MOTHER CHILD HEALTH CARE SYSTEM (MCHCS)
FOR

REGIONAL FAMILY HEALTH CARE CENTER
GALEWALA

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A Software project is 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 Management and Information Technology

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ABSTRACT

As IT students our main responsibility to introduce new technologies or modify an existing system, I develop this standalone application to enhance efficiency, productivity, responsiveness and reduce the work load of a Regional Family Health Care Center-Galewala.

The project proposed, intends to create a Mother Child Health Care System (MCHCS) which is handle health records related to health care services such as pregnancy health services, child health services, immunization, etc... This system is expected to manage details of pregnancy, child health, preschool student health, immunization and to generate reports based on activities.

Typical users of this system are Medical Officer of Health (Administrator), doctors and Public Health Midwife (PHM) of Regional Family Health Care Center. By implementing a computerized system connected to a database, the staff would be highly supported in their day today activities. Keeping track of records of all day today activities done by them and the expenses charged and retrieving, manipulating and storing data would be maintained through the database. It would facilitate searching the past records and generating the required reports. These facts are carrying out an efficient service with reduction of work load.

All the interfaces are user friendly, component based and attractive. Software design technique used for the project is object oriented design as it is a most effective way of producing flexible software. The system will be implemented using the technologies such as C# and Microsoft SQL Server. The ultimate goal of this project is to provide a good, accurate and efficient Mother Child Health Care System with new technologies.