Web Based Industrial Training Management Information System

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Declaration

I declare that this dissertation does not incorporate, without acknowledgement, any material previously submitted for a Degree or a Diploma in any University to the best of my knowledge and belief, it does not contain any material previously published or written by another person or myself except where due reference is made in the text. I also hereby give consent for my dissertation, if accepted, to be made available photocopying and for interlibrary, and for the title and summary to be made available to outside organization.

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ABSTRACT

The Industrial Training Division of the Faculty of Engineering is an independent service unit functioning under the Director, Industrial Training. It is mandatory that all undergraduates after completion of their Level 3 examinations also undergo 24 weeks of industrial Training (Module No. 3990) and obtain 6 Non-GPA credits for the award of a B.Sc. (Honours) Degree from the Faculty of Engineering. All undergraduates of the Faculty of Engineering are offered industrials training at either a government Institution or a private company in Sir Lanka.

They currently rely on traditional manual system to handle their industrial training management activities. The traditional manual system is not efficient enough to cater to the including demand and does not support for providing up to date instruction to the university management. Hence it is suggested to apply a web base management information system for the industrial training division to overcome these problems. Even though there are varies commercial products available in the market; these products do not satisfy adequate industrial training division requirement. This dissertation describes the development of a computerized web base management information system for the industrial training division.

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Object oriented technologies were used for analysis design for the proposed system. PHP, HTML with CSS and MYSQL database technologies were used for implementation.

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ABBREVIATION

1. CMSs - Course Management Systems
2. ER - Entity Relationship
3. LMSs - Learning Management Systems
4. UML - Unified Modeling Language
5. ITD - Industrial Training Division
6. MISITD - Management Information System for Industrial Training Division
7. CLMS - Course Learning Management System

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