Oracle9i database. The interfaces for e-LTMS have been designed according to the requirement and needs of the laundry. Rather than that, this system also has been tasted and evaluated in real life. This e-LTMS will help to improve the performance of the current system and overcome the problems that arise nowadays.

ABSTRAK

e-Laundry Training Management System (e-LTMS) telah dibangunkan khas untuk Bubble Laundry Enterprise untuk memudahkan proses pendaftaran latihan dan penyelenggaraan pengguna. e-LTMS adalah sistem pangkalan data berasaskan web sepenuhnya untuk membantu kedai dobi memperbaiki kualiti latihan, meningkatkan prestasi sistem dan komunikasi yang lebih baik dengan pelanggan. Skop sistem ini lebih tertumpu kepada modul pentadbiran dan *Database Administrator* serta *System Administrator* sebagai skop pengguna. Ciri-ciri yang fleksibel yang menyokong pelbagai pengguna berdasarkan kedudukan, membolehkan mereka merekod, membuat *backup* dan *recovery*, menghasilkan laporan, serta menguruskan data dari masa ke semasa. *Structured System Analysis and Design Methodology (SSADM)* telah dipilih sebagai projek metodologi. Dalam pada itu *Iterative Software Development Life Cycle* telah digunakan untuk melaksanakan metodologi tersebut dalam pembangunan sistem pangkalan data berasaskan web e-LTMS. Satu analisa telah dijalankan untuk mengenalpasti keperluan dan pernyataan masalah. Perisian utama yang digunakan dalam pembangunan sistem ini adalah *Oracle9i Forms Developer*, *Oracle9i Report Developer* dan pangkalan data *Oracle9i*. Antaramuka bagi e-LTMS telah direka berdasarkan keperluan dan permintaan kedai dobi tersebut. Sejajar dengan itu, sistem ini telah diuji dengan persekitaran yang sebenar. Sistem ini diharap dapat membantu dan menyokong dalam peningkatan prestasi semasa dan mengatasi masalah yang wujud pada masa kini.

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