

ONLINE LIBRARY MANAGEMENT SYSTEM FOR ALAIYADIVEMBU PUBLIC LIBRARY

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ABSTRACT

There is an increasing movement towards a fully connected world and automation of most of the day-today manual repetitive processes using the current technology. At this way The Alaiyadivembu Public library was computerized. The Library has lot of book for the multiple purpose and those books details are maintain as manual systems, so when we try to publish this detail on website first study the current manual record keeping system of the department was analyzed.

Based on this study relevant activities and important data items to be recorded are identified. Use case diagrams were created and classes were identified for developing the system in a structured manner. For ensuring the efficiency of the database, ER diagrams were created and converted into database tables.

The system developed is a scalable, extensible and a high performance Application using the disconnected architecture of Dataset, which is the core Components of Microsoft ADO.NET and connected architecture of Database. This application demonstrates the integration of Database with Windows application for designing user interface.

The front end of the system was developed using the PHP Language and Mysql is used for the back end. This application allows the users to use this website with their username, password. Also this system has two drastic faces those are in administrator view and user view. They have some specific privileges for them. Such an administrator have add, delete and update privileges likewise the users only have to view the website.

Keywords:- Online, Entity relationship diagram, Php, My SQL