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Online Career Information Display & Students Information Management System for COTs

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Dissertation submitted to the Faculty of Information Technology,

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Requirements of the Master Degree of

Information Technology.

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Declaration

We declare that this thesis is our own work and has not been submitted in any form for another degree or diploma at any university or other institution of tertiary education. Information derived from the published or unpublished work of others has been acknowledged in the text and a list of references is given.

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Signature of Supervisor(s)

Date 05/12/11

Dedication

To my dear parents, my darling husband & my baby son Kithnal,

because their love,courage & patience put me on the top of the world.

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Finally, I am kindly reminding my parents, husband, my son and all of my college staff for the assistance and help given in whatever way to make this project a success.

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Abstract

This project is concerned with the development of a system for easy handling of online information & students information management. Its main functions are online display of available courses, online applicants registration, students registration, internal exam candidates registration, automated results generation, giving different privileges for different user levels, online results as well as many more students management functionalities. This new system will enable automation of all functions, thus conceiving an efficient, reliable speedy and cost effective operational model for the online career information & applicants management system for 9 colleges of technology island wide. The scope of the project is envisaged that the project is in complete functional compliance to the presently manually performed functions and also to provide for recommended future expansions. Further, this system can be directly implemented to be a more complete (integrated) product by providing access facilities through the web. Target group of members for the system are applicants, registrar, evaluation officer, other colleges and any other general users. Inputs for the system are problems the problems in existing system. Process is the technology used to solve the above problems. Output is the solutions and value added features providing by the new implemented system. For facts finding purposes used formal methods as well as informal methods. When comparing to the existing system which is maintained in manual, with the introduction of the new system, there are useful facilities available. This System is a user friendly, self contained product and can be operated on its own. In brief, the above facts namely, on line display courses & other search details, manage the applications, online applicants registration, students registration, internal examinations management, automated results preparation can be identified as most important features of the new system.

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