

**ONLINE INFORMATION SYSTEM FOR
DISTRICT VOCATIONAL TRAINING CENTRE
NINTAVUR**

NAKEEBA RAKSANA.J

REG.NO: SEU/IS/07/IT/022

Index No: IT022

A Software project submitted to the Management Information System Unit of the Faculty of Management & Commerce, South Eastern University of Sri Lanka in Partial Fulfillment of the Requirements of the Degree of Bachelor of Science in Information Technology for Management Studies

**MANAGEMENT INFORMATION SYSTEM UNIT
FACULTY OF MANAGEMENT AND COMMERCE
SOUTH EASTERN UNIVERSITY OF SRI LANKA**

OLUVIL

2012

ABSTRACT

This report explains the designing and development of Online Information System for DVTC with decision support which is a module of Human Resources Management System. The key functions of the system are introduces a series of activities in Impart skills, knowledge and attitudes, Introduces standard National Curricula for all Vocational Training Courses, Introduces demand driven training programmes in all Vocational Training centre, Equip all trainees to fit into the future work places with discipline better understanding of work ethics, rights and responsibilities of the “world of work”. competency evaluation, recommendation for employee (this includes training and development recommendation and reward recommendation which is based on the employee’s performance).

The first chapter provides a brief introduction to the project, the business process, the back ground of the organization, the problem definition, the aims and objectives and the scope of the project.

The rest of the chapters include the project’s system analysis (which includes depiction of the current business process and the user requirements , possible Business System, and the justification), system design (which includes the proposed system and its the methodology and tools used for system design and development, the database design, GUI designs and program design), development (which includes technologies, selected programming languages, development environment and the tools used, security measures implemented in the application, different data structures and theories of the algorithms used), testing (testing methods and the quality assurance procedures used), implementation (system requirements, Installation Guide, User Guide, Backup procedures and Security procedures) and finally a critical evaluation of Online information System making a point of the limitations in the system and different ways of improving it to result more benefits.